

Перелік штатних науково-педагогічних та наукових працівників, які працюють за основним місцем роботи не менше шести місяців і мають не менше п'яти наукових публікацій у періодичних виданнях, які на час публікації було включено до наукометричної бази Scopus або Web of Science Core Collection

1.	Kolosov, M.A., Shvets, E.H., Kulyk, O.G., Orlov, V.D.	Alkylation of 6-C(O)R-7-aryl-5-methyl-4,7-dihydro-1,2,4-triazolo[1,5-a]pyrimidines (2015) Chemistry of Heterocyclic Compounds, 51 (11-12), pp. 1052-1056.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954104461&doi=10.1007%2f10593-016-1818-6&partnerID=40&md5=23d30557f724b0f95cf187be68c506f
	Kolosov, M.A., Kulyk, O.G., Al-Ogaili, M.J.K., Orlov, V.D.	An effective Biginelli-type synthesis of 1-methoxy-3,4-dihydropyrimidin-2(1H)-ones (2015) Tetrahedron Letters, 56 (32), art. no. 46433, pp. 4666-4669.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938201690&doi=10.1016%2fj.tetlet.2015.06.041&partnerID=40&md5=842545e9e34ce8be752515ceeb0fca99
	Kolosov, M.A., Al-Ogaili, M.J.K., Kulyk, O.G., Orlov, V.D.	Synthesis of 4,7-dihydro[1,2,4]triazolo-[1,5-a]pyrimidine-6-sulfonamide derivatives (2015) Chemistry of Heterocyclic Compounds, 51 (7), pp. 691-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954374634&doi=10.1007%2f10593-015-1759-5&partnerID=40&md5=7c9be96ceaa0ed6be317146ec7389bf3
	Marrugo-gonzalez, A.J., Orlov, V.D. , Fernandez-Maestre, R.	1,3,5-Triaryl 2-pyrazolines with 8-hydroxyquinolinic substituent: Syntheses, photophysical properties, and biological activity (2015) Periodico Tche Quimica, 12 (24), pp. 51-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942610345&partnerID=40&md5=e0c8923f863b13bdd7267baf0cf40921
	Kolosov, M.A., Kulyk, O.G., Shvets, E.G., Orlov, V.D.	Synthesis of 5-cinnamoyl-3,4-dihydropyrimidine-2(1H)-ones (2014) Synthetic Communications, 44 (11), pp. 1649-1657.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901305690&doi=10.1080%2f00397911.2013.869341&partnerID=40&md5=f8129a091841cc55f036c9e7eb9b8ff
	Kolosov, M.A., Beloborodov, D.A., Kulyk, O.G., Orlov, V.D.	Synthesis of 2,5,7-triaryl-4,7(6,7)-dihydropyrazolo[1,5-a]pyrimidine-3-carbonitriles by reaction of 5(3)-amino-3(5)-aryl-1H-pyrazole-4-carbonitriles with chalcones (2014) Journal of Heterocyclic Chemistry, 51 (SUPPL. 1), pp. E89-E92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907423764&doi=10.1007%2fjhet.1824&partnerID=40&md5=0864cc4316cd1caddf812f492b80862d
	Kolosov, M.A., Al-Ogaili, M.J.K., Parkhomenko, V.S., Orlov, V.D.	Synthesis and alkylation of diethyl 6-aryl-2-oxo-1,2,3,6- tetrahydropyrimidine-4,5-dicarboxylates (2014) Chemistry of Heterocyclic Compounds, 49 (10), pp. 1484-1489.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893788719&doi=10.1007%2f10593-014-1399-1&partnerID=40&md5=e4a9eb9c72908fbbe7f9b03e774a521
	Kolosov, M.A., Kulyk, O.G., Starchenko, O.I., Orlov, V.D.	Formation of 3,4,5,6-tetrahydroquinazolin-2(1H)-one derivatives in reaction of 4-aryl-6-methyl-3,4-dihydro-pyrimidin-2(1H)-ones with chalcones (2013) Chemistry of Heterocyclic Compounds, 49 (8), pp. 1166-1171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888130305&doi=10.1007%2f10593-013-1359-1&partnerID=40&md5=5b1af5d7a223316f6dcfd0bb37e802193
	Orlov, V.D.	Chemistry of nitrogen-containing heterocycles (2013) Chemistry of Heterocyclic Compounds, 49 (6), pp. 808-810.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884747303&doi=10.1007%2f10593-013-1316-z&partnerID=40&md5=2a4574298c353ff4a9273b6fd193464b
	Gella, I.M., Bui, O.D., Mirnyi, A.V., Shishkina, S.V., Shishkin, O.V., Orlov, V.D.	Trans-stereoselective reduction of hexahydroquinazoline-2(1H)-thione derivatives (2013) Chemistry of Heterocyclic Compounds, 49 (2), pp. 302-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879090206&doi=10.1007%2f10593-013-1247-8&partnerID=40&md5=0b27715f04be133b9e110f71b2c3cd68
	Kolosov, M.A., Kulyk, O.G., Beloborodov, D.A., Orlov, V.D.	A simple and efficient one-pot synthesis of 4-alkyl-3,4-dihydropyrimidin- 2(1H)-ones (2013) Journal of Chemical Research, 37 (2), pp. 115-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875521193&doi=10.3184%2f174751913X13573126386313&partnerID=40&md5=0ad46710bf01a19fe93d67a45c0d007
	Marrugo-González, A.J., Orlov, V.D. , Fernandez-Maestre, R.	Synthesis of 8-hydroxyquinoline chalcones: Trans configuration, intramolecular hydrogen bonds, bromination, and antifungal activity (2012) Journal of the Chilean Chemical Society, 57 (3), pp. 1287-1291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873626044&partnerID=40&md5=8f927715ea2b2c606d1ce2afd0e3e45a
	Orlov, V.D. , Kharchenko, Yu.V., Gella, I.M., Omel'chenko, I.V., Shishkin, O.V.	Reactions of ketene amins with n-arylemaimides and dimethyl acetylenedicarboxylate, a direct pathway to derivatives of pyrrolo[1,2-a]imidazole and imidazo[1,2-a]pyridine (2012) Chemistry of Heterocyclic Compounds, pp. 1-9. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868606475&doi=10.1007%2f10593-012-1123-y&partnerID=40&md5=62c7503fc9bd9a4dc79726753ceef296
	Orlov, V.D. , Kharchenko, Y.V., Gella, I.M., Omel'chenko, I.V., Shishkin, O.V.	Reactions of ketene amins with N-arylemaimides and dimethyl acetylenedicarboxylate, a direct pathway to derivatives of pyrrolo[1,2-a]imidazole and imidazo[1,2-a]pyridine (2012) Chemistry of Heterocyclic Compounds, 48 (8), pp. 1204-1212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872060350&doi=10.1007%2f10593-012-1123-y&partnerID=40&md5=9b81727c3f1bc16b8cf375371ac0d12
	Kolosov, M.A., Kulyk, O.G., Al-Ogaili, M., Orlov, V.D.	Synthesis and acylation of 4-Chloroalkyl-3,4-dihydropyrimidin-2(1H)-ones (2012) Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, 67 (9), pp. 921-924.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867939366&doi=10.5560%2fZfNB.2012-0182&partnerID=40&md5=57fa2724db26e35680c37aabfc78f5ef
	Orlov, V.D. , Sidorenko, D.Yu.	Carbo[3 + 3] cyclocondensation reactions. A new method for the synthesis of tetrahydropyrazolo[1,5-b]quinazolines and tetrahydropyrazolo[4,5-b]quinolines (2012) Chemistry of Heterocyclic Compounds, pp. 1-8. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864509290&doi=10.1007%2f10593-012-1039-6&partnerID=40&md5=7f152ae03493b26df9434dbf80e58ff
	Orlov, V.D. , Sidorenko, D.Yu.	Carbo[3+3] cyclocondensation reactions. a new method for the synthesis of tetrahydro-pyrazolo[1,5-b]quinazolines and tetrahydro-pyrazolo[4,5-b]quinolines (2012) Chemistry of Heterocyclic Compounds, 48 (4), pp. 650-657.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867228648&doi=10.1007%2f10593-012-1039-6&partnerID=40&md5=2dd5fbfd9900117d354b67f6d7a938
	Detistov, O.S., Orlov, V.D. , Zhuravel', I.O.	Isomeric 3-isoxadiazolylcoumarins and their derivatives (2012) Journal of Heterocyclic Chemistry, 49 (4), pp. 883-892.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866234052&doi=10.1002%2fjhet.893&partnerID=40&md5=fd1687e72cda63caf6b1e0072fc5ea47
	Sidorenko, D.Y., Orlov, V.D.	Synthesis of azoloquinazolinic systems using ultrasound (2011) Ultrasonics Sonochemistry, 18 (1), pp. 300-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956444538&doi=10.1016%2fj.ultsonch.2010.06.003&partnerID=40&md5=cfe4251f4e6a65ba5a8c47ad8c6afcd
	Kotlyar, V.N., Pushkarev, P.A., Orlov, V.D. , Chernenko, V.N., Desenko, S.M.	Thiazolic analogs of chalkone with heterocyclic nucleic capable of functionalization (2010) Khimiya Geterotsiklicheskih Soedinenii, (3), pp. 425-434.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954453725&partnerID=40&md5=5a2d4405c5bd3e76742a4964bf878ff
	Kotlyar, V.N., Pushkarev, P.A., Orlov, V.D. , Chernenko, V.N., Desenko, S.M.	Thiazole analogs of chalcones, capable of functionalization at the heterocyclic nucleus (2010) Chemistry of Heterocyclic Compounds, 46 (3), pp. 334-341.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956461752&doi=10.1007%2f10593-010-0509-y&partnerID=40&md5=01ec6a75515153c1db77a90ce3e6d1d5
	Sidorenko, D.Y., Orlov, V.D.	Synthesis of [1,2,4]triazolo[1,5-a]quinazolines from 7-methyl-5-phenyl-4,7-dihydro[1,2,4]triazolo[1,5-a]pyrimidine (2010) Mendelev Communications, 20 (3), pp. 170-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954211244&doi=10.1016%2fj.mencom.2010.05.016&partnerID=40&md5=3d5bb9065b2b605330939eb0e1255207
	Kolosov, M.A., Orlov, V.D.	Synthesis of 5-(4,5-dihydro-1H-pyrazol-3-yl)-3,4-dihydropyrimidin-2(1H)-one derivatives (2009) Khimiya Geterotsiklicheskih Soedinenii, (7), pp. 1093-1096.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349934297&partnerID=40&md5=83698eeb26d68472d47df8aa4ea11acf
	Kolosov, M.A., Orlov, V.D.	Synthesis of derivatives of 5-(4,5-dihydro-1H-3-pyrazolyl)-3,4-dihydro- 2(1H)-pyrimidone (2009) Chemistry of Heterocyclic Compounds, 45 (7), pp. 873-875.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70450257761&doi=10.1007%2f10593-009-0343-2&partnerID=40&md5=e2a2da11bf07066f8bad40bc4b04bebc
	Kharchenko, J.V., Detistov, O.S., Orlov, V.D.	Synthesis of substituted 5-(l,2,4-oxadiazol-5-yl)-3,4-dihydropyrimidine- 2(1H)-thiones (2009) Journal of Combinatorial Chemistry, 11 (2), pp. 216-219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64949128299&doi=10.1021%2fccc800111h&partnerID=40&md5=e7894c044dc4b73b5efb060f6d39cc51
	Kolosov, M.A., Orlov, V.D. , Beloborodov, D.A., Dotsenko, V.V.	A chemical placebo: NaCl as an effective, cheapest, non-acidic and greener catalyst for Biginelli-type 3,4-dihydropyrimidin-2(1H)-ones (-thiones) synthesis (2009) Molecular Diversity, 13 (1), pp. 5-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58849138719&doi=10.1007%2f11030-008-9094-8&partnerID=40&md5=d1c73fca224ca669c31433d0bab0f45e
	Kolosov, M.A., Orlov, V.D.	5-Thiazolyl derivatives of 4-aryl-3,4-dihydropyrimidin-2(1H)-ones (2008) Khimiya Geterotsiklicheskih Soedinenii, (11), pp. 1741-1743.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64549160199&partnerID=40&md5=ad7e53c9a0af35d3a29d40f705f3ec20
	Kolosov, M.A., Orlov, V.D.	5-thiazolyl derivatives of 4-aryl-3,4-dihydropyrimidin-2(1H)-ones (2008) Chemistry of Heterocyclic Compounds, 44 (11), pp. 1418-1420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61849137764&doi=10.1007%2f10593-009-0204-z&partnerID=40&md5=c82519056eb2dfa0a93113b6e2c1ee0a

Sidorenko, D.Yu., Orlov, V.D.	Benzannulation of 5-methyl-7-phenyl-4,7-dihydro-1,5,4-pyrimidine with chalcones and their synthetic equivalents as a method for the synthesis of tetrazolo[5,1-b]quinazolines (2008) Russian Chemical Bulletin, 57 (9), pp. 2005-2010.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68749106985&doi=10.1007%2f11172-008-0270-x&partnerID=40&md5=dccc5e53a14bfabc77bb02ad2f8bab
Harchenko, Yu.V., Detistov, O.S., Orlov, V.D.	Polycyclic systems containing 1,2,4-oxadiazole cycle. 2. 4-(1,2,4-Oxadiazol-5-yl)pyrrolidin-2-ones: Synthesis and prediction of biological activity (2008) Khimiya Geterotsiklicheskih Soedinenii, (5), pp. 758-764.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48949098525&partnerID=40&md5=cae30bb7546993997210656f86fd2cb
Kharchenko, Yu.V., Detistov, O.S., Orlov, V.D.	Polycyclic systems containing 1,2,4-oxadiazole ring 2*. 4-(1,2,4-Oxadiazol-5-yl)pyrrolidin-2-ones: Synthesis and prediction of biological activity (2008) Chemistry of Heterocyclic Compounds, 44 (5), pp. 600-605.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864038162&doi=10.1007%2f10593-008-0080-y&partnerID=40&md5=5c9d074f581b38456cb8f1a46558b9e
Chebanov, V.A., Zbruyev, A.I., Desenko, S.M., Orlov, V.D. , Yaremenko, F.G.	Three-membered azaheterocycles based on α,β -unsaturated ketones (2008) Current Organic Chemistry, 12 (10), pp. 792-812.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47349094180&doi=10.2174%2f138527208784911888&partnerID=40&md5=844500d0930f4b0b6db6e718c5847cbd
Yaremenko, F., Beryozkina, T., Khvat, A., Svidlo, I., Shishkin, O., Shishkina, S., Orlov, V.	5,7-Substituted thiazolo[2,3-a]pyrimidines: Synthesis, stereochemistry and crystal structure (2008) Journal of Molecular Structure, 874 (1-3), pp. 57-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38649138323&doi=10.1016%2fj.molstruc.2007.03.031&partnerID=40&md5=73a1d8fa63300b05a2f8fa008a5a7ca
Kolosov, M.A., Orlov, V.D. , Kolos, N.N., Shishkin, O.V., Zubatyuk, R.I.	Reactions of α -cyanochalcones with phenylhydrazine (2007) Arkivoc, 2007 (16), pp. 187-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149111817&partnerID=40&md5=a005c91f6c9da374ab88f3eb47201665
Kolosov, M.A., Orlov, V.D.	Synthesis of derivatives of 3-methyl-4-phenyl-3a,4,5,6,7a-hexahydro-1H-pyrazolo-[4,5-d]pyrimidin-6-one [4] (2007) Chemistry of Heterocyclic Compounds, 43 (10), pp. 1349-1350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549097758&doi=10.1007%2f10593-007-0207-6&partnerID=40&md5=3c8340b0b2e62158f4d9e66de165a29e
Kolosov, M.A., Orlov, V.D. , Vashchenko, V.V., Shishkina, S.V., Shishkin, O.V.	5-Cinnamoyl- and 5-(ethoxycarbonyl)-6-styryl derivatives of 4-aryl-3,4-dihydropyrimidin-2(1H)-ones (2007) Collection of Czechoslovak Chemical Communications, 72 (9), pp. 1219-1228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36849032152&doi=10.1135%2fccc20071219&partnerID=40&md5=f319373811bd7603ae530da38f648b1
Desenko, S.M., Gladkov, E.S., Shishkina, S.V., Shishkin, O.V., Komykhov, S.A., Orlov, V.D. , Meier, H.	Synthesis and tautomerization of 6,7-dihydro-(1,2,3)-triazolo[1,5-a] pyrimidines (2006) Journal of Heterocyclic Chemistry, 43 (6), pp. 1563-1567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845421026&doi=10.1002%2fjhett.5570430620&partnerID=40&md5=a0c82238db7112f8bb867da5082f57d4
Beryozkina, T.V., Kolos, N.N., Musatov, V.I., Orlov, V.D.	Reactions of β -aroylacrylic acids with 2-aminophenols (2006) Russian Chemical Bulletin, 55 (6), pp. 1056-1059.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750716045&doi=10.1007%2f11172-006-0376-y&partnerID=40&md5=ff7eb3830b82540f571ab0516500500f
Kolos, N.N., Paponov, B.V., Orlov, V.D. , Lvovskaya, M.I., Doroshenko, A.O., Shishkin, O.V.	Derivatives of Δ^2 -pyrazoline-products of 1,5-diaminotetrazole interaction with chalcone: Molecular structure and spectral properties (2006) Journal of Molecular Structure, 785 (1-3), pp. 114-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644523129&doi=10.1016%2fj.molstruc.2005.10.004&partnerID=40&md5=a367e1251e405e709380ce7c9823ad41
Komykhov, S.A., Ostras, K.S., Kostanyan, A.R., Desenko, S.M., Orlov, V.D. , Meier, H.	The reaction of amino-imidazoles, -pyrazoles and -triazoles with α,β -unsaturated nitriles (2005) Journal of Heterocyclic Chemistry, 42 (6), pp. 1111-1116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24944558003&partnerID=40&md5=52fbd4dccc63a6db78543e5a58f2ebe8
Kolosov, M.A., Orlov, V.D.	3-N-acylation of 5-ethoxycarbonyl-6-methyl-4-phenyl-3,4-dihydropyrimidin-2-one (2005) Chemistry of Heterocyclic Compounds, 41 (2), pp. 260-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244471858&doi=10.1007%2f10593-005-0139-y&partnerID=40&md5=483bdd3a5d48940e63a71a5c0e9dcf49
Kolos, N.N., Paponov, B.V., Shishkin, O.V., Orlov, V.D.	Crystal and molecular structure of 2,4-dimethylthieno[3,4-b]-1,5-diazepinium chloride (2005) Chemistry of Heterocyclic Compounds, 41 (2), pp. 241-245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244492265&doi=10.1007%2f10593-005-0135-2&partnerID=40&md5=88c2b75e3a3ad59612c8c3097f5b9d1a
Kolos, N.N., Yurchenko, E.N., Orlov, V.D. , Shishkina, S.V., Shishkin, O.V.	Investigation of the products of interaction of cyclic diketones with nitrogen-containing 1,4-binucleophiles (2004) Chemistry of Heterocyclic Compounds, 40 (12), pp. 1550-1559.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17744374778&doi=10.1007%2f10593-005-0098-3&partnerID=40&md5=f5eb5060aacc52948d562793ee98c409
Beryozkina, T.V., Kolos, N.N., Orlov, V.D. , Zubatyuk, R.I., Shishkin, O.V.	2-(2-aryl-2-oxoethyl)-4H-benzo-1,4-thiazin-3-ones as products of the reaction of 2-aminothiophenol with β -aroylacrylic acids (2004) Phosphorus, Sulfur and Silicon and the Related Elements, 179 (10), pp. 2153-2162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7644243259&doi=10.1080%2f10426500490475166&partnerID=40&md5=50a1db4f7b0ce150d5a81577ee1280b4
Chebanov, V.A., Saraev, V.E., Kobzar, K.M., Desenko, S.M., Orlov, V.D. , Gura, E.A.	Synthesis and rotamerism of 9,10-diarylsubstituted 1,2,3,4,5,6,7,8,9,10-decalhydraacridine-1,8-diones (2004) Chemistry of Heterocyclic Compounds, 40 (4), pp. 475-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3142662543&doi=10.1023%2f1026500490475166&partnerID=40&md5=6e0104cd42ef3989192690e107328fd
Lipson, V.V., Ignatenko, I.V., Desenko, S.M., Shishkina, S.V., Shishkin, O.V., Komykhov, S.A., Logvinenko, N.V., Orlov, V.D. , Meier, H.	Reactions of 4,7-Dihydro-1,2,4-triazolo[1,5-a]pyrimidines with α,β -Unsaturated Carbonyl Compounds (2003) Journal of Heterocyclic Chemistry, 40 (6), pp. 1081-1086.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347087376&partnerID=40&md5=f4845fe9638b5c3d0f50325ffba240e6
Kolos, N., Beryozkina, T., Orlov, V.	Cyclocondensations of β -aroylacrylic acids with heterocyclic O-diamines (2003) Heterocycles, 60 (9), pp. 2115-2122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043239242&partnerID=40&md5=7b82f2c528ff09a9ba1a1061da7d5cd
Lipson, V.V., Desenko, S.M., Shishkina, S.V., Shirobokova, M.G., Shishkin, O.V., Orlov, V.D.	Cyclocondensation of 2-aminobenzimidazole with dimesone and its arylidene derivatives (2003) Chemistry of Heterocyclic Compounds, 39 (8), pp. 1041-1047.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345867143&doi=10.1023%2f1026500490475166&partnerID=40&md5=a461665cd66dced5e730da7d464debe5
Kolos, N.N., Paponov, B.V., Orlov, V.D.	Reaction of 1,2-diamino-4,5-diphenylimidazole with 1,3-diarylpropenones and their dibromo derivatives (2003) Chemistry of Heterocyclic Compounds, 39 (6), pp. 771-775.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348134738&doi=10.1023%2f102651213713&partnerID=40&md5=7a8a845797c944e71fe33a40f7498c44
Kolos, N.N., Paponov, B.V., Orlov, V.D.	Formation of δ^2 -pyrazoline derivatives in the reaction of 1,5-diaminotetrazole with chalcones [7] (2003) Chemistry of Heterocyclic Compounds, 39 (2), pp. 280-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037817763&doi=10.1023%2f102650232363&partnerID=40&md5=4403281af11db8262946a92c1c62f674
Chebanov, V.A., Desenko, S.M., Shishkin, O.V., Kolos, N.N., Komykhov, S.A., Orlov, V.D. , Meier, H.	Tautomerism of diazepines fused with pyrimidine rings (2003) Journal of Heterocyclic Chemistry, 40 (1), pp. 25-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037282853&partnerID=40&md5=f42925ab46df7eb074d23a9d168dc4b7
Kolos, N.N., Berezkina, T.V., Orlov, V.D. , Surov, Yu.N., Ivanova, I.V.	Reaction of 3-benzoyl-2,3-dibromo-propionic acid with substituted ortho-phenylenediamines (2002) Chemistry of Heterocyclic Compounds, 38 (12), pp. 1491-1496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038708192&doi=10.1023%2f102697628823&partnerID=40&md5=db6562b1b65ff4dbb8b988729a81ecc1
Kolos, N.N., Beryozkina, T.V., Orlov, V.D.	Regioselective interaction of β -aroylacrylic acids with 1,2-diaminoimidazoles (2002) Mendelev Communications, 12 (3), pp. 91-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036342693&partnerID=40&md5=eab4857c485f3e2a33e25dfc6d10e06
Kolos, N.N., Beryozkina, T.V., Orlov, V.D. , Surov, Yu.N., Ivanova, I.V.	Interaction of 3-benzoyl-2,3-dibromopropionic acid with substituted ortho-phenylenediamines (2002) Khimiya Geterotsiklicheskih Soedinenii, (12), pp. 1690-1695.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038023014&partnerID=40&md5=fc61ecde1946720cc1e2972641d9e731
Kolos, N.N., Chebanov, V.A., Orlov, V.D. , Sitrov, Yu.N.	Synthesis and investigation of 5,6-dihydropteridin-4-ol aromatic derivatives (2001) Khimiya Geterotsiklicheskih Soedinenii, (6), pp. 819-827.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644364838&partnerID=40&md5=98c32294e359b374ed7000a1f1b5b33a
Kolos, N.N., Orlov, V.D. , Paponov, B.V., Shishkin, O.V.	2,3-Diamino-5-aryl-7-(4-nitrophenyl)-1,2,4-triazolo[1,5-a]pyrimidin-6-olates (2001) Khimiya Geterotsiklicheskih Soedinenii, (10), pp. 1407-1414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644397788&partnerID=40&md5=ad04b02f6d30b0d116e98460e745d0e6
Desenko, S.M., Gladkov, E.S., Komykhov, S.A., Shishkin, O.V., Orlov, V.D.	Partially hydrogenated aromatic derivatives of tetrazolo[1,5-a]pyrimidine (2001) Khimiya Geterotsiklicheskih Soedinenii, (6), pp. 811-818.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644386350&partnerID=40&md5=ab821223f9b747b8921d62a8efa1b5b5
Kolos, N.N., Tishchenko, A.A., Orlov, V.D. , Berezkina, T.B., Shishkina, S.V., Shishkin, O.V.	Benzoylacrylic acid in reaction with substituted o-phenylenediamines (2001) Khimiya Geterotsiklicheskih Soedinenii, (10), pp. 1407-1414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7644226541&partnerID=40&md5=756b710dc1c0c6d304a20616cce98b3d

Desenko, S.M., Chernenko, V.N., Orlov, V.D. , Musatov, V.I.	New oxidation-reduction transformation of derivatives of 1,10b-dihydro-1H-pyrazolo[1,5-c]-1,3-benzoxazine and 7,12-dihydro-6H-[1]benzopyrano[4,3-d]-1,2,4-triazolo[1,5-a]pyrimidine [9] (2001) Chemistry of Heterocyclic Compounds, 37 (10), pp. 1312-1313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035494948&doi=10.1023%2FA%3a1013834618641&partnerID=40&md5=8e06012169813bf2f71d62bfa3e690d
Kolos, N.N., Tishchenko, A.A., Orlov, V.D. , Berezkina, T.V., Shishkina, S.V., Shishkin, O.V.	The reaction of benzoylacrylic acid with ortho-phenylenediamines (2001) Chemistry of Heterocyclic Compounds, 37 (10), pp. 1289-1295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035494956&doi=10.1023%2FA%3a1013866030936&partnerID=40&md5=3abd66e0fa91dd975bca78ca812d5d1c
Kolos, N.N., Chebanov, V.A., Orlov, V.D. , Surov, Yu.N.	Synthesis and study of aromatic derivatives of 5,6-dihydro-4-pteridinol (2001) Chemistry of Heterocyclic Compounds, 37 (6), pp. 755-762.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035382465&doi=10.1023%2FA%3a1011977615581&partnerID=40&md5=35a0f2a33d295edbc8102fa6a818d743
Desenko, S.M., Gladkov, E.S., Komykhov, S.A., Shishkin, O.V., Orlov, V.D.	Partially hydrogenated aromatic substituted tetrazolo[1,5-a]pyrimidines (2001) Chemistry of Heterocyclic Compounds, 37 (6), pp. 747-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035382470&doi=10.1023%2FA%3a1011925631511&partnerID=40&md5=ac516df876fc4496e0635881370519eb
Kolos, N.N., Orlov, V.D. , Paponov, B.V., Shishkin, O.V.	2,3-Diamino-5-aryl-7-(4-nitrophenyl)-1,2,4-triazolo[1,5-a]pyrimidinium-6-olates (2001) Chemistry of Heterocyclic Compounds, 37 (3), pp. 338-345.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035295490&doi=10.1023%2FA%3a1017563201359&partnerID=40&md5=f546c09959ab449a5ec2c237d910baf
Belyaev, A., Vorobyova, N., Dzyubak, A., Ivanchenko, I., Karelin, S., Karnauhov, I., Lukhanin, A., Orlov, V. , Popenko, N.	Millimeter magnetic spectroscopy of paramagnetic complexes Cr(V) (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947325, pp. 826-828.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966594424&doi=10.1109%2FMSMW.2001.947325&partnerID=40&md5=ce9f6e5d6b5b3bf4fe08a1c07d87ed05
Lipson, V.V., Desenko, S.M., Orlov, V.D. , Shishkin, O.V., Shirobokova, M.G., Chernenko, V.N., Zinov'eva, L.I.	Cyclocondensation of 3-amino-1,2,4-triazoles with esters of substituted cinnamic acids and aromatic unsaturated ketones (2000) Chemistry of Heterocyclic Compounds, 36 (11), pp. 1329-1335.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034334044&doi=10.1023%2FA%3a1017513803879&partnerID=40&md5=94c3b6c25975e27b655fc13e9b0453b2
Lipson, V.V., Orlov, V.D. , Desenko, S.M., Shishkina, S.V., Shishkin, O.V., Shirobokova, M.G.	1,2,3,4-tetrahydropyrimido-[1,2-a]benzimidazol-2- and -4-ones (2000) Chemistry of Heterocyclic Compounds, 36 (9), pp. 1039-1043.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034285459&doi=10.1023%2FA%3a100277714158&partnerID=40&md5=c11ce6433c9ceff7656274d3ee4c9fa3
Komykhov, S.A., Desenko, S.M., Kaganovsky, A.S., Orlov, V.D. , Meier, H.	1,2-methyl shift in the reaction of 4,7-dihydro-4,5-dimethyl-7-phenyl- (1,2,4)-triazolo[1,5-a]pyrimidine with tosyl azide (2000) Journal of Heterocyclic Chemistry, 37 (1), pp. 195-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034102779&partnerID=40&md5=7f2488c288eb3cc8563cc8700d18c804
Kolos, N.N., Orlov, V.D. , Paponov, B.V., Shishkin, O.V.	Synthesis of dihydro derivatives of 2-amino-4,5,7-triarylimidazo[1,5-b]pyridazine (1999) Chemistry of Heterocyclic Compounds, 35 (10), pp. 1207-1213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1242281009&partnerID=40&md5=56ad838bf70c57c88ac350e2eb55fa11
Kolos, N.N., Chebanov, V.A., Orlov, V.D.	Reaction of 5,6-diamino-1,3-dimethyluracil with arylideneacetones and arylidenecyanones (1999) Chemistry of Heterocyclic Compounds, 35 (9), pp. 1085-1088.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644575803&partnerID=40&md5=dc0c6da0a5f682c77de0a19da35b52a9
Kolos, N.N., Orlov, V.D. , Paponov, B.V., Shishkin, O.V., Baumer, S.V., Kvashnitskaya, N.A.	Stable 1,2,4-triazolo[1,5-a]-pyrimidinium salts (1999) Chemistry of Heterocyclic Compounds, 35 (6), pp. 708-715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544442692&partnerID=40&md5=b712047060f354835c3f5e0ba828e402
Desenko, S.M., Getmanski, N.V., Chernenko, V.N., Zemlin, I.M., Shishkin, O.V., Orlov, V.D.	Aryl-substituted 1,10b-dihydro-5H-pyrazolo[1,5-c]-1,3-benzoxazines (1999) Chemistry of Heterocyclic Compounds, 35 (6), pp. 716-721.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544509500&partnerID=40&md5=4ef1c7af3a91314591d8aaf7bc36b25e
Desenko, S.M., Gladkov, E.S., Getmanski, N.V., Zemlin, I.M., Orlov, V.D.	Imine-enamine tautomerism of dihydroazolopyrimidines. 6. Synthesis and tautomerism of thienyl derivatives of dihydro-1,2,4-triazolo[1,5-a]pyrimidines (1999) Chemistry of Heterocyclic Compounds, 35 (5), pp. 608-612.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544440640&partnerID=40&md5=3399aedeb0e6671d2966ee3da42416b
Lipson, V.V., Orlov, V.D. , Desenko, S.M., Karnozhetskaya, T.M., Shirobokova, M.G.	Reaction of arylidene derivatives of Meldrum's acid with 3-amino-1,2,4-triazole (1999) Chemistry of Heterocyclic Compounds, 35 (5), pp. 595-599.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544448671&partnerID=40&md5=7541a6f82160bba6dd1476adc9bd39b8
Desenko, S.M., Lipson, V.V., Shishkin, O.V., Koraykhov, S.A., Orlov, V.D. , Lakin, E.E., Kuznetsov, V.P., Meier, H.	Cyclocondensation of 3-amino-1,2,4-triazole with substituted methyl cinnamates (1999) Journal of Heterocyclic Chemistry, 36 (1), pp. 205-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032905319&partnerID=40&md5=a6cd5df02726376dc2ec60df116ced3
Desenko, S.M., Komykhov, S.A., Orlov, V.D. , Meier, H.	Cyclocondensation of 6-Acetyl-4,7-dihydro-5-methyl-7-phenyl[1,2,4]triazolo[1,5-a]pyrimidine with Hydroxylamine and Hydrazine (1998) Journal of Heterocyclic Chemistry, 35 (4), pp. 989-990.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000724887&partnerID=40&md5=bfeafe9af88b3d6dc3db9bf2d67b1bde
Kalos, N.N., Orlov, V.D. , Paponov, B.V., Baumer, V.N.	Synthesis of 2-amino-4,5,7-triarylimidazo[1,5-b]pyridazines (1998) Khimiya Geterotsiklichesikh Soedinenii, (10), pp. 1397-1403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19944417645&partnerID=40&md5=b0d293979641c2036e0840df2506876d
Shishkin, O.V., Abakumov, P.N., Desenko, S.M., Getmanski, N.V., Orlov, V.D.	Molecular and crystal structures of 11-phenyl-4,9,10,11-tetrahydro-1,2,4-triazolo[5,1-b]naphtho[1,2-d]pyrimidine: The nature of disorder in the dihydronaphthalene fragment (1998) Kristallografiya, 43 (1), pp. 39-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043055797&partnerID=40&md5=27b952f813a7b7952ba1d104ef988b6a
Kolos, N.N., Orlov, V.D. , Paponov, B.V., Baumer, V.N.	Synthesis of 2-amino-4,5,7-triarylimidazo[1,5-b]pyridazines (1998) Chemistry of Heterocyclic Compounds, 34 (10), pp. 1189-1194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000026386&partnerID=40&md5=ba8d5cc62ca3cb8218dcc387b7dcab02
Borbulevych, O.Ya., Shishkin, O.V., Desenko, S.M., Chernenko, V.N., Orlov, V.D.	5-Amino-3-trifluoromethyl-1H-1,2,4-triazole (1998) Acta Crystallographica Section C: Crystal Structure Communications, 54 (3), pp. 442-444.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032025127&partnerID=40&md5=294b98c26441a4fc0d7da5a699f0fb33
Shishkin, O.V., Abakumov, P.N., Desenko, S.M., Getmanski, N.V., Orlov, V.D.	Molecular and crystal structures of 11-phenyl-4,9,10,11-tetrahydro-1,2,4-triazolo[5,1-b]naphtho[1,2-d]pyrimidine: The nature of disorder in the dihydronaphthalene fragment (1998) Crystallography Reports, 43 (1), pp. 34-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032351098&partnerID=40&md5=ab92df237eb671a5bf4e38c2899647
Shishkin, O.V., Getmanski, N.V., Orlov, V.D. , Struchkov, Yu.T.	Molecular and crystal structure and polymorphism of 2-methyl-2-(4-bromophenyl)-5-phenyl-6,6'-dihydro-2H-pyrazolo[1,5-c]benzo[e]-1,3-oxazine (1997) Kristallografiya, 42 (2), pp. 287-292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748277398&partnerID=40&md5=2092db35f2e34d465bb91ba288444764
Shishkin, O.V., Kolos, N.N., Orlov, V.D.	Molecular and crystal structure of N,N'-dimethyl-5,6-diaminouracil (1997) Kristallografiya, 42 (2), pp. 293-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011715062&partnerID=40&md5=2c8ec9360651cae6458ba50dea0a2fcf
Gella, I.M., Amadu, R.Y., Cherkaev, G.V., Fialkova, S.V., Orlov, V.D.	2-Pyrazolines on the basis of diarylidene-cyclohexanones. Synthesis and stereochemistry of N-thiocarbamoyl and N-thiazolyl derivatives (1997) Chemistry of Heterocyclic Compounds, 33 (12), pp. 1425-1429.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544506554&partnerID=40&md5=a3d05ae5d5ada9fbbec09546b91a0d
Gella, I.M., Yaya, A.R., Cherkaev, G.V., Fialkova, S.V., Orlov, V.D.	Pyrazolines-2 on diarylidene-cyclohexanone basis. Synthesis and stereochemistry of N-thiocarbamoyl- and N-thiazolyl derivatives (1997) Khimiya Geterotsiklichesikh Soedinenii, (12), pp. 1650-1654.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644398405&partnerID=40&md5=d8bab0419f09f5825b60dda2d13a7f98
Kovalevsky, A.Yu., Chebanov, V.A., Desenko, S.M., Komykhov, S.A., Orlov, V.D. , Shishkin, O.V., Meier, H.	6a,7-dihydro-2,6-dimethyl-7-phenyl-6H-chromeno[4,3-d]-1,2,4-triazolo[1,5-a]-pyrimidin-6a-ol (1997) Acta Crystallographica Section C: Crystal Structure Communications, 53 (9), pp. 1356-1357.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242829060&partnerID=40&md5=9173caa0922a58a5829b15188740e80a
Shishkin, O.V., Kolos, N.N., Orlov, V.D.	Molecular and crystal structure of N,N'-dimethyl-5,6-diaminouracil (1997) Crystallography Reports, 42 (2), pp. 253-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031534391&partnerID=40&md5=378b2b26b336c45a4da27dc32f0ae901
Shishkin, O.V., Getmanski, N.V., Orlov, V.D. , Struchkov, Yu.T.	Molecular and crystal structure and polymorphism of 6,6'-dihydro-2-(4-bromophenyl)-2-methyl-5-phenyl-2H-pyrazolo[1,5-c]benz[e]-1,3-oxazine (1997) Crystallography Reports, 42 (2), pp. 247-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031497793&partnerID=40&md5=3d23d412f46a16cf4e92055bbc1ff2a8
Orlov, V.D. , Arisa, D., Shishkin, O.V., Struchkov, Yu.T., Vorobyeva, N.P.	Reaction of 4-nitro-1,2-phenylenediamine with 1-(4-R-phenyl)-3-(4-nitrophenyl)propanones (1996) Khimiya Geterotsiklichesikh Soedinenii, (1), pp. 87-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20644433954&partnerID=40&md5=e449b43d3d052a386f99b31b8289c80f

Kolos, N.N., Orlov, V.D. , Arisa, D., Shishkin, O.V., Struchkov, Yu.T., Vorob'eva, N.P.	Reaction of 4-nitro-1,2-phenylenediamine with 1-(4-R-phenyl)-3-(4-nitrophenyl)propanones (1996) Chemistry of Heterocyclic Compounds, 32 (1), pp. 78-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25144452499&partnerID=40&md5=b9912c65c4d9b1a0cc41bdf7a9cb90f
Kolos, N.N., Orlov, V.D. , Chebanov, V.A., Shishkin, O.V., Kuznetsov, V.P., Kulikov, A.Yu.	New reactions of cyclization and recyclization of derivatives of 1,3-dimethyl-5,6-diaminouracil (1996) Chemistry of Heterocyclic Compounds, 32 (7), pp. 838-843.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25444507981&partnerID=40&md5=b5ba04a17854a7205ce24c37852f0f4e
Kolos, N.N., Orlov, V.D. , Chebanov, V.A., Shishkin, O.V., Kuznetsov, V.P., Kulikov, A.Yu.	New cyclization and recyclization reactions of 1,3-dimethyl-5,6-diaminouracil derivatives (1996) Khimiya Geterotsiklicheskikh Soedinenii, (7), pp. 978-983.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243609216&partnerID=40&md5=0335ebbc3a1c08f5361346b8afba2e756
Desenko, S.M., Orlov, V.D. , Getmansky, N.K., Komykhov, S.A., Paponov, B.V., Kovalevsky, A.Yu., Shishkin, O.V., Struchkov, Yu.T.	Synthesis and structure of 3,7-dihydro-2H-1,2,4-triazolo[1',5'-a']pyrimido[4,5-d]benzo[b]pyran derivatives (1996) Khimiya Geterotsiklicheskikh Soedinenii, (2), pp. 240-246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644381407&partnerID=40&md5=177a7a5b9e451376cee0e51035947701
Desenko, S.M., Orlov, V.D. , Getmanski, N.V., Komykhov, S.A., Paponov, B.V., Kovalevskii, A.Yu., Shishkin, O.V., Struchkov, Yu.T.	Synthesis and structure of 3,7-dihydro-2H-1,2,4-triazolo-[1',5'-a']tripyrimido[4,5-d] benzo[b]pyrans (1996) Chemistry of Heterocyclic Compounds, 32 (2), pp. 215-220.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25444459435&partnerID=40&md5=a9da0520ba059fe96f9291aa8a86698
Orlov, V.D. , Kaluski, Z., Figas, E., Potekhin, K.A., Shishkin, O.V.	Crystal and molecular structure of 2-(4-nitrobenzylidene)-1-tetralone (1996) Journal of Structural Chemistry, 37 (3), pp. 517-519.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544503634&partnerID=40&md5=079ee81658cf83b71860faf3d2220d46
Kolos, N.N., Shishkin, O.V., Orlov, V.D. , Struchkov, Yu.T.	Structure of the products of the reaction of 5,6-diamino-1,3-dimethyluracil with 1,3-diaryl-2, 3-dihalopropanones (1995) Chemistry of Heterocyclic Compounds, 31 (4), pp. 485-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013447936&doi=10.1007%2F01177023&partnerID=40&md5=5f4d68526df51a2791197f8f7de7500f
Nikanorov, V.A., Rogachev, A.D., Orlov, V.D.	Two-step oxidative one pot functionalization of 2-benzylidene-1-tetralone in the PdII/CuII/Na2CO3-MeOH system: a novel route to 2-(α -methoxy)benzyl-1,4-naphthoquinone (1995) Russian Chemical Bulletin, 44 (5), pp. 958-959.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951610386&doi=10.1007%2F00696937&partnerID=40&md5=1aca9559e77abe9067b805a55be122b9
Kolos, N.N., Orlov, V.D. , Yuzefovskaya, E.Ya., Yaremenko, F.G., Vorob'eva, N.P., Shishkin, O.V., Struchkov, Yu.T., Ivkov, S.M.	Synthesis of aromatic derivatives of 1,5-benzodiazepine in the reaction of 4-nitro-o-phenylenediamine with chalcone dibromides (1995) Chemistry of Heterocyclic Compounds, 31 (7), pp. 827-834.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861687879&doi=10.1007%2F01170744&partnerID=40&md5=fda5d5e406978724dc8adfcf70a2eb0
Shishkin, O.V., Polyakova, A.S., Prezhdo, O.V., Desenko, S.M., Orlov, V.D. , Struchkov, Yu.T.	Effect of electronic interactions between double bonds on the conformational flexibility of 1,4-cyclohexadiene (1994) Russian Chemical Bulletin, 43 (9), pp. 1587-1588.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040228573&doi=10.1007%2F00697157&partnerID=40&md5=afb45ca98bf731192d3861ae5e013f9
Shishkin, O.V., Desenko, S.M., Orlov, V.D. , Lindeman, S.V., Struchkov, Yu.T.	The effect of substituents on the conformational mobility of the heterocycle in 1,4-dihydropyrimidine and its derivatives (1994) Russian Chemical Bulletin, 43 (8), pp. 1320-1323.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844520807&doi=10.1007%2F00703685&partnerID=40&md5=79db2b99dd7853a4ce0e337c632c165d
Shishkin, O.V., Desenko, S.M., Orlov, V.D. , Lindeman, S.V., Struchkov, Yu.T., Polyakova, A.S., Mikhed'kina, E.I.	The effect of the azole ring on the conformational mobility of the dihydropyrimidine ring in 4,7-dihydroazolo[1,5-a]pyrimidines as judged from MNDO calculations (1994) Russian Chemical Bulletin, 43 (8), pp. 1343-1345.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039636620&doi=10.1007%2F00703690&partnerID=40&md5=4ef61125b1c405f7685fcc780f1cfd10
Orlov, V.D. , Kaluski, Z., Borob'eva, N.P., Figas, E., Tishchenko, A.A., Yaremenko, F.G.	Aziridinylketones and their cyclic anils. 12 (1994) Chemistry of Heterocyclic Compounds, 30 (8), pp. 964-971.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249758724&doi=10.1007%2F01165037&partnerID=40&md5=5fddb2e960d2fbb1f928fac55133ad4
Orlov, V.D. , Vorobyeva, N.P., Kaluski, Z., Figas, E., Potekhin, K.A.	Crystal and molecular structure of 5-(4-chlorophenyl)-7-(4-nitrophenyl)-1,4-diazabicyclo[4.1.0]hept-4-ene (1994) Journal of Structural Chemistry, 35 (4), pp. 556-559.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51649136749&doi=10.1007%2F02578371&partnerID=40&md5=541b512f33712f1f96f950acc556a960
Desenko, S.M., Shishkin, O.V., Orlov, V.D. , Lipson, V.V., Lindeman, S.V., Struchkov, Yu.T.	Synthesis and structure of 4,5,6,7-tetrahydro-1,2,4-triazolo[1,5-a]pyrimidines (1994) Chemistry of Heterocyclic Compounds, 30 (7), pp. 851-855.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249762481&doi=10.1007%2F01169645&partnerID=40&md5=f563eda8f43276ad235a7d3f5bb1a9a9
Shishkin, O.V., Polyakova, A.S., Desenko, S.M., Orlov, V.D. , Lindeman, S.V., Struchkov, Yu.T.	Conformational analysis of 3,4-dihydropyridine and its alkyl derivatives (1994) Russian Chemical Bulletin, 43 (6), pp. 944-947.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844520804&doi=10.1007%2F01558053&partnerID=40&md5=b5e5cd4cf4a8b6cad47c7a2410bfd6e
Desenko, S.M., Orlov, V.D. , Lipson, V.V., Ryndina, E.N., Chuvurin, A.V., Kirichenko, A.A., Gorbchenko, N.I.	Synthesis and pharmacological activity of N-pyrimidinylsuccinamic acids and succinimides (1994) Pharmaceutical Chemistry Journal, 28 (3), pp. 154-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249762921&doi=10.1007%2F02218988&partnerID=40&md5=f6de565fa45dc33fc5d9ba62b5e6a4a9
Lipson, V.V., Desenko, S.M., Orlov, V.D. , Ryndina, E.N., Chuvurin, A.V., Gorbchenko, N.I., Kirichenko, A.A.	1,4-Dihydropyrimido[1,2-a]benzimidazoles and their biological activity (1994) Pharmaceutical Chemistry Journal, 28 (2), pp. 92-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249771614&doi=10.1007%2F02220015&partnerID=40&md5=8a218f2687956e78e97f00cc33f1c238
Kaluski, Z., Figas, E., Vorobyeva, N.P., Orlov, V.D.	Crystal and molecular structure of 2-(4-methoxyphenyl)-4-phenyl-6-(4-nitrophenyl)-1,3-diazabicyclo-[3.1.0]hex-3-ene (1994) Journal of Structural Chemistry, 35 (1), pp. 134-137.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51649145938&doi=10.1007%2F02578514&partnerID=40&md5=cca52071513cf33d1f51cde68c1c348e
Vertii, A.A., Orlov, V.D. , Popenko, N.A., Moveseyan, G.D., Vorob'yova, N.P., Tarapov, S.I., Ivanchenko, I.V., Kolos, N.N., Arustamova, M.E.	EPR spectroscopy of stable CrV complexes (1994) Journal of Applied Spectroscopy, 60 (5), pp. 368-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951509996&doi=10.1007%2F02606332&partnerID=40&md5=b6778804ad09c0c97c73d6cca5f7fd07
Shishkin, O.V., Getmansky, N.V., Desenko, S.M., Orlov, V.D. , Lindeman, S.V., Struchkov, Yu.T.	Molecular and crystal structure of 5,7-diphenyl-7-methyl-4,7-dihydro-1,2,4-triazolo[1,5-a]pyrimidine (1993) Russian Chemical Bulletin, 42 (11), pp. 1827-1829.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347727021&doi=10.1007%2F00698996&partnerID=40&md5=beb59451246a10828857bcfd495f5fa
Desenko, S.M., Orlov, V.D. , Getmanski, N.V., Komykhov, S.A.	Imine-enamine tautomerization of dihydroazolopyrimidines 4. Synthesis and tautomerization of 5-(2-hydroxyphenyl)-dihydro-1,2,4-triazolo[1,5-a]pyrimidines (1993) Chemistry of Heterocyclic Compounds, 29 (10), pp. 1160-1162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249772939&doi=10.1007%2F00538061&partnerID=40&md5=d8a0f0eed717f961fb42e98e056f5512
Orlov, V.D. , Getmanski, N.V., Paponov, B.P., Komykhov, S.A.	Derivatives of a new heterocyclic system - 4,11-dihydro-10H-1,2,4-triazolo[1,5-a]pyrimido[6,5-c]benzo[b]pyrans (1993) Chemistry of Heterocyclic Compounds, 29 (10), pp. 1234-1235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249772982&doi=10.1007%2F00538076&partnerID=40&md5=d42ebc92a668aa3c3e307e8d90a934e
Kolos, N.N., Orlov, V.D. , Yur'eva, E.Yu., Zhidkova, E.V.	Cyclocondensation of 4-hydroxy-5,6-diaminopyrimidine with α,β -dihalochalcones (1993) Chemistry of Heterocyclic Compounds, 29 (10), pp. 1210-1214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013365544&doi=10.1007%2F00538070&partnerID=40&md5=7da9e404da8bed31b1bbdd00fd44d2b7
Desenko, S.M., Orlov, V.D. , Shishkin, O.V., Barykin, K.E., Lindeman, S.V., Struchkov, Yu.T.	Imine-enamine tautomerism of dihydroazolopyrimidines 5. Steric effects and the tautomeric equilibrium for dihydro-1,2,4-triazolo[1,5-a]pyrimidines (1993) Chemistry of Heterocyclic Compounds, 29 (10), pp. 1163-1168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845412131&doi=10.1007%2F00538062&partnerID=40&md5=bb546650b0acb264ce91610ab4822c18
Shishkin, O.V., Timofeeva, T.V., Desenko, S.M., Orlov, V.D. , Lindeman, S.V., Struchkov, Yu.T.	Cycle mobility in 1,4-dihydropyridine and its monoalkyl and phenyl derivatives (1993) Russian Chemical Bulletin, 42 (7), pp. 1160-1162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043150383&doi=10.1007%2F00701996&partnerID=40&md5=414a8902b22ca7f00ef56b91031f4c91
Shishkin, O.V., Zarkhin, V.B., Desenko, S.M., Orlov, V.D. , Timofeeva, T.V., Lindeman, S.V., Struchkov, Yu.T.	Effect of substituents at atoms of double bonds on the conformation of the 1,3-cyclohexadiene ring (1993) Theoretical and Experimental Chemistry, 28 (4), pp. 262-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250079248&doi=10.1007%2F00530285&partnerID=40&md5=3628ab6b2fa563497a60b7fe5ad2731b
Shishkin, O.V., Zarkhin, V.B., Desenko, S.M., Orlov, V.D. , Timofeeva, T.V., Struchkov, Yu.T.	Cycle inversion in 1,3-cyclohexadiene and its 5-alkyl derivatives (1993) Russian Chemical Bulletin, 42 (6), pp. 1100-1102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039636619&doi=10.1007%2F00704208&partnerID=40&md5=49f212469e23e0fbfc1f67d516883d0d
Desenko, S.M., Orlov, V.D. , Lipson, V.V., Shishkin, O.V., Lindeman, S.V., Struchkov, Yu.T.	3-Hydroxypyrimido[1,2-a]benzimidazoles (1993) Chemistry of Heterocyclic Compounds, 29 (5), pp. 588-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250076331&doi=10.1007%2F00534475&partnerID=40&md5=dded5e66203b63ab2c2cb4aa374c289e

Desenko, S.M., Orlov, V.D. , Getmanskii, N.V., Shishkin, O.V., Lindeman, S.V., Struchkov, Yu.T.	Three component condensation of 3-amino-1,2,4-triazole with carbonyl compounds. A new synthesis of 1,2,4-triazolo[1,5-a]pyrimidines (1993) Chemistry of Heterocyclic Compounds, 29 (4), pp. 406-410.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845770857&doi=10.1007%2FBF00529878&partnerID=40&md5=d83792aa2cb8fcdcaac22fc736882b
Orlov, V.D. , Getmanskii, N.V., Shishkin, O.V., Lakin, E.E., Kuznetsov, V.P.	Pyrazolines - Derivatives of 2-nitrochalcone (1993) Chemistry of Heterocyclic Compounds, 29 (3), pp. 301-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250083781&doi=10.1007%2FBF00531506&partnerID=40&md5=a71d273557447a825e63a8f6c1fa66cf
Desenko, S.M., Orlov, V.D. , Lipson, V.V., Shishkin, O.V., Potekhin, K.A., Struchkov, Yu.T.	Synthesis and oxidation of aromatic substituted 6,7-dihydropyrazolo[1,5-a]pyrimidines (1993) Chemistry of Heterocyclic Compounds, 29 (1), pp. 95-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250073752&doi=10.1007%2FBF00528644&partnerID=40&md5=6d6c0cd86a47ed7903dc761646825fe7
Orlov, V.D. , Kolos, N.N., Tuéni, M., Yur'eva, E.Yu., Ivkov, S.M.	Reactions of 5,6-diamino-1,3-dimethyluracil with halogen derivatives of chalcones (1992) Chemistry of Heterocyclic Compounds, 28 (7), pp. 788-794.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013366772&doi=10.1007%2FBF00474491&partnerID=40&md5=4f322fa1b24b20224a44a8151a3fbc93
Desenko, S.M., Orlov, V.D. , Shishkin, O.V., Lipson, V.V., Lindeman, S.V., Struchkov, Yu.T.	Molecular structure and tautomeric conversions of 5-(4-dimethylaminophenyl)-7-phenyl-6,7-dihydro-1,2,4-triazolo[1,5-a]pyrimidine (1992) Chemistry of Heterocyclic Compounds, 28 (7), pp. 776-778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250079523&doi=10.1007%2FBF00474491&partnerID=40&md5=3ff13a05325a65a059d79a84aca01c36
Orlov, V.D. , Khvat, A.V., Kolos, N.N.	Reaction of arylglyoxals with 3-methyl-1-phenyl-5-pyrazolone (1992) Chemistry of Heterocyclic Compounds, 28 (4), pp. 479-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249842438&doi=10.1007%2FBF00767017&partnerID=40&md5=cd6fd8f0ae4b50a3854374d61d713665
Orlov, V.D. , Kolos, N.N., Kiroga, Kh., Kaluski, Z., Figas, E., Potekhin, K.A.	Reactions of 4,5-diaminopyrazoles with chalcones and acetylenes (1992) Chemistry of Heterocyclic Compounds, 28 (4), pp. 424-427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249841359&doi=10.1007%2FBF00767017&partnerID=40&md5=06a7843719b56efe5c6504e0c4310f6
Kolos, N.N., Orlov, V.D. , Slobodina, E.K., Yur'eva, E.Yu., Korshunov, S.P., van Tué, Z.	Condensed systems based on 4-amino-3-mercapto-1,2,4-triazole (1992) Chemistry of Heterocyclic Compounds, 28 (2), pp. 222-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249842246&doi=10.1007%2FBF00473950&partnerID=40&md5=97469134846d785f289ca435c41b2388
Desenko, S.M., Orlov, V.D. , Lipson, V.V., Shishkin, O.V., Lindeman, S.V., Struchkov, Yu.T.	Imine-enamine tautomerism of dihydroazolopyrimidines. 3. 5-Aryl-substituted 4,7(6,7)-dihydro-1,2,4-triazolo[1,5-a]pyrimidines (1991) Chemistry of Heterocyclic Compounds, 27 (11), pp. 1242-1246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845429258&doi=10.1007%2FBF00471754&partnerID=40&md5=5f4dd0eeb799b2c4f900cfd4a1b48a0
Desenko, S.M., Orlov, V.D. , Lipson, V.V., Éstrada, Kh.	Imine-enamine tautomerism in dihydroazolopyrimidines. 2. Synthesis and tautomerism of 1,4(3,4)-dihydropyrimido[1,2-a]benzimidazoles (1991) Chemistry of Heterocyclic Compounds, 27 (9), pp. 976-980.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249838758&doi=10.1007%2FBF00484361&partnerID=40&md5=cd3676ed9720cad4574508ed7f09148c
Kaluski, Z., Gzhesyak-Figas, E., Orlov, V.D. , Yaremenko, F.G.	Crystal and molecular structure of 2-(4-nitrophenyl)-3-benzoylaziridine (1991) Journal of Structural Chemistry, 31 (5), pp. 829-832.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249954484&doi=10.1007%2FBF00752573&partnerID=40&md5=14747747c6383ced503468f9d34b4c4
Orlov, V.D. , Vorob'eva, N.P., Tishchenko, A.A., Pikalev, O.M., Popov, V.I., Yagupolskii, L.M.	Aziridinyl ketones and their cyclic anils. 11. Fluorine-containing photochromes (1991) Chemistry of Heterocyclic Compounds, 27 (9), pp. 942-946.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249834513&doi=10.1007%2FBF00484355&partnerID=40&md5=9c23fa7cd57b93543bfc475f12408c4b
Orlov, V.D. , Getmanskii, N.V., Oksenchik, I.A., Iksanova, S.V.	Substituted 1,10b-dihydro-5H-pyrazolo[1,5-c]-1,3-benzoxazines (1991) Chemistry of Heterocyclic Compounds, 27 (8), pp. 910-914.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249831276&doi=10.1007%2FBF00472299&partnerID=40&md5=93d043971fef4e0e83e757f3b5bb0185
Orlov, V.D. , Kaluski, Z., Figas, E., Vorob'eva, N.P., Bakumenko, A.I., Yaremenko, F.G.	Aziridinyl ketones and their cyclic anils. 10. 2,4,6-Triaryl-1,3-diazabicyclo[3.1.0]hex-3-enes (1991) Chemistry of Heterocyclic Compounds, 27 (8), pp. 849-854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249841611&doi=10.1007%2FBF00472284&partnerID=40&md5=6a26a2d3638d9741f60c0b97b53edddff
Desenko, S.M., Orlov, V.D. , Estrada, J., Ivkov, S.M.	Condensation of amino azoles with benzocycloalkanes and dimethylformamide (1991) Chemistry of Heterocyclic Compounds, 27 (5), pp. 555-556.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845732267&doi=10.1007%2FBF00474009&partnerID=40&md5=30d65d23c17c6f55c7abe3cf9725a541
Orlov, V.D. , Vorob'eva, N.P., Tishchenko, A.A., Krainov, I.P.	Photochromism of cyclic aziridinylanils (1991) Journal of Applied Spectroscopy, 54 (4), pp. 403-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249921403&doi=10.1007%2FBF00665585&partnerID=40&md5=9a617fb8e7fd2912123aa9e5b6be53bb
Orlov, V.D. , Kolos, N.N., Zhidkova, E.V., Papiashvili, I.Z.	2,4-Diaryl-2,3-dihydro-1H-pyrimido[5,6-b]-1,5-diazepines (1991) Chemistry of Heterocyclic Compounds, 27 (2), pp. 205-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249924731&doi=10.1007%2FBF00476758&partnerID=40&md5=cc2975a17e3a3c9df833ab00a860e85a
Desenko, S.M., Orlov, V.D. , Beskorovainyi, V.I.	Tautomerism of dihydro-1,2,4-triazolo[1,5-a]pyrimidines containing 2-hydroxy- and 4-dimethylaminoaryl substituents (1991) Chemistry of Heterocyclic Compounds, 27 (2), pp. 201-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249922018&doi=10.1007%2FBF00476757&partnerID=40&md5=5e554f0feaf079c55cf180d97c4a9092
Desenko, S.M., Éstrada, K., Orlov, V.D. , Ponomarev, O.A.	Carbocycle annelated 1,2,4-triazolo[1,5-a]pyrimidines (1991) Chemistry of Heterocyclic Compounds, 27 (1), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249928255&doi=10.1007%2FBF00633226&partnerID=40&md5=fa27b04d9e72b72f1b044d5f4ad7841e
Desenko, S.M., Orlov, V.D. , Lipson, V.V.	Chemical conversions of 5,7-disubstituted dihydro-1,2,4-triazolo[1,5-a]pyrimidines (1990) Chemistry of Heterocyclic Compounds, 26 (12), pp. 1362-1366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013684049&doi=10.1007%2FBF00473964&partnerID=40&md5=a5e9ca3c80be7092fa3fd910c911a53
Desenko, S.M., Orlov, V.D. , Gaponik, P.N., Karavai, V.P.	5,7-diaryl-5,6-dihydro-4H-tetrazolo[1,5-b]-1,2,4-triazepines (1990) Chemistry of Heterocyclic Compounds, 26 (11), pp. 1278-1280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249925409&doi=10.1007%2FBF00476985&partnerID=40&md5=32f5cf5fe5d25dc92af4140359d181de
Desenko, S.M., Kolos, N.N., Tuéni, M., Orlov, V.D.	Cyclocondensation of chalcones with di- and triamino-1,2,4-triazoles (1990) Chemistry of Heterocyclic Compounds, 26 (7), pp. 782-784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249924789&doi=10.1007%2FBF00509707&partnerID=40&md5=1d79662a1a47c191b5053894ca6caec6
Desenko, S.M., Orlov, V.D. , Éstrada, Kh.	Formation of derivatives of 1,2,4-triazoloquinazolines in the reactions of 3-amino-1,2,4-triazoles with cyclohexanone (1990) Chemistry of Heterocyclic Compounds, 26 (7), pp. 839-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845736512&doi=10.1007%2FBF00509729&partnerID=40&md5=ea05250400a7ae9ea4fb0fbf21da1d4
Dedik, S.G., Orlov, V.D. , Édzhinya, A.S., Khodorkovskii, V.Yu., Neiland, O.Ya.	Tetrahalotetraazafulvalenes - New strong electron acceptors (1989) Chemistry of Heterocyclic Compounds, 25 (10), p. 1191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249957954&doi=10.1007%2FBF00470704&partnerID=40&md5=fc28f03c1c8ba6b40c63c0bcd9c11526
Desenko, S.M., Orlov, V.D.	Cyclocondensation of chalcones with 2-amino- and 1,2-diaminobenzimidazoles (1989) Chemistry of Heterocyclic Compounds, 25 (8), pp. 894-898.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24944478178&doi=10.1007%2FBF00479608&partnerID=40&md5=16f2c4cd0711c47ab60ed599a918666b
Kaluski, Z., Gzhesyak-Figas, A., Vorob'eva, N.P., Bakumenko, A.I., Yaremenko, F.G., Orlov, V.D.	Aziridinyl ketones and their cyclic anils. 9. Substituted 1,3-diazabicyclo[3.1.0]hex-3-enes (1989) Chemistry of Heterocyclic Compounds, 25 (8), pp. 888-893.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249952667&doi=10.1007%2FBF00479607&partnerID=40&md5=d2bd48dec02ea696ddcf2dbe555d123
Desenko, S.M., Orlov, V.D.	Tautomeric forms of 5-(2-hydroxyphenyl)-7-phenyldihydro-1,2,4-triazolo[1,5-a]pyrimidine (1989) Chemistry of Heterocyclic Compounds, 25 (7), p. 840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249953512&doi=10.1007%2FBF00472765&partnerID=40&md5=8a9b860c48b8689b00e22e44a55694b
Kaluski, Z., Grezesiak, E., Orlov, V.D. , Kolos, N.N.	Crystal and molecular structure of 2,4-diphenyl-2,3-dihydro-1H-1,5-benzodiazepine (1989) Journal of Structural Chemistry, 30 (3), pp. 529-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249975899&doi=10.1007%2FBF00751929&partnerID=40&md5=5c425584065390cd929bddec89792fce
Orlov, V.D. , Tuéni, M.K., Kolos, N.N., Nodefman, O.A.	Derivatives of 2H-pyrazolo[4,5-b]-1,4-thiazine (1989) Chemistry of Heterocyclic Compounds, 25 (2), pp. 221-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249967063&doi=10.1007%2FBF00479923&partnerID=40&md5=cf93a35ed540ffbc2fb8c5c3ad68cf1
Orlov, V.D. , Desenko, S.M., Pivnenko, N.S.	Synthesis and tautomerism of 5,7-diaryl-4(7,6)-dihydro-1,2,4-triazolo[1,5-a]pyrimidines (1988) Chemistry of Heterocyclic Compounds, 24 (11), pp. 1233-1237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249968887&doi=10.1007%2FBF00633502&partnerID=40&md5=452b2983601233c9dc2a80622bdc8331
Orlov, V.D. , Kiroga, Kh., Kolos, N.N.	Bispyrazole[3,4-b:4':3'-e]pyrazines as self-condensation products from 4,5-diaminopyrazoles (1988) Chemistry of Heterocyclic Compounds, 24 (9), pp. 1008-1012.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749031507&doi=10.1007%2FBF00474045&partnerID=40&md5=3badbedf0b2051562852f23dd6631716

Orlov, V.D. , Kiroga, Kh., Kolos, N.N., Desenko, S.M.	Aryl-substituted 6,7-dihydropyrazolo[1,5-a]pyrimidine (1988) Chemistry of Heterocyclic Compounds, 24 (7), pp. 791-794.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24944506398&doi=10.1007%2FbF00633178&partnerID=40&md5=cc66c6e2113152d37fe3a065d13efce
Orlov, V.D. , Tuéni, M., Kolos, N.N., Getmanskii, N.V., Kiroga, Kh.	Reactions of 4,5-diamino-3-methyl-1-phenylpyrazole with aromatic haloketones (1988) Chemistry of Heterocyclic Compounds, 24 (6), pp. 643-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749037656&doi=10.1007%2FbF00475599&partnerID=40&md5=470d635f720e3ea6515bd48a514246d1
Orlov, V.D. , Vorob'eva, N.P., Demenkova, N.N., Chesnovskii, V.S., Yaremenko, F.G.	Aziridinyl ketones and their cyclic anils. 8. 1,2-Diaryl-1,1 a-dihydroazirino[1,2-a]quinoxalines from substitute o-phenylenediamines and chalcone dihydromides (1988) Chemistry of Heterocyclic Compounds, 24 (3), pp. 267-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747032214&doi=10.1007%2FbF00475321&partnerID=40&md5=2f5046d0508ec5d3c309195b99a789ec
Orlov, V.D. , Desenko, S.M., Potekhin, K.A., Struchkov, Yu.T.	Cyclocondensation of α,β -unsaturated ketones with 3-amino-1,2,4-triazole (1988) Chemistry of Heterocyclic Compounds, 24 (2), pp. 192-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845436468&doi=10.1007%2FbF00473331&partnerID=40&md5=870b22661aae110ccb01fa46111ea68f
Orlov, V.D. , Kiroga, Kh., Marrugo, A., Kolos, N.N., Iksanova, S.V.	Reactions of 4,5-diamino-3-methyl-1-phenylpyrazole with diarylideneacetones (1987) Chemistry of Heterocyclic Compounds, 23 (11), pp. 1254-1259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250089450&doi=10.1007%2FbF00479382&partnerID=40&md5=89659cca3fe56bcc032cec36c004ed60
Orlov, V.D. , Kiroga, Kh., Kolos, N.N.	Synthesis of aromatic pyrazolo[4,5-b]pyridine derivatives (1987) Chemistry of Heterocyclic Compounds, 23 (9), pp. 997-1001.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250093335&doi=10.1007%2FbF00475369&partnerID=40&md5=1d786ea9b25aeb4b6f56b1fd7418814
Orlov, V.D. , Desenko, S.M., Pivnenko, N.S.	Chemical properties of 2,2,4-trisubstituted 2,3-dihydro-1H-1,5-benzodiazepines (1987) Chemistry of Heterocyclic Compounds, 23 (8), pp. 899-902.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250096590&doi=10.1007%2FbF00473470&partnerID=40&md5=54d433081e5e4e0418b3cdef67a4642
Orlov, V.D. , Insuasti, B., Kolos, N.N.	3-Aryl-2-benzyl -1,2-dihydroquinoxalines (1987) Chemistry of Heterocyclic Compounds, 23 (6), pp. 685-687.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345239532&doi=10.1007%2FbF00486920&partnerID=40&md5=7602bedbf67fe2b901646a71af187d7
Orlov, V.D. , Desenko, S.M., Insuasti, B., Potekhin, K.A., Struchkov, Yu.T.	Study of products of reaction of diaroylethylenes with o-phenylenediamine and 1,3-dimethyl-5,6-diaminouracil (1987) Chemistry of Heterocyclic Compounds, 23 (4), pp. 435-439.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250106697&doi=10.1007%2FbF00546742&partnerID=40&md5=f45b207bd6f2cb1baa150151b9150292
Orlov, V.D. , Kiroga, Kh., Kolos, N.N.	Aromatic derivatives of 1H-2,3-dihydropyrazolo[4,5-b]-1,5-diazepine (1987) Chemistry of Heterocyclic Compounds, 23 (3), pp. 304-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250105846&doi=10.1007%2FbF00761990&partnerID=40&md5=bc54e27c29213d7375b61dd71897ab9
Gella, I.M., Vakula, V.N., Orlov, V.D.	Synthesis of 1-(4-alkanoilphenyl)-2-pyrazolines based on dithiolium salts (1987) Chemistry of Heterocyclic Compounds, 23 (3), pp. 358-359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250107479&doi=10.1007%2FbF00762004&partnerID=40&md5=c3238451bc1b7161dc8ea6f7385b7
Orlov, V.D. , Desenko, S.M., Kiroga, Kh.	Aromatic derivatives of 2,3-dihydro-1H-1,5-benzodiazepine (1987) Chemistry of Heterocyclic Compounds, 23 (3), pp. 311-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250106395&doi=10.1007%2FbF00761991&partnerID=40&md5=be3249bf793d1898fd6f97a8c3371a7
Orlov, V.D. , Tuéni, M., Kolos, N.N., Papiashvili, I.Z.	Aromatic derivatives of 2H-pyrimidino[5,6-b]-1,4-thiazine (1987) Chemistry of Heterocyclic Compounds, 23 (2), pp. 232-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250104600&doi=10.1007%2FbF00663870&partnerID=40&md5=6e892a4560aa2964105db83e8ff56ffb
Kolos, N.N., Insuasti, B., Kiroga, Kh., Orlov, V.D.	3-Aryl-1,2-dihydroquinoxalines (1986) Chemistry of Heterocyclic Compounds, 22 (8), pp. 918-922.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250100584&doi=10.1007%2FbF01175072&partnerID=40&md5=16ce9e23b593d7f417701ef24d8c71f0
Orlov, V.D. , Desenko, S.M., Kruglenko, V.P., Gnidets, V.P., Klyuev, N.A., Povstyanoi, M.V.	Formation of pyrimido[1,2-a]benzimidazoles in reaction of 1,2-diaminobenzimidazole with chalcones (1986) Chemistry of Heterocyclic Compounds, 22 (8), p. 927.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250101590&doi=10.1007%2FbF01175075&partnerID=40&md5=e0d9e1b679874743ef470d73903cc11
Orlov, V.D. , Insuasti, B., Desenko, S.M.	Reaction of diaroylethylenes with ortho-phenylenediamine and its derivatives (1986) Chemistry of Heterocyclic Compounds, 22 (5), pp. 538-542.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345671348&doi=10.1007%2FbF00519535&partnerID=40&md5=0871b22afa05ca48eb20976031f9e1
Orlov, V.D. , Desenko, S.M.	Derivatives of 2,3-dihydro-1H-1,5-benzodiazepine based on substituted 1,2-phenylenediamines and acetylenes (1985) Chemistry of Heterocyclic Compounds, 21 (12), pp. 1377-1381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250122773&doi=10.1007%2FbF00842963&partnerID=40&md5=9f459cc4d992e43cfa51435679cca46
Orlov, V.D. , Aziz, M.A., Mchedlov-Petrosyan, N.O., Asoka, P.K.D.	Electrophilic substitution in N-aryl-2-pyrazolines. 4. Azo coupling reactions (1985) Chemistry of Heterocyclic Compounds, 21 (11), pp. 1246-1251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250131685&doi=10.1007%2FbF00515222&partnerID=40&md5=58acfb9c368e5c7f78fb8900c66558dc
Orlov, V.D. , Papiashvili, I.Z.	Reactions of 5,6-diamino-1,3-dimethyluracil with carbonyl compounds (1985) Chemistry of Heterocyclic Compounds, 21 (2), pp. 200-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250114705&doi=10.1007%2FbF00504210&partnerID=40&md5=7807b9822ee9b6829e7dfce7cb196a93
Orlov, V.D. , Kolos, N.N., Abramov, A.F.	Conformational analysis of aromatic derivatives of 2,3-dihydro-1H-1,5-benzodiazepine (1984) Chemistry of Heterocyclic Compounds, 20 (12), pp. 1370-1374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544301532&doi=10.1007%2FbF00505962&partnerID=40&md5=6a9f39624d167bf185c26449b4bc5660
Orlov, V.D. , Papiashvili, I.Z., Povstyanoi, M.V., Kruglenko, V.P.	Derivatives of 1,2-diaminoimidazole in reactions with acetylenes (1984) Chemistry of Heterocyclic Compounds, 20 (10), pp. 1152-1155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250112067&doi=10.1007%2FbF00503610&partnerID=40&md5=f618a6b4274b9e5b76050b1ed6129a47
Orlov, V.D. , Aziz, M.A., Savran, A.T., Asoka, P.K.	Electrophilic substitution in N-aryl-2-pyrazolines. 3. Introduction of nitro-, sulfo-, and acyl groups. Reaction with Michler's ketone (1984) Chemistry of Heterocyclic Compounds, 20 (7), pp. 787-790.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250116269&doi=10.1007%2FbF00506973&partnerID=40&md5=f649e240ed8c3a1bd0674eb79906d145
Orlov, V.D. , Yaremenko, F.G., Tlakhun, M., Vorob'eva, N.P., Zolotarev, B.M.	Aziridinyl ketones and their cyclic anils. 7. Solvolysis of 1,2-diaryl-1,1a-dihydroazirino[1,2-a]-quinoxalines (1984) Chemistry of Heterocyclic Compounds, 20 (5), pp. 542-548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250132053&doi=10.1007%2FbF00514309&partnerID=40&md5=54ac9896904ec929db2ef981c6e34fbc
Orlov, V.D. , Desenko, S.M., Kolos, N.N.	Synthesis and properties of 2,2,4-trisubstituted 2,3-dihydro-1H-1,5-benzodiazepines (1984) Chemistry of Heterocyclic Compounds, 20 (1), pp. 106-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844545620&doi=10.1007%2FbF00505862&partnerID=40&md5=ea916d51c256e97b776ace67560cadd7
Orlov, V.D. , Kolos, N.N., Ruzhitskaya, N.N.	2,4-Diaryl-2,3-dihydrobenzo[b][1,4]thiazepines (1983) Chemistry of Heterocyclic Compounds, 19 (12), pp. 1293-1297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250142072&doi=10.1007%2FbF00842834&partnerID=40&md5=d9566c1a158bd928359fd0704cc82f4c
Orlov, V.D. , Papiashvili, I.Z., Grigorov, P.A.	Reaction of 5,6-diamino-1,3-dimethyluracil with chalcones (1983) Chemistry of Heterocyclic Compounds, 19 (5), pp. 544-549.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250150071&doi=10.1007%2FbF00514467&partnerID=40&md5=a9118fc81affdfa0daa82c98522eae8
Orlov, V.D. , Kolos, N.N., Zolotarev, B.M.	Benzimidazole rearrangement of dihydrobenzodiazepines (1983) Chemistry of Heterocyclic Compounds, 19 (3), pp. 318-323.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250149505&doi=10.1007%2FbF00513270&partnerID=40&md5=d0c6a51833bda26365407dbb354c050f
Orlov, V.D. , Vakula, V.N., Gella, I.M.	New method for the synthesis of alkyl-substituted 1-phenyl-2-pyrazolines (1983) Chemistry of Heterocyclic Compounds, 19 (2), p. 229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250146440&doi=10.1007%2FbF00506449&partnerID=40&md5=43c2046ded1231072cf5860cf094a972
Orlov, V.D. , Papiashvili, I.Z., Povstyanoi, M.V., Idzikovskii, V.A., Tsyguleva, O.M.	Condensed imidazo-1,2,4-azines. 8. Synthesis of 5H-3,4-dihydroimidazo[1,2-b]-1,2,4-triazepine derivatives (1983) Chemistry of Heterocyclic Compounds, 19 (1), pp. 83-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250153551&doi=10.1007%2FbF00512822&partnerID=40&md5=129544b2359088faadba1da4c648a304
Orlov, V.D. , Kolos, N.N., Desenko, S.M., Lavrushin, V.F.	Chemical transformations of 2,4-diaryl-2,3-dihydro-1H-1,5-benzodiazepines (1982) Chemistry of Heterocyclic Compounds, 18 (6), pp. 631-636.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013365543&doi=10.1007%2FbF00506159&partnerID=40&md5=68fdd7ed8f01ea6b97d010dcdf4a4789
Orlov, V.D. , Aziz, M.A.	Electrophilic substitution in N-aryl-2-pyrazolines. 2. Reactions with aldehydes (1982) Chemistry of Heterocyclic Compounds, 18 (1), pp. 74-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250224724&doi=10.1007%2FbF00513294&partnerID=40&md5=bce7d7bdea97678fad0c4e665a82551

Orlov, V.D. , Yaremenko, F.G., Lishtvan, N.V., Surov, Yu.N.	Aziridinyl ketones and their cyclic anils. 6. Proton-acceptor capacities of aziridinyl ketones (1981) Chemistry of Heterocyclic Compounds, 17 (12), pp. 1202-1205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250225482&doi=10.1007%2FbF00506993&partnerID=40&md5=1b737bc78f61ded0a1b09ffc7c13c992
Gella, I.M., Vakula, V.N., Orlov, V.D.	Electrophilic substitution in n-aryl-2-pyrazolines: Reactions with 1,3-dithioles (1981) Chemistry of Heterocyclic Compounds, 17 (9), pp. 932-936.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250233041&doi=10.1007%2FbF00505601&partnerID=40&md5=03121b1d828e76eba2e176b05609b562
Orlov, V.D. , Kolos, N.N., Lavrushin, V.F.	Asymmetrical diarylideneacetones in reactions with o-phenylenediamine (1981) Chemistry of Heterocyclic Compounds, 17 (6), pp. 617-622.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250227595&doi=10.1007%2FbF00503491&partnerID=40&md5=fa40f6a266bd8ae67a6fc90f2f3a94f9
Orlov, V.D. , Kolos, N.N., Rozhko, L.I., Yaremenko, F.G., Zolotarev, B.M., Lavrushin, V.F.	Phenoxazine derivatives - products of the reaction of o-aminophenol with chalcones (1981) Chemistry of Heterocyclic Compounds, 17 (6), pp. 544-548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250228260&doi=10.1007%2FbF00503476&partnerID=40&md5=829073173064e16b5ef94c6f54051237
Orlov, V.D. , Yaremenko, F.G., Lavrushin, V.F.	Aziridinyl ketones and their heteroanalogs. 5. Synthesis and structures of 2-aryl-3-arylaziridines (1980) Chemistry of Heterocyclic Compounds, 16 (11), pp. 1128-1133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250247460&doi=10.1007%2FbF00504108&partnerID=40&md5=8bb3c8ca9e84cb404298b05d0a44699a
Orlov, V.D. , Kolos, N.N., Yaremenko, F.G., Lavrushin, V.F.	New aspects of the chemistry of 2,3-dihydro-1H-1,5-benzodiazepine (1980) Chemistry of Heterocyclic Compounds, 16 (5), pp. 547-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544381151&doi=10.1007%2FbF00561358&partnerID=40&md5=5906cfa7ea548d41eb56c00bc642e62
Orlov, V.D. , Yaremenko, F.G., Kolos, N.N., Pivnenko, N.S., Lavrushin, V.F.	Aziridinyl ketones and their heteroanalogs 4. Acidolysis of 1, 1a-dihydroazirino [1,2-a] quinoxalines (1980) Chemistry of Heterocyclic Compounds, 16 (4), pp. 424-428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747041866&doi=10.1007%2FbF00552787&partnerID=40&md5=e9e2a6e3704eb8578e8498363f5de949
Yaremenko, F.G., Orlov, V.D. , Kolos, N.N., Lavrushin, V.F.	Synthesis of 2,4-diphenyl-2,3-dihydro-1H-1,5-benzodiazepine (1979) Chemistry of Heterocyclic Compounds, 15 (6), p. 697.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250271120&doi=10.1007%2FbF00539514&partnerID=40&md5=fa8ac19427e2e7443535e15d42c3c287
Orlov, V.D. , Yaremenko, F.G., Lavrushin, V.F.	Aziridinyl ketones and their heteroanalogs - 2. Synthesis and study of 5,7-diaryl-1,4-diazabicyclo[4.1.0]hepta-4-enes (1979) Chemistry of Heterocyclic Compounds, 15 (4), pp. 438-442.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250264887&doi=10.1007%2FbF00471783&partnerID=40&md5=0b044514586cd9c07b8873e7f569085a
Orlov, V.D. , Roberman, A.I., Lavrushin, V.F.	Δ^2 -pyrazolines from arylideneindanediones (1979) Chemistry of Heterocyclic Compounds, 15 (1), p. 117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250270819&doi=10.1007%2FbF00471215&partnerID=40&md5=56d4b6a125ca36feb9e690d9e0d4a274
Yaremenko, F.G., Kolos, N.N., Orlov, V.D. , Lavrushin, V.F.	Spectrophotometric study of 5-arylidene- and 5-(5-arylfurfurylidene)rhodanines (1978) Chemistry of Heterocyclic Compounds, 13 (11), pp. 1190-1194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250285048&doi=10.1007%2FbF00475942&partnerID=40&md5=99bbf969350daad0f75dc5afacc76b06
Orlov, V.D. , Roberman, A.I., Rybachenko, A.I., Lavrushin, V.F.	1,3,5-Triaryl- Δ^2 -pyrazolines with a nitro or amino group in the N-phenyl ring (1978) Chemistry of Heterocyclic Compounds, 13 (11), pp. 1230-1234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250277345&doi=10.1007%2FbF00475954&partnerID=40&md5=4e15e21e108d7c24a221b7ebe4ed1d44
Orlov, V.D. , Borovoi, I.A., Lavrushin, V.F.	Structure of the molecules of arylideneindanones, arylidenetetralones, and arylidenechromanones (1977) Journal of Structural Chemistry, 17 (4), pp. 594-598.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250300779&doi=10.1007%2FbF00753445&partnerID=40&md5=dbde4dfa869f994330ff10da79b43187
Orlov, V.D. , Kutulya, L.A., Shevchenko, A.E., Goncharov, S.N.	Dipole moments and structures of 1,5-diphenyl-3-aryl-2-pyrazolines and their formyl derivatives (1977) Chemistry of Heterocyclic Compounds, 13 (1), pp. 90-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250289077&doi=10.1007%2FbF00479878&partnerID=40&md5=af0259ea266ca89a88704a60d8edc98b
Orlov, V.D. , Mandrichenko, B.E., Lavrushin, V.F.	IR spectra and structure of 6-methylimidazo[1,2-a]pyrimidine-2, 5-dione and its γ -ylidene derivatives (1977) Chemistry of Heterocyclic Compounds, 12 (9), pp. 1053-1057.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250294975&doi=10.1007%2FbF0040480407&partnerID=40&md5=ec34427630588b4cf8148798241d741
Orlov, V.D. , Surov, Y.N., Tischenko, V.N., Lavrushin, V.F.	Polarities and hydrogen-bonding abilities of the aromatic derivatives of cyclohex-2-enone (1977) Journal of the Chemical Society, Perkin Transactions 2, (15), pp. 1983-1985.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049113550&doi=10.1039%2Fp2977001983&partnerID=40&md5=4690b03d59ae9c35c591bc3060b48e24
Nikolov, O.N., Komar, I.N., Orlov, V.D. , Nevil'ko, V.N.	Study of the processes of carbonization of molecular crystals of amino acids by ESR and IR spectroscopy (Russian) (1975) Biofizika, 20 (5), pp. 762-766.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016550350&partnerID=40&md5=f4e85ac92dad7f9f1c1476589406afed
Nikolov, O.T., Komar, I.N., Orlov, V.D. , Nevil'ko, V.N.	Investigation of the processes of carbonization of the molecular crystals of amino acids by the methods of EPR and infrared spectroscopy (1975) Biophysics, 20 (5), pp. 771-776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016585284&partnerID=40&md5=648ae970dd4201cd5b6e60a8185695
Orlov, V.D. , Korotkov, S.A., Sukach, Yu.A., Lavrushin, V.F.	Investigation of the conformation of epoxychalcones by IR spectroscopy (1975) Chemistry of Heterocyclic Compounds, 11 (3), pp. 264-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250392089&doi=10.1007%2FbF00470065&partnerID=40&md5=b023836beee2102d80a34fb5e8415244
Orlov, V.D. , Borovoi, I.A., Tishchenko, V.N., Lavrushin, V.F.	Polarity of chromone and flavone molecules (1975) Theoretical and Experimental Chemistry, 10 (1), pp. 73-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250397897&doi=10.1007%2FbF00475117&partnerID=40&md5=4f96560d93d89c543f381820dea14d7e
Orlov, V.D. , Korotkov, S.A., Pivnenko, N.S., Lavrushin, V.F.	PMR spectra of epoxychalcones (1974) Chemistry of Heterocyclic Compounds, 8 (12), pp. 1437-1439.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250412388&doi=10.1007%2FbF00471821&partnerID=40&md5=28e690a5cd111f6dd6e609bd290eff8a
Orlov, V.D. , Korotkov, S.A., Tishchenko, V.N., Lavrushin, V.F.	Dipole moments and structure of epoxychalcones (1973) Journal of Structural Chemistry, 14 (3), pp. 524-525.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250443878&doi=10.1007%2FbF00470178&partnerID=40&md5=338184895fafa9baec6406037cdd9422
Tsukerman, S.V., Orlov, V.D. , Rozum, Yu.S., Lavrushin, V.F.	Infrared spectra of chalcone analogs containing the selenophene nucleus (1972) Chemistry of Heterocyclic Compounds, 5 (4), pp. 461-466.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250464839&doi=10.1007%2FbF00470258&partnerID=40&md5=1ba39c9d2c011991801d37f2803f4699
Tsukerman, S.V., Orlov, V.D. , Thiem, L.N., Lavrushin, V.F.	Dipole moments of selenophene analogs of the chalcones (1972) Chemistry of Heterocyclic Compounds, 5 (6), pp. 726-729.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250457530&doi=10.1007%2FbF00475841&partnerID=40&md5=a1dd2844da7effea3e6b81c5ed4d646
Tsukerman, S.V., Orlov, V.D. , Yatsenko, A.I., Lavrushin, V.F.	PMR spectra of certain chalcones and their heterocyclic analogs (1972) Theoretical and Experimental Chemistry, 6 (1), pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250440221&doi=10.1007%2FbF00525897&partnerID=40&md5=ced511b0ef10de22b20acb366617bdc
Tsukerman, S.V., Orlov, V.D. , Lavrushin, V.F.	Ultraviolet absorption spectra of chalcone analogs containing a selenophene nucleus (1971) Chemistry of Heterocyclic Compounds, 5 (1), pp. 55-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250472701&doi=10.1007%2FbF01031764&partnerID=40&md5=6eef4b2e1660a42f3bef7a56524dc3b2
Tsukerman, S.V., Nikitchenko, V.M., Orlov, V.D. , Lavrushin, V.F.	Dipole moments of thiophene analogs of chalcones and their vinyls (1969) Chemistry of Heterocyclic Compounds, 3 (4), pp. 173-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250480673&doi=10.1007%2FbF01172541&partnerID=40&md5=30ea c5d7630200a8cd634d917096c30d
Tsukerman, S.V., Orlov, V.D. , Lavrushin, V.F.	Dirole moments of compounds of the selenophene series (1969) Journal of Structural Chemistry, 10 (2), pp. 244-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250496955&doi=10.1007%2FbF00745787&partnerID=40&md5=75fd90737e8c7d42c7aaf75a7020b45a
Mau-kuen, L., Novakovskii, M.S., Orlov, V.D.	The dipole moments and structure of substituted phenylhydrazines and the complex zinc compounds formed from them (1969) Journal of Structural Chemistry, 10 (1), pp. 68-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250500355&doi=10.1007%2FbF00751957&partnerID=40&md5=71c79bc472cd892875c276ada4883468
Tsukerman, S.V., Orlov, V.D. , Lavrushin, V.F., Yur'ev, Yu.K.	Diseleniylidenecycloalkanes (1968) Chemistry of Heterocyclic Compounds, 2 (6), pp. 702-705.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250533811&doi=10.1007%2FbF00664837&partnerID=40&md5=cbf9658c29f62b46c35ab7ba009cbfeb
Tsukerman, S.V., Orlov, V.D. , Lavrushin, V.F., Yur'ev, Yu.K.	Electronic absorption spectra of selenophene analogs of chalcones (1968) Chemistry of Heterocyclic Compounds, 2 (6), pp. 698-701.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250516675&doi=10.1007%2FbF00664836&partnerID=40&md5=c96f0253683d956d66282cdcc331f005

	Tsukerman, S.V., Orlov, V.D. , Surov, Yu.N., Lavrushin, V.F.	Dipole moments of dibenzylidenecycloalkanones and some of their analogs (1968) Journal of Structural Chemistry, 9 (1), pp. 53-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250521223&doi=10.1007%2Fb00744025&partnerID=40&md5=449373f530fd17adb36008f72a4ba1
	Tsukerman, S.V., Orlov, V.D. , Nikitchenko, V.M., Rozum, Yu.S., Lavrushin, V.F., Yur'ev, Yu.K.	The electronic effects of five-membered rings containing O, S, and Se atoms in chalcone analogues (1967) Theoretical and Experimental Chemistry, 2 (3), pp. 303-305.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250513483&doi=10.1007%2Fb00533802&partnerID=40&md5=98976db765f1fd775f5941019b7c73ff
	Tsukerman, S.V., Orlov, V.D. , Izvekov, V.P., Lavrushin, V.F., Yur'ev, Yu.K.	Synthesis of heterocyclic analogs of chalcone containing the selenophene ring (1966) Chemistry of Heterocyclic Compounds, 2 (1), pp. 25-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250508342&doi=10.1007%2Fb00955589&partnerID=40&md5=d5ef0f3057fdde008d756f9c947135f
2	Shkuratov, Y. , Zubko, E., Videen, G.	Interpreting lunar polarimetric anomalies at large phase angles (2017) Icarus, 296, pp. 117-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020419409&doi=10.1016%2Fj.icarus.2017.05.023&partnerID=40&md5=edf96cbf5d0b38cd15559e31bbb582b
	Zubko, E., Weinberger, A.J., Zubko, N., Shkuratov, Y. , Videen, G.	Umov effect in single-scattering dust particles: Effect of irregular shape (2017) Optics Letters, 42 (10), pp. 1962-1965.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019235432&doi=10.1364%2FOL.42.001962&partnerID=40&md5=6b7d7b8f2d550c0242f79d8cb2918413
	Zubko, E., Videen, G., Zubko, N., Shkuratov, Y.	Reflectance of micron-sized dust particles retrieved with the Umov law (2017) Journal of Quantitative Spectroscopy and Radiative Transfer, 190, pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008466067&doi=10.1016%2Fj.jqsrt.2017.01.003&partnerID=40&md5=9ef4f846c5d0375325313ad9bd4ecf2
	Yuffa, A.J., Kaydash, V., Korokhin, V., Shkuratov, Y. , Zubko, E., Videen, G.	Phase-ratio imaging as applied to desert sands for tracking human presence (2017) Applied Optics, 56 (3), pp. B184-B190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010209711&doi=10.1364%2Fao.56.00B184&partnerID=40&md5=8a65b05678032ea3c0d01c366a638620
	Velikodsky, Y., Korokhin, V.V., Shkuratov, Y. , Kaydash, V.G., Videen, G.	Opposition effect of the Moon from LROC WAC data (2016) Icarus, 275, pp. 1-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963971909&doi=10.1016%2Fj.icarus.2016.04.005&partnerID=40&md5=7f8fc416bb593a387dfe3a131500423
	Grynko, Y., Shkuratov, Y. , Förstner, J.	Light scattering by irregular particles much larger than the wavelength with wavelength-scale surface roughness (2016) Optics Letters, 41 (15), pp. 3491-3494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8498006444&doi=10.1364%2FOL.41.003491&partnerID=40&md5=4d43565206cd3d238bb6a8dd27c1cb0a
	Shkuratov, Y. , Kaydash, V., Rohacheva, L., Korokhin, V., Ivanov, M., Velikodsky, Y., Videen, G.	Comparison of lunar red spots including the crater copernicus (2016) Icarus, 272, pp. 125-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960406934&doi=10.1016%2Fj.icarus.2016.02.034&partnerID=40&md5=fe6137964e73784d60423b01b90d8ed9
	Zubko, E., Videen, G., Hines, D.C., Shkuratov, Y.	The positive-polarization of cometary comae (2016) Planetary and Space Science, 123, pp. 63-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960288534&doi=10.1016%2Fj.pss.2015.09.020&partnerID=40&md5=e91010747aa8ca3045efe3a8b40ea080
	Korokhin, V., Shkuratov, Y. , Kaydash, V., Basilevsky, A., Rohachova, L., Velikodsky, Y., Opanasenko, N., Videen, G., Stankevich, D., Kaluhina, O.	Characterization of a photometric anomaly in lunar Mare Nubium (2016) Planetary and Space Science, 122, pp. 70-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957018108&doi=10.1016%2Fj.pss.2016.01.011&partnerID=40&md5=9ef130d7256270e69c8b377c112dbf7
	Zubko, E., Videen, G., Hines, D.C., Shkuratov, Y. , Kaydash, V., Muinonen, K., Knight, M.M., Sitko, M.L., Lisse, C.M., Mutchler, M., Wooden, D.H., Li, J.-Y., Kobayashi, H.	Comet C/2012 S1 (ISON) coma composition at ~4 au from HST observations (2015) Planetary and Space Science, 118, pp. 138-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940099314&doi=10.1016%2Fj.pss.2015.08.002&partnerID=40&md5=4c1433b5422ad08fb5a26a5a5ec0fe3
	Zubko, E., Videen, G., Shkuratov, Y.	Retrieval of dust-particle refractive index using the phenomenon of negative polarization (2015) Journal of Quantitative Spectroscopy and Radiative Transfer, 151, pp. 38-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930958890&doi=10.1016%2Fj.jqsrt.2014.09.015&partnerID=40&md5=ed1cb0fa108674ae1b62b057801b2ce2
	Zubko, E., Shkuratov, Y. , Videen, G.	Effect of morphology on light scattering by agglomerates (2015) Journal of Quantitative Spectroscopy and Radiative Transfer, 150, pp. 42-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908338868&doi=10.1016%2Fj.jqsrt.2014.06.023&partnerID=40&md5=b2dada845df5b7184ab5011b21a0f314
	Levasseur-Regourd, A.-C., Renard, J.-B., Shkuratov, Y. , Hadamcik, E.	Laboratory studies (2015) Polarimetry of Stars and Planetary Systems, pp. 62-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952921555&doi=10.1017%2FICBO9781107358249.005&partnerID=40&md5=b16ec7e37830bc7ceb7bb34abfbfb00c
	Shkuratov, Y. , Opanasenko, N., Korokhin, V., Videen, G.	The moon (2015) Polarimetry of Stars and Planetary Systems, pp. 303-319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952926574&doi=10.1017%2FICBO9781107358249.018&partnerID=40&md5=a5daf9df0da8667cc30a41a3080bb4f
	Kaydash, V., Shkuratov, Y. , Wolff, M., Videen, G.	Terrestrial planets (2015) Polarimetry of Stars and Planetary Systems, pp. 289-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952927957&doi=10.1017%2FICBO9781107358249.017&partnerID=40&md5=3f3e63fefab79d769f7b57ed0fc82905
	Videen, G., Zubko, E., Sun, W., Shkuratov, Y. , Yuffa, A.	Mixing rules and morphology dependence of the scatterer (2015) Journal of Quantitative Spectroscopy and Radiative Transfer, 150, pp. 68-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908177663&doi=10.1016%2Fj.jqsrt.2014.07.022&partnerID=40&md5=f9e549de443c75f07f649426654539bf
	Zhang, H., Yang, Y., Yuan, Y., Jin, W., Lucey, P.G., Zhu, M.-H., Kaydash, V.G., Shkuratov, Y.G. , Di, K., Wan, W., Xu, B., Xiao, L., Wang, Z., Xue, B.	In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 1. Mineral abundances inferred from spectral reflectance (2015) Geophysical Research Letters, 42 (17), pp. 6945-6950.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943366924&doi=10.1002%2F2015GL065273&partnerID=40&md5=81b81a95693b8a3a981534dc156da2b
	Jin, W., Zhang, H., Yuan, Y., Yang, Y., Shkuratov, Y.G. , Lucey, P.G., Kaydash, V.G., Zhu, M.-H., Xue, B., Di, K., Xu, B., Wan, W., Xiao, L., Wang, Z.	In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 2. Photometric properties of the regolith (2015) Geophysical Research Letters, 42 (20), pp. 8312-8319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946574484&doi=10.1002%2F2015GL065789&partnerID=40&md5=94a128f52a3cd8752a79b4e1226cacee
	Kaydash, V., Shkuratov, Y. , Videen, G.	Dark halos and rays of young lunar craters: A new insight into interpretation (2014) Icarus, 231, pp. 22-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890818743&doi=10.1016%2Fj.icarus.2013.11.025&partnerID=40&md5=e3765aa8884335edececbf5ca90239d
	Hines, D.C., Videen, G., Zubko, E., Muinonen, K., Shkuratov, Y. , Kaydash, V.G., Knight, M.M., Sitko, M.L., Lisse, C.M., Mutchler, M., Hammer, D., Yanamandra-Fisher, P.A.	Hubble space telescope pre-perihelion ACS/WFC imaging polarimetry of comet Ison (C/2012 S1) at 3.81 AU (2014) Astrophysical Journal Letters, 780 (2), art. no. L32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891597692&doi=10.1088%2F2041-8205%2F780%2F2%2F132&partnerID=40&md5=3cddf5f4286b2c1b0af944026d90f302
	Kaydash, V.G., Shkuratov, Y.G.	Structural disturbances of the lunar surface near the Lunokhod-1 spacecraft landing site (2014) Solar System Research, 48 (3), pp. 167-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900840862&doi=10.1134%2FIS0038094614030034&partnerID=40&md5=0771158db32e7f8e019bd4dd39e15fb56
	Korokhin, V.V., Velikodsky, Y.I., Shalygin, E.V., Shkuratov, Y.G. , Kaydash, V.G., Videen, G.	Retrieving lunar topography from multispectral LROC images (2014) Planetary and Space Science, 92, pp. 65-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896089061&doi=10.1016%2Fj.pss.2014.01.008&partnerID=40&md5=22b59065aa1da44008fc50ea20110681
	Grynko, Y., Shkuratov, Y. , Förstner, J.	Light scattering by randomly irregular dielectric particles larger than the wavelength (2013) Optics Letters, 38 (23), pp. 5153-5156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84889062147&doi=10.1364%2FOL.38.005153&partnerID=40&md5=4e024c6da597fb70cb6038f29ccde94a
	Zubko, E., Muinonen, K., Muñoz, O., Nousiainen, T., Shkuratov, Y. , Sun, W., Videen, G.	Light scattering by feldspar particles: Comparison of model agglomerate debris particles with laboratory samples (2013) Journal of Quantitative Spectroscopy and Radiative Transfer, 131, pp. 175-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886640917&doi=10.1016%2Fj.jqsrt.2013.01.017&partnerID=40&md5=8914955cba2338e1f5f98b1e2a222b01
	Kaydash, V., Pieters, C., Shkuratov, Y. , Korokhin, V.	Lunar opposition effect as inferred from Chandrayaan-1 M3 data (2013) Journal of Geophysical Research E: Planets, 118 (6), pp. 1221-1232.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881325530&doi=10.1002%2Fjgre.20098&partnerID=40&md5=0a5c03bf63aba3fb04004028451ba038
	Zubko, E., Muinonen, K., Shkuratov, Y. , Videen, G.	Characteristics of cometary dust in the innermost coma derived from polarimetry by Giotto (2013) Monthly Notices of the Royal Astronomical Society, 430 (2), pp. 1118-1124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876743755&doi=10.1093%2Fmnras%2F430%2F2%2F1118&partnerID=40&md5=a875660f6e79b6cc91d7c34f3b1d8add

	Shkuratov, Y. , Kaydash, V., Korokhin, V., Velikodsky, Y., Petrov, D., Zubko, E., Stankevich, D., Videen, G.	Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" (2013) Journal of Quantitative Spectroscopy and Radiative Transfer, 116, pp. 191-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871935233&doi=10.1016%2Fj.jqsrt.2012.11.004&partnerID=40&md5=224a2b9fec21fb50f1f293c80061f11f1
	Kaydash, V., Shkuratov, Y. , Videen, G.	Landing of the probes Luna 23 and Luna 24 remains an enigma (2013) Planetary and Space Science, 89, pp. 172-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885356764&doi=10.1016%2Fj.pss.2013.08.021&partnerID=40&md5=e8406cf068a6ac99a9fa6da259f0deef
	Shkuratov, Y. , Kaydash, V., Sysolyatina, X., Razim, A., Videen, G.	Lunar surface traces of engine jets of Soviet sample return probes: The enigma of the Luna-23 and Luna-24 landing sites (2013) Planetary and Space Science, 75 (1), pp. 28-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872490744&doi=10.1016%2Fj.pss.2012.10.016&partnerID=40&md5=8a948bb73fb8ff4479d3094ed9c5a59
	Petrov, D., Shkuratov, Y. , Videen, G.	Light scattering by arbitrary shaped particles with rough surfaces: Sh-matrices approach (2012) Journal of Quantitative Spectroscopy and Radiative Transfer, 113 (18), pp. 2406-2418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868213917&doi=10.1016%2Fj.jqsrt.2012.04.016&partnerID=40&md5=574cb6d2d06ac211a9fe9b3685960171
	Kaydash, V., Shkuratov, Y. , Videen, G.	Phase-ratio imagery as a planetary remote-sensing tool (2012) Journal of Quantitative Spectroscopy and Radiative Transfer, 113 (18), pp. 2601-2607.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868191557&doi=10.1016%2Fj.jqsrt.2012.03.020&partnerID=40&md5=07c85296fd67fe411fba00d527167a13
	Shkuratov, Y. , Kaydash, V., Korokhin, V., Velikodsky, Y., Petrov, D., Zubko, E., Stankevich, D., Videen, G.	A critical assessment of the Hapke photometric model (2012) Journal of Quantitative Spectroscopy and Radiative Transfer, 113 (18), pp. 2431-2456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868190967&doi=10.1016%2Fj.jqsrt.2012.04.018&partnerID=40&md5=be39aac6846b321d5182d9ef1607de37
	Belskaya, I.N., Bagnulo, S., Stinson, A., Tozzi, G.P., Muinonen, K., Shkuratov, Y.G. , Barucci, M.A., Fornasier, S.	Polarimetry of trans-neptunian objects (136472) Makemake and (90482) Orcus (2012) Astronomy and Astrophysics, 547, art. no. A101, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868628237&doi=10.1051%2F0004-6361%2F201220202&partnerID=40&md5=36427f5e8b235dec2035e6974fd00e14
	Zubko, E., Muinonen, K., Shkuratov, Y. , Hadamcik, E., Levasseur-Regourd, A.-C., Videen, G.	Evaluating the carbon depletion found by the Stardust mission in Comet 81P/Wild 2 (2012) Astronomy and Astrophysics, 544, art. no. L8, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864596460&doi=10.1051%2F0004-6361%2F201218981&partnerID=40&md5=032dbe3321c53681ca804d70d45b48f4
	Kaydash, V.G., Shkuratov, Y.G.	Structural disturbances of the lunar surface caused by spacecraft (2012) Solar System Research, 46 (2), pp. 108-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858974433&doi=10.1134%2F0038094612020050&partnerID=40&md5=96d0e80549a9cfd86bb938b303a861ad
	Shkuratov, Y. , Kaydash, V., Videen, G.	The lunar crater Giordano Bruno as seen with optical roughness imagery (2012) Icarus, 218 (1), pp. 525-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856356392&doi=10.1016%2Fj.icarus.2011.12.023&partnerID=40&md5=8ff0208ba8ccbb32f8daa95dbcc6eb74
	Zubko, E., Muinonen, K., Shkuratov, Y. , Videen, G.	Negative polarization of agglomerate particles with various densities (2011) AAP Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali, 89 (SUPPL. 1), .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859201066&doi=10.1478%2F2C1V89S1P098&partnerID=40&md5=0d54272a950bc47d2925076e7a896d93
	Shkuratov, Y. , Kaydash, V., Korokhin, V., Velikodsky, Y., Opanasenko, N., Videen, G.	Optical measurements of the Moon as a tool to study its surface (2011) Planetary and Space Science, 59 (13), pp. 1326-1371.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052868254&doi=10.1016%2Fj.jqsrt.2011.06.011&partnerID=40&md5=f3aabc0f3455f20f42260536036ba13
	Managadze, G.G., Cherepin, V.T., Shkuratov, Y.G. , Kolesnik, V.N., Chumikov, A.E.	Simulating OH/H 2O formation by solar wind at the lunar surface (2011) Icarus, 215 (1), pp. 449-451.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052037959&doi=10.1016%2Fj.icarus.2011.06.025&partnerID=40&md5=639191073b53adc356433c5e025a4c5e
	Petrov, D., Shkuratov, Y. , Videen, G.	Electromagnetic wave scattering from particles of arbitrary shapes (2011) Journal of Quantitative Spectroscopy and Radiative Transfer, 112 (11), pp. 1636-1645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79958715778&doi=10.1016%2Fj.jqsrt.2011.01.036&partnerID=40&md5=2b2eff2e8accb0146a18bdcd4c986889
	Velikodsky, Y., Opanasenko, N.V., Akimov, L.A., Korokhin, V.V., Shkuratov, Y. , Kaydash, V.G., Videen, G., Ehgamberdiev, S., Berdalieva, N.E.	New Earth-based absolute photometry of the Moon (2011) Icarus, 214 (1), pp. 30-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959568501&doi=10.1016%2Fj.icarus.2011.04.021&partnerID=40&md5=74ed1a575c95e6260dcd175e4de7b791
	Zubko, E., Videen, G., Shkuratov, Y. , Muinonen, K., Yamamoto, T.	The Umov effect for single irregularly shaped particles with sizes comparable with wavelength (2011) Icarus, 212 (1), pp. 403-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952005141&doi=10.1016%2Fj.icarus.2010.12.012&partnerID=40&md5=f51c44b3f6f82c35be68ae50c2234034
	Opanasenko, A.N., Opanasenko, N.V., Shkuratov, Y.G. , Kaidash, V.G., Velikodskii, Y.I., Korokhin, V.V.	Distribution of the spectropolarimetric parameter of the moon in the northern part of Ocean Procellarum for a large phase angle (2011) Kinematics and Physics of Celestial Bodies, 27 (1), pp. 38-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956028050&doi=10.3103%2F0884591311010077&partnerID=40&md5=57b581d6bb25e56f4e8172ee4668da7
	Kaydash, V., Shkuratov, Y. , Korokhin, V., Videen, G.	Photometric anomalies in the Apollo landing sites as seen from the Lunar Reconnaissance Orbiter (2011) Icarus, 211 (1), pp. 89-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650951850&doi=10.1016%2Fj.icarus.2010.08.024&partnerID=40&md5=c9c87fbd05f21bc30c384d750ae5b309
	Petrov, D., Shkuratov, Y. , Videen, G.	Electromagnetic wave scattering from cuboid-like particles using Sh-matrices (2011) Journal of Quantitative Spectroscopy and Radiative Transfer, 112 (2), pp. 155-162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649528103&doi=10.1016%2Fj.jqsrt.2010.01.024&partnerID=40&md5=0f46201f6d120b77dce0f8bca0fd126d
	Petrov, D., Shkuratov, Y. , Videen, G.	Application of the Sh-matrices method to light scattering by spheroids (2010) Journal of Instrumentation, 5 (10), art. no. 095701, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249246066&doi=10.1088%2F22040-8978%2F2f12%2F92f095701&partnerID=40&md5=c0e8d548fa995020841df634acea882d
	Kaydash, V.G., Gerasimenko, S.Y., Shkuratov, Y.G. , Opanasenko, N.V., Velikodsky, Y.I., Korokhin, V.V., Kaydash, M.V.	The phase ratios of the color index: Mapping of two regions of the near side of the Moon (2010) Solar System Research, 44 (4), pp. 267-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956442972&doi=10.1134%2F0038094610040015&partnerID=40&md5=253821b4eb6c4fde7d0f8243a7bfb1fa
	Petrov, D., Shkuratov, Y. , Videen, G.	Application of the Sh-matrices method to light scattering by spheroids (2010) Journal of Optics, 12 (9), art. no. 095701, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78449234918&partnerID=40&md5=3a4e8c234e9408d19bd706c42cc92fdb
	Petrov, D., Shkuratov, Y. , Videen, G.	The Sh-matrix method applied to light scattering by two merging spheroids (2010) Journal of Quantitative Spectroscopy and Radiative Transfer, 111 (12-13), pp. 1990-1999.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953724961&doi=10.1016%2Fj.jqsrt.2010.04.005&partnerID=40&md5=64de99e496009bc0230102a7a68bf660
	Korokhin, V.V., Velikodsky, Y.I., Shkuratov, Y.G. , Kaydash, V.G., Gerasimenko, S.Y., Opanasenko, N.V., Videen, G., Pieters, C.	Removal of topographic effects from lunar images using Kaguya (LALT) and Earth-based observations (2010) Planetary and Space Science, 58 (10), pp. 1298-1306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955416686&doi=10.1016%2Fj.jqsrt.2010.05.013&partnerID=40&md5=4ebe7a67a19bd00e444c7405e91f3899
	Shkuratov, Y. , Kaydash, V., Gerasimenko, S., Opanasenko, N., Velikodsky, Y., Korokhin, V., Videen, G., Pieters, C.	Probable swirls detected as photometric anomalies in Oceanus Procellarum (2010) Icarus, 208 (1), pp. 20-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953537032&doi=10.1016%2Fj.icarus.2010.01.028&partnerID=40&md5=010f935b48876a9d93b7119e4a94dfbf
	Zubko, E., Petrov, D., Grynko, Y., Shkuratov, Y. , Okamoto, H., Muinonen, K., Nousiainen, T., Kimura, H., Yamamoto, T., Videen, G.	Validity criteria of the discrete dipole approximation (2010) Applied Optics, 49 (8), pp. 1267-1279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7794977560&doi=10.1364%2Fj.oao.001267&partnerID=40&md5=0617adf524d84dd7e10f5dfb1d486c44
	Petrov, D., Shkuratov, Y. , Videen, G.	An analytical solution to the light scattering from cube-like particles using Sh-matrices (2010) Journal of Quantitative Spectroscopy and Radiative Transfer, 111 (3), pp. 474-482.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70649098237&doi=10.1016%2Fj.jqsrt.2009.09.002&partnerID=40&md5=aa2d5622f712d14721ce037ea7d7193f
	Petrov, D., Shkuratov, Y. , Videen, G.	The Sh-matrices method applied to light scattering by small lenses (2009) Journal of Quantitative Spectroscopy and Radiative Transfer, 110 (14-16), pp. 1448-1459.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649335583&doi=10.1016%2Fj.jqsrt.2009.01.016&partnerID=40&md5=f3bf10e89bc015f7875c0e7975416d21
	Zubko, E., Kimura, H., Shkuratov, Y. , Muinonen, K., Yamamoto, T., Okamoto, H., Videen, G.	Effect of absorption on light scattering by agglomerated debris particles (2009) Journal of Quantitative Spectroscopy and Radiative Transfer, 110 (14-16), pp. 1741-1749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349272094&doi=10.1016%2Fj.jqsrt.2008.12.006&partnerID=40&md5=6e35ac88e9e148d9d43c24d63b2bce5

Kaydash, V., Kreslavsky, M., Shkuratov, Yu. , Gerasimenko, S., Pinet, P., Josset, J.-L., Beauvivre, S., Foing, B.	Photometric anomalies of the lunar surface studied with SMART-1 AMIE data (2009) <i>Icarus</i> , 202 (2), pp. 393-413.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649948765&doi=10.1016%2Fj.icarus.2009.03.018&partnerID=40&md5=4f63c9a9ffc3ed8aebb60ed937bf8e5
Opanasenko, N.V., Opanasenko, A.N., Shkuratov, Yu.G. , Kaydash, V.G., Velikodsky, Yu.L., Korokhin, V.V.	The negative polarization parameters of the light scattered by the lunar surface: Mapping (2009) <i>Solar System Research</i> , 43 (3), pp. 210-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650683949&doi=10.1134%2FS0038094609030022&partnerID=40&md5=4f0a1442671790cd4786d3bd0a086e31
Kaidash, V.G., Gerasimenko, S.Yu., Shkuratov, Yu.G. , Opanasenko, N.V., Velikodskii, Yu.L., Korokhin, V.V.	Photometric function variations observed on the near side of the Moon: Mapping (2009) <i>Solar System Research</i> , 43 (2), pp. 89-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64749090060&doi=10.1134%2FS0038094609020014&partnerID=40&md5=940527bed7b639b789fc94467c0bb71
Petrov, D., Shkuratov, Y. , Videen, G.	Light scattering by a finite cylinder containing a spherical cavity using Sh-matrices (2009) <i>Optics Communications</i> , 282 (2), pp. 156-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56549122308&doi=10.1016%2Fj.optcom.2008.09.060&partnerID=40&md5=6760d0a12f0a2225c525f958665fec5e
Mishchenko, M.I., Dlugach, J.M., Liu, L., Rosenbush, V.K., Kiselev, N.N., Shkuratov, Y.G.	Direct solutions of the maxwell equations explain opposition phenomena observed for high-albedo solar system objects (2009) <i>Astrophysical Journal</i> , 705 (2 PART 2), pp. L118-L122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72249093849&doi=10.1088%2F0004-637X%2F705%2F2%2F118&partnerID=40&md5=006e596171c143846fcb54bfdf25b52
Shkuratov, Yu. , Opanasenko, N., Opanasenko, A., Zubko, E., Bondarenko, S., Kaydash, V., Videen, G., Velikodsky, Yu., Korokhin, V.	Polarimetric mapping of the Moon at a phase angle near the polarization minimum (2008) <i>Icarus</i> , 198 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53949121361&doi=10.1016%2Fj.icarus.2008.06.014&partnerID=40&md5=239afd5ab266326cce34e255246a0a97
Zubko, E., Shkuratov, Y. , Mishchenko, M., Videen, G.	Light scattering in a finite multi-particle system (2008) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 109 (12-13), pp. 2195-2206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649101285&doi=10.1016%2Fj.jqsrt.2008.03.007&partnerID=40&md5=cd2f24d276167a61d40e1bbad5f9cf9
Petrov, D., Shkuratov, Y. , Videen, G.	Reply to comment on "Optimized matrix inversion technique for the T-matrix method" (2008) <i>Optics Letters</i> , 33 (12), p. 1367.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46149104387&doi=10.1364%2FOL.33.001367&partnerID=40&md5=ab6777893fb104e775eb0886e6860464
Korokhin, V.V., Kaydash, V.G., Shkuratov, Y.G. , Stankevich, D.G., Mall, U.	Prognosis of TiO2 abundance in lunar soil using a non-linear analysis of Clementine and LSCC data (2008) <i>Planetary and Space Science</i> , 56 (8), pp. 1063-1078.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649094541&doi=10.1016%2Fj.pss.2008.02.001&partnerID=40&md5=9acfc4600fb3b65826be5109062dacc
Petrov, D., Shkuratov, Y. , Videen, G.	Sh-matrices method applied to light scattering by finite circular cylinders (2008) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 109 (8), pp. 1474-1495.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41549131156&doi=10.1016%2Fj.jqsrt.2008.01.024&partnerID=40&md5=54eae6464df0a96faebf8f2279be2906
Petrov, D., Shkuratov, Y. , Videen, G.	Analytic light-scattering solution of two merging spheres using Sh-matrices (2008) <i>Optics Communications</i> , 281 (9), pp. 2411-2423.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40649107634&doi=10.1016%2Fj.optcom.2007.12.079&partnerID=40&md5=186a194482fb0b43a8ae88de1e39d7a1
Shkuratov, Y.G. , Zubko, E.S.	Comment on "Modeling of opposition effects with ensembles of clusters: Interplay of various scattering mechanisms" by Elena V. Petrova, Victor P. Tishkovets, Klaus Jockers, 2007 [<i>Icarus</i> 188, 233-245] (2008) <i>Icarus</i> , 194 (2), pp. 850-852.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40849115055&doi=10.1016%2Fj.icarus.2007.08.041&partnerID=40&md5=b75fc8ff958130c9e2d31ca1a42be6f
Petrov, D., Shkuratov, Y. , Videen, G.	Influence of corrugation on light-scattering properties of capsule and finite-cylinder particles: Analytic solution using Sh-matrices (2008) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 109 (4), pp. 650-669.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36049002479&doi=10.1016%2Fj.jqsrt.2007.08.007&partnerID=40&md5=473ea7753e148f6ecac5735594d9449
Petrov, D., Videen, G., Shkuratov, Y. , Kaydash, M.	Applications to spore detection of analytic Sh-matrix solution of light scattering from capsule and bi-sphere particles (2007) <i>Proceedings of SPIE - The International Society for Optical Engineering</i> , 6733, art. no. 673323, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36249031498&doi=10.1117%2F12.753112&partnerID=40&md5=194a2eb9381fb0ff0e45d8735f6079c3
Petrov, D., Videen, G., Shkuratov, Y. , Kaydash, M.	Analytic T-matrix solution of light scattering from capsule and bi-sphere particles: Applications to spore detection (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 108 (1), pp. 81-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548412782&doi=10.1016%2Fj.jqsrt.2007.04.010&partnerID=40&md5=54cc0c520d461c294d020f09ec8cfc9
Grynko, Y., Shkuratov, Y.	Ray tracing simulation of light scattering by spherical clusters consisting of particles with different shapes (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 106 (1-3), pp. 56-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247531859&doi=10.1016%2Fj.jqsrt.2007.01.005&partnerID=40&md5=a8e0c298cdc769a0352ca574baef65b
Petrov, D., Shkuratov, Yu. , Zubko, E., Videen, G.	Sh-matrices method as applied to scattering by particles with layered structure (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 106 (1-3), pp. 437-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247539878&doi=10.1016%2Fj.jqsrt.2007.01.027&partnerID=40&md5=e346acfa3e1ce0e8e675bb84f6214be3
Stankevich, D., Istomina, L., Shkuratov, Y. , Videen, G.	The scattering matrix of random media consisting of large opaque spheres calculated using ray tracing and accounting for coherent backscattering enhancement (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 106 (1-3), pp. 509-519.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247515222&doi=10.1016%2Fj.jqsrt.2007.01.030&partnerID=40&md5=d29c2c1c81aca7fb0cf81a1f02e3431
Muinenen, K., Zubko, E., Tyynelä, J., Shkuratov, Y.G. , Videen, G.	Light scattering by Gaussian random particles with discrete-dipole approximation (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 106 (1-3), pp. 360-377.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247506243&doi=10.1016%2Fj.jqsrt.2007.01.049&partnerID=40&md5=1afc407d0d38093b4b19cc20f4868439
Zubko, E., Muinenen, K., Shkuratov, Y. , Videen, G., Nousiainen, T.	Scattering of light by roughened Gaussian random particles (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 106 (1-3), pp. 604-615.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247475631&doi=10.1016%2Fj.jqsrt.2007.01.050&partnerID=40&md5=2a3922343b5bfe043905120980065c3d
Psarev, V., Ovcharenko, A., Shkuratov, Yu. , Belskaya, I., Videen, G.	Photometry of particulate surfaces at extremely small phase angles (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 106 (1-3), pp. 455-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247537904&doi=10.1016%2Fj.jqsrt.2007.01.028&partnerID=40&md5=bd48b83bae1c1e39a23ed3a3de05f49f
Shkuratov, Y. , Bondarenko, S., Kaydash, V., Videen, G., Muñoz, O., Volten, H.	Photometry and polarimetry of particulate surfaces and aerosol particles over a wide range of phase angles (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 106 (1-3), pp. 487-508.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247490121&doi=10.1016%2Fj.jqsrt.2007.01.031&partnerID=40&md5=96a3e763ed61560f57731eba656e63d
Penttilä, A., Zubko, E., Lumme, K., Muinenen, K., Yurkin, M.A., Draine, B., Rahola, J., Hoekstra, A.G., Shkuratov, Y.	Comparison between discrete dipole implementations and exact techniques (2007) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 106 (1-3), pp. 417-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247530766&doi=10.1016%2Fj.jqsrt.2007.01.026&partnerID=40&md5=5674c3bdd9015fc502796df6eed59fc
Shkuratov, Yu.G. , Kaydash, V.G., Starukhina, L.V., Pieters, C.M.	Lunar surface agglutinates: Mapping composition anomalies (2007) <i>Solar System Research</i> , 41 (3), pp. 177-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250875679&doi=10.1134%2FS003809460703001X&partnerID=40&md5=526619aaac0ccfdff78bf3a0c7973fb2
Petrov, D., Shkuratov, Y. , Videen, G.	Optimized matrix inversion technique for the T-matrix method (2007) <i>Optics Letters</i> , 32 (9), pp. 1168-1170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147175982&doi=10.1364%2FOL.32.001168&partnerID=40&md5=53f21acc66768769a5f3162a519ca2b0
Shkuratov, Y. , Opanasenko, N., Zubko, E., Grynko, Y., Korokhin, V., Pieters, C., Videen, G., Mall, U., Opanasenko, A.	Multispectral polarimetry as a tool to investigate texture and chemistry of lunar regolith particles (2007) <i>Icarus</i> , 187 (2), pp. 406-416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847343856&doi=10.1016%2Fj.icarus.2006.10.012&partnerID=40&md5=64b87c4e81befc2266e1ce9b7fc85d35
Stankevich, D., Istomina, L., Shkuratov, Y. , Videen, G.	Electromagnetic phase differences in the coherent backscattering enhancement mechanism for random media consisting of large nontransparent spheres (2007) <i>Applied Optics</i> , 46 (9), pp. 1562-1567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247503370&doi=10.1364%2FAO.46.001562&partnerID=40&md5=34e30d621e77ba963a678a179db395f
Korokhin, V.V., Velikodsky, Yu.L., Shkuratov, Yu.G. , Mall, U.	The phase dependence of brightness and color of the lunar surface: A study based on integral photometric data (2007) <i>Solar System Research</i> , 41 (1), pp. 19-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847398828&doi=10.1134%2FS0038094607010029&partnerID=40&md5=f81f4ac6c16362237f66bdf302579aef
Petrov, D., Shkuratov, Y. , Videen, G.	Analytical light-scattering solution for Chebyshev particles (2007) <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 24 (4), pp. 1103-1119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248324499&doi=10.1364%2FJOSA.24.001103&partnerID=40&md5=3d9df57fd631d28e8c61abe537b6ee17
Petrov, D., Synelnik, E., Shkuratov, Y. , Videen, G.	The T-matrix technique for calculations of scattering properties of ensembles of randomly oriented particles with different size (2006) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 102 (1), pp. 85-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646801660&doi=10.1016%2Fj.jqsrt.2006.02.077&partnerID=40&md5=e9778385c1ab32b1fdc50de863c47fce

Petrov, D., Synelnik, E., Shkuratov, Y.G. , Videen, G., Scotto, C., Hart, M., Eversole, J.	Photopolarimetric properties of analytic models of some biological particles with irregular shape (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 102 (1), pp. 111-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3364678802&doi=10.1016%2Fj.jqsrt.2006.02.076&partnerID=40&md5=461b1179d7adb631345ba268791127d
Kaydash, V.G., Kreslavsky, M.A., Shkuratov, Yu.G. , Videen, G., Bell III, J.F., Wolff, M.	Measurements of winds on Mars with Hubble Space Telescope images in 2003 opposition (2006) Icarus, 185 (1), pp. 97-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749340981&doi=10.1016%2Fj.icarus.2006.07.017&partnerID=40&md5=04ca558770538f19c9801e252e95ad7a
Zubko, E., Shkuratov, Y. , Kiselev, N.N., Videen, G.	DDA simulations of light scattering by small irregular particles with various structure (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (3), pp. 416-434.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645032565&doi=10.1016%2Fj.jqsrt.2006.02.055&partnerID=40&md5=3c611ed8ae37da5c6b92032d23bb0d68
Grynko, Y., Shkuratov, Y. , Videen, G.	Polarization of near-forward-scattered light from particulate substrates illuminated at near-grazing angles (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (3), pp. 522-526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646809397&doi=10.1016%2Fj.jqsrt.2006.02.039&partnerID=40&md5=6e14b179d1e57f03c606ed26c0eb36d9
Ovcharenko, A.A., Bondarenko, S.Yu., Zubko, E.S., Shkuratov, Y.G. , Videen, G., Nelson, R.M., Smythe, W.D.	Particle size effect on the opposition spike and negative polarization (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (3), pp. 394-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747153305&doi=10.1016%2Fj.jqsrt.2006.02.036&partnerID=40&md5=ff8f2f49b2a90710a12ae36161f30fa9
Ovcharenko, A., Bondarenko, S., Shkuratov, Y. , Scotto, C., Merritt, C., Hart, M., Eversole, J., Videen, G.	Backscatter effects of surfaces composed of dry biological particles (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (3), pp. 462-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646770362&doi=10.1016%2Fj.jqsrt.2006.02.037&partnerID=40&md5=d00c342f5bb92f917fa415783a072244
Pieters, C., Shkuratov, Y. , Kaydash, V., Stankevich, D., Taylor, L.	Lunar soil characterization consortium analyses: Pyroxene and maturity estimates derived from Clementine image data (2006) Icarus, 184 (1), pp. 83-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747153305&doi=10.1016%2Fj.jqsrt.2006.04.013&partnerID=40&md5=3896af6298f81107b937c1a3427e36
Fornasier, S., Belskaya, I.N., Shkuratov, Yu.G. , Pernechele, C., Barbieri, C., Giro, E., Navasardyan, H.	Polarimetric survey of asteroids with the Asiago telescope (2006) Astronomy and Astrophysics, 455 (1), pp. 371-377.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747455288&doi=10.1051%2F0004-6361%3a20064836&partnerID=40&md5=391c0cacd87398f37aa1e8fa99a2f670
Zubko, E., Shkuratov, Y. , Muinonen, K., Videen, G.	Collective effects by agglomerated debris particles in the backscatter (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 100 (1-3), pp. 489-495.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645031547&doi=10.1016%2Fj.jqsrt.2005.11.073&partnerID=40&md5=1cf89399e959544562f74ea44fb2c3a
Zubko, E., Shkuratov, Y. , Videen, G.	Discrete-dipole analysis of backscatter features of agglomerated debris particles comparable in size with wavelength (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 100 (1-3), pp. 483-488.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645016373&doi=10.1016%2Fj.jqsrt.2005.11.059&partnerID=40&md5=d6a9ecf508e598f8b55288c2d90c3955
Videen, G., Wetmore, A., Petre, M., Shkuratov, Y.	Analytic description of enhanced backscattering and negative polarization from a cloud of dipoles (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 100 (1-3), pp. 406-414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645020584&doi=10.1016%2Fj.jqsrt.2005.11.054&partnerID=40&md5=9f8e24565051a8e1b47e67565aa54b5
Shkuratov, Y. , Bondarenko, S., Ovcharenko, A., Pieters, C., Hiroi, T., Volten, H., Muñoz, O., Videen, G.	Comparative studies of the reflectance and degree of linear polarization of particulate surfaces and independently scattering particles (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 100 (1-3), pp. 340-358.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645035938&doi=10.1016%2Fj.jqsrt.2005.11.050&partnerID=40&md5=f79ea51b5e1cb1b2bb07e754eb789da
Bondarenko, S., Ovcharenko, A., Shkuratov, Y. , Videen, G., Eversole, J., Hart, M.	Light backscatter by surfaces composed of small spherical particles (2006) Applied Optics, 45 (16), pp. 3871-3877.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746067897&doi=10.1364%2Fao.45.003871&partnerID=40&md5=4360c81212c6ee8c739f2ff533a869cf
Josset, J.-L., Beauvivre, S., Ceroni, P., De Sanctis, M.C., Pinet, P., Chevrel, S., Langevin, Y., Barucci, M.A., Plancke, P., Koschny, D., Almeida, M., Sodnik, Z., Mancuso, S., Hofmann, B.A., Muinonen, K., Shevchenko, V., Shkuratov, Yu. , Ehrenfreund, P., Foing, B.H.	Science objectives and first results from the SMART-1/AMIE multicolour micro-camera (2006) Advances in Space Research, 37 (1), pp. 14-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33344463103&doi=10.1016%2Fj.asr.2005.06.078&partnerID=40&md5=50e38e611d2a998e963d6acc6fc5420d
Muñoz, O., Volten, H., Hovenier, J.W., Min, M., Shkuratov, Y.G. , Jalava, J.P., Van Der Zande, W.J., Waters, L.B.F.M.	Experimental and computational study of light scattering by irregular particles with extreme refractive indices: Hematite and rutile (2006) Astronomy and Astrophysics, 446 (2), pp. 525-535.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-31544459503&doi=10.1051%2F0004-6361%3a20053727&partnerID=40&md5=9f68cb3c8056da3a06e5c25e78603b1e
Belskaya, I.N., Shkuratov, Yu.G. , Efimov, Yu.S., Shakhovskoy, N.M., Gil-Hutton, R., Cellino, A., Zubko, E.S., Ovcharenko, A.A., Bondarenko, S.Yu., Shevchenko, V.G., Fornasier, S., Barbieri, C.	The F-type asteroids with small inversion angles of polarization (2005) Icarus, 178 (1), pp. 213-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27244451630&doi=10.1016%2Fj.icarus.2005.04.015&partnerID=40&md5=873e4a9de724714ea7b7e53d495e8d1
Pinet, P., Ceroni, P., Josset, J.-L., Beauvivre, S., Chevrel, S., Muinonen, K., Langevin, Y., Barucci, M.A., De Sanctis, M.C., Shkuratov, Yu. , Shevchenko, V., Plancke, P., Hofmann, B.A., Josset, M., Ehrenfreund, P., Sodnik, Z., Koschny, D., Almeida, M., Foing, B.	The advanced Moon micro-imager experiment (AMIE) on SMART-1: Scientific goals and expected results (2005) Planetary and Space Science, 53 (13), pp. 1309-1318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26444562944&doi=10.1016%2Fj.pss.2005.06.003&partnerID=40&md5=a59837537c691f4928f7a94065586f9f
Zubko, E., Petrov, D., Shkuratov, Y. , Videen, G.	Discrete dipole approximation simulations of scattering by particles with hierarchical structure (2005) Applied Optics, 44 (30), pp. 6479-6485.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27944450421&doi=10.1364%2Fao.44.006479&partnerID=40&md5=ff35e7621b072d17fa25aa80106211b3
Shkuratov, Y.G. , Kaydash, V.G., Stankevich, D.G., Starukhina, L.V., Pinet, P.C., Chevrel, S.D., Daydou, Y.H.	Derivation of elemental abundance maps at intermediate resolution from optical interpolation of lunar prospector gamma-ray spectrometer data (2005) Planetary and Space Science, 53 (12), pp. 1287-1301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644498521&doi=10.1016%2Fj.pss.2005.07.001&partnerID=40&md5=18b9135736317b88b19722d94a46f74
Petrov, D.V., Shkuratov, Yu.G.	Shadow effect for ambiguous and disconnected random surfaces (2005) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 99 (1), pp. 146-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25444432359&doi=10.1134%2F1.1999908&partnerID=40&md5=a0d4704971c52944345c055ed93bd890
Shkuratov, Yu.G. , Kaydash, V.G., Pieters, C.M.	Lunar clinopyroxene and plagioclase: Surface distribution and composition (2005) Solar System Research, 39 (4), pp. 255-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24144449050&doi=10.1007%2Fs11208-005-0041-2&partnerID=40&md5=89e45c5a25d602a44250eb9ac7be8090
Shkuratov, Y. , Kreslavsky, M., Kaydash, V., Videen, G., Bell III, J., Wolff, M., Hubbard, M., Noll, K., Lubenow, A.	Hubble Space Telescope imaging polarimetry of Mars during the 2003 opposition (2005) Icarus, 176 (1), pp. 1-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18844400623&doi=10.1016%2Fj.icarus.2005.01.009&partnerID=40&md5=5273fedb55aa30cb68684e28a2422e3d
Shkuratov, Y.G. , Grynko, Y.S.	Light scattering by media composed of semitransparent particles of different shapes in ray optics approximation: Consequences for spectroscopy, photometry, and polarimetry of planetary regoliths (2005) Icarus, 173 (1), pp. 16-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12144279054&doi=10.1016%2Fj.icarus.2003.12.022&partnerID=40&md5=56685d5cf77c67b8ec9a67de221da242
Shkuratov, Y.G. , Stankevich, D.G., Petrov, D.V., Pinet, P.C., Cord, A.M., Daydou, Y.H., Chevrel, S.D.	Interpreting photometry of regolith-like surfaces with different topographies: Shadowing and multiple scattering (2005) Icarus, 173 (1), pp. 3-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12144254622&doi=10.1016%2Fj.icarus.2003.12.017&partnerID=40&md5=6ec2cc6be9b8895bbdc78d1e124ee15
Zubko, E., Ovcharenko, A., Bondarenko, S., Shkuratov, Y. , Scotto, C., Merritt, C., Hart, M., Eversole, J., Videen, G.	Backscattering of agglomerate particles (2004) Proceedings of SPIE - The International Society for Optical Engineering, 5617, art. no. 63, pp. 407-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17644399427&doi=10.1117%2F12.578110&partnerID=40&md5=84b1e5f0d15e0accb1229dd7187fac10
Zubko, E., Shkuratov, Y.G. , Videen, G.	Coherent backscattering effect for non-zero elements of Mueller matrix of discrete media at different illumination-observation geometries (2004) Journal of Quantitative Spectroscopy and Radiative Transfer, 89 (1-4), pp. 443-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344670364&doi=10.1016%2Fj.jqsrt.2004.05.039&partnerID=40&md5=c6e88697a9165d8b7029f4b3c1715bbc
Zubko, E., Shkuratov, Y. , Hart, M., Eversole, J., Videen, G.	Backscatter of agglomerate particles (2004) Journal of Quantitative Spectroscopy and Radiative Transfer, 88 (1-3), pp. 163-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4444376295&doi=10.1016%2Fj.jqsrt.2004.03.026&partnerID=40&md5=a0220a42dd5cadcaa8f8a16ab73e4503

	Shkuratov, Yu. , Ovcharenko, A., Zubko, E., Volten, H., Munoz, O., Videen, G.	The negative polarization of light scattered from particulate surfaces and of independently scattering particles (2004) Journal of Quantitative Spectroscopy and Radiative Transfer, 88 (1-3), pp. 267-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-434646957&doi=10.1016%2Fj.jqsrt.2004.03.029&partnerID=40&md5=2b68dca76de3fde0160f78be7eb1abcf
	Stankevich, D., Shkuratov, Yu.	Monte Carlo ray-tracing simulation of light scattering in particulate media with optically contrast structure (2004) Journal of Quantitative Spectroscopy and Radiative Transfer, 87 (3-4), pp. 289-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942648656&doi=10.1016%2Fj.jqsrt.2003.12.014&partnerID=40&md5=9f280b9ef820a889c07eac2f0733b1de
	Petrov, D.V., Zubko, E.S., Shkuratov, Yu.G.	Modeling polarization properties of structure analogues of cometary dust particles (2004) Meteoritics and Planetary Science, 39 (SUPPL.), pp. A83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4043184258&partnerID=40&md5=686cd86f7021f1827d084bf78a9a08e4
	Starukhina, L.V., Shkuratov, Y.G.	Swirls on the Moon and Mercury: Meteoroid swarm encounters as a formation mechanism (2004) Icarus, 167 (1), pp. 136-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642420517&doi=10.1016%2Fj.icarus.2003.08.022&partnerID=40&md5=8fd7193c91e92de3a78c25a9ab3a1773
	Grin'ko, E.S., Shkuratov, Yu.G.	Estimates of the albedo of powderlike surfaces in the geometrical optics approximation (2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 95 (6), pp. 938-943.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0842332889&doi=10.1134%2F1.1635480&partnerID=40&md5=e48d471d253202783e889a9ecd720f4d
	Shkuratov, Yu.G. , Lytvynenko, L.M., Shulga, V.M., Yatskiv, Ya.S., Vidmachenko, A.P., Kislyuk, V.S.	Objectives of a prospective Ukrainian orbiter mission to the moon (2003) Advances in Space Research, 31 (11), pp. 2341-2345.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141562309&doi=10.1016%2F0273-1177%2803%2900534-9&partnerID=40&md5=60f989c9d8cedb1bc8f3b595a0367366
	Zubko, E., Shkuratov, Y. , Hart, M., Eversole, J., Videen, G.	Backscattering and negative polarization of agglomerate particles (2003) Optics Letters, 28 (17), pp. 1504-1506.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041785880&partnerID=40&md5=332af5556f1f6c8faa364574063c39c
	Petrov, D.V., Shkuratov, Yu.G. , Stankevich, D.G., Shevchenko, V.V., Kozlova, E.A.	The Area of Cold Traps on the Lunar Surface (2003) Solar System Research, 37 (4), pp. 260-265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041571790&doi=10.1023%2FA%3a1025022130047&partnerID=40&md5=7092aeb39e84454416b0fd9144cc6e1
	Shkuratov, Yu.G. , Kreslavsky, M.A., Stankevich, D.G., Kaydash, V.G., Pinet, P., Shevchenko, V.V., Foing, B.H., Josset, J.-L.	The SMART-1 Mission: Photometric Studies of the Moon with the AMIE Camera (2003) Solar System Research, 37 (4), pp. 251-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042574053&doi=10.1023%2FA%3a1025070013209&partnerID=40&md5=a343bbf47f8ebca378c0805631fad568
	Belskaya, I.N., Barucci, A.M., Shkuratov, Y.G.	Opposition effect of Kuiper Belt objects: Preliminary estimations (2003) Earth, Moon and Planets, 92 (1-4), pp. 201-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842537506&doi=10.1023%2FB%3aMOON.0000031938.00224.32&partnerID=40&md5=881a6bd328d7b30215f52058a419bf
	Shkuratov, Y.G. , Stankevich, D.G., Kaydash, V.G., Omelchenko, V.V., Pieters, C.M., Pinet, P.C., Chevrel, S.D., Daydou, Y.H., Foing, B.H., Sodnik, Z., Josset, J.-L., Taylor, L.A., Shevchenko, V.V.	Composition of the lunar surface as will be seen from SMART-1: A simulation using Clementine data (2003) Journal of Geophysical Research E: Planets, 108 (4), pp. 1-1.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042847294&partnerID=40&md5=7065fd81466d4346b9ab1debd77d5b9d
	Kreslavsky, M.A., Shkuratov, Y.G.	Photometric anomalies of the lunar surface: Results from Clementine data (2003) Journal of Geophysical Research E: Planets, 108 (3), pp. 1-1.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037860967&partnerID=40&md5=9bf02eff393e8ba9bb19b003da884a43
	Grynko, Y., Shkuratov, Y.	Scattering matrix calculated in geometric optics approximation for semitransparent particles faceted with various shapes (2003) Journal of Quantitative Spectroscopy and Radiative Transfer, 78 (3-4), pp. 319-340.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037457157&partnerID=40&md5=81ed77df10ce24a5f3cb29810315aca2
	Shkuratov, Y. , Petrov, D., Videen, G.	Classical photometry of prefractional surfaces (2003) Journal of the Optical Society of America A: Optics and Image Science, and Vision, 20 (11), pp. 2081-2092.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242271386&partnerID=40&md5=ffde1028dccc1f20568c4b64ed70276
	Stankevich, D., Shkuratov, Yu. , Grynko, Ye., Muinonen, K.	Computer simulations for multiple scattering of light rays in systems of opaque particles (2003) Journal of Quantitative Spectroscopy and Radiative Transfer, 76 (1), pp. 1-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037208432&doi=10.1016%2FS0022-4073%2802%2900022-5&partnerID=40&md5=04abce0fab69755150b56265f43ef56a
	Shkuratov, Yu.G. , Ovcharenko, A.A.	Polarization of light scattered by surfaces with complex microstructure at phase angles 0.1°-3.5° (2002) Solar System Research, 36 (1), pp. 62-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036113446&doi=10.1023%2FA%3a101427628134&partnerID=40&md5=07bd89c22b0b2f01bada7c7191e4a1ed
	Grin'ko, E.S., Shkuratov, Yu.G.	The Scattering Matrix of Transparent Particles of Random Shape in the Geometrical Optics Approximation (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 93 (6), pp. 885-893.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141672031&doi=10.1134%2F1.1531712&partnerID=40&md5=6829fcc11fd0c8a906e22884291c5fa
	Stankevich, D.G., Shkuratov, Yu.G.	Multiple scattering of light in regolith-like media: Geometric optics approximation (2002) Solar System Research, 36 (5), pp. 409-416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036396684&doi=10.1023%2FA%3a1020415505502&partnerID=40&md5=5d1d73a0509a44d321cfb3da5158ed8f
	Muinonen, K., Shkuratov, Yu., Ovcharenko, A., Piironen, J., Stankevich, D., Miloslavskaya, O., Kaasalainen, S., Josset, J.-L.	The SMART-1 AMIE experiment: Implication to the lunar opposition effect (2002) Planetary and Space Science, 50 (14-15), pp. 1339-1344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036951468&doi=10.1016%2FS0032-0633%2802%2900128-9&partnerID=40&md5=47f3ce081448339680df0ba3ac42cac4
	Shkuratov, Yu. , Ovcharenko, A., Zubko, E., Miloslavskaya, O., Muinonen, K., Piironen, J., Nelson, R., Smythe, W., Rosenbush, V., Helfenstein, P.	The opposition effect and negative polarization of structural analogs for planetary regoliths (2002) Icarus, 159 (2), pp. 396-416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036799036&doi=10.1006%2Ficars.2002.6923&partnerID=40&md5=65251b0e9dcbcd5bec6e94eeb1265e23
	Shkuratov, Yu.G. , Bondarenko, N.V.	Reply to the comment by B. Campbell on the paper "regolith layer thickness mapping of the moon by radar and optical data" (2002) Icarus, 158 (2), pp. 562-563.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036695947&doi=10.1006%2Ficars.2002.6890&partnerID=40&md5=7e06c34d40f0c6b537c22f7398cf8401
	Belskaya, I.N., Shevchenko, V.G., Efimov, Yu.S., Shakhovskoj, N.M., Shkuratov, Yu.G. , Gaftonyuk, N.M., Gil-Hutton, R., Krugly, Yu.N., Chiorny, V.G.	Opposition polarimetry and photometry of the low albedo asteroid 419 Aurelia (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 489-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664681&partnerID=40&md5=b81c4cfaf9fba0e0f5056bf257d899
	Stankevich, D.G., Shkuratov, Yu.G.	Numerical Simulation of Multiple Light Scattering in Layers Consisting of Opaque Particles with a Dull Surface (Geometrical Optics Approximation) (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 92 (6), pp. 908-914.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141842606&doi=10.1134%2F1.1490030&partnerID=40&md5=e37f1101abe10c423f8f3c4d9e10ac0a
	Pieters, C.M., Stankevich, D.G., Shkuratov, Yu.G. , Taylor, L.A.	Statistical analysis of the links among Lunar mare soil mineralogy, chemistry, and reflectance spectra (2002) Icarus, 155 (2), pp. 285-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036107531&doi=10.1006%2Ficars.2001.6749&partnerID=40&md5=a54aa5417adcd3070738230406ed9c9a
	Zubko, E.S., Ovcharenko, A.A., Shkuratov, Yu.G.	Polarimetric Weak-Localization Effect in Scattering of Natural Light in the Region of Small Phase Angles (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 92 (3), pp. 443-448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011059772&doi=10.1134%2F1.1465472&partnerID=40&md5=f566b0266fa28ce668aba8984e10ade0
	Stankevich, D.G., Shkuratov, Yu.G. , Petrov, D.V.	Estimation of the Area of the Perpetually Shaded Lunar Surface (2001) Solar System Research, 35 (6), pp. 452-457.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035566072&doi=10.1023%2FA%3a1013086812182&partnerID=40&md5=0775fb9b6c0524d862e287219e1271d5
	Shkuratov, Yu.G. , Kaidash, V.G., Kreslavsky, M.A., Opanasenko, N.V.	Absolute Calibration of the Clementine UVVIS Data: Comparison with Ground-Based Observation of the Moon (2001) Solar System Research, 35 (1), pp. 29-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035628494&doi=10.1023%2FA%3a1005211706835&partnerID=40&md5=d2095b900376ee60a0bddd6331b28d9
	Grin'ko, E.S., Stankevich, D.G., Shkuratov, Yu.G.	The Shadowing Effect for Regolith-like Surfaces (2001) Solar System Research, 35 (6), pp. 444-451.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042379853&doi=10.1023%2FA%3a1013034828112&partnerID=40&md5=17ef4eae920e212ed1a496553ac4940
	Zubko, E.S., Shkuratov, Yu.G. , Muinonen, K.	Light Scattering by Composite Particles Comparable with Wavelength and their Approximation by Systems of Spheres (2001) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 91 (2), pp. 273-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000600828&doi=10.1134%2F1.1397850&partnerID=40&md5=ca99d90789d006fef9a996c9d6fab4a

	Shkuratov, Y.G., Helfenstein, P.	The Opposition Effect and the Quasi-fractal Structure of Regolith: I. Theory (2001) Icarus, 152 (1), pp. 96-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002947280&doi=10.1006%2ficar.2001.6630&partnerID=40&md5=157bce8b72740d696396cd431619275e
	Muinenen, K., Stankevich, D., Shkuratov, Yu.G., Kaasalainen, S., Piironen, J.	Shadowing effect in clusters of opaque spherical particles (2001) Journal of Quantitative Spectroscopy and Radiative Transfer, 70 (4-6), pp. 787-810.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035967804&doi=10.1016%2fS0022-4073%2801%2900046-2&partnerID=40&md5=7ce1a90a72a5b077a03606aa153598f
	Zubko, E.S., Shkuratov, G.Yu.	Calculation of the Scattering Indicatrix of Systems of Spheres Based on the Dimensionless Formulation of the Solution of the Mie Problem (2001) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 90 (6), pp. 849-852.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141450769&doi=10.1134%2f1.1380779&partnerID=40&md5=4eb8347c640a9b5d5844f21f6007abf
	Shkuratov, Y.G., Bondarenko, N.V.	Regolith Layer Thickness Mapping of the Moon by Radar and Optical Data (2001) Icarus, 149 (2), pp. 329-338.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001050091&doi=doi%3a10.1006%2ficar.2000.6545&partnerID=40&md5=9eb91b68bf0fea695cd08178161d0b23
	Zubko, E.S., Shkuratov, Yu.G.	Calculation of the scattering indicatrix of systems of spheres based on the dimensionless formulation of the solution of the mie problem (2001) Optika i Spektroskopiya, 90 (6), pp. 942-945.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749629123&partnerID=40&md5=b5dd726734b624ead8267bf047449f5
	Zubko, E.S., Shkuratov, Yu.G., Muinenen, K.	Light scattering by composite particles comparable with wavelength and their approximation by systems of spheres (2001) Optika i Spektroskopiya, 91 (2), pp. 296-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141577363&partnerID=40&md5=51f3467177a13fcb41e355390cfec236
	Shkuratov, Yu.G.	Important problems of the moon observations by a ground-based astronomical means (2000) Solar System Research, 34 (3), pp. 199-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844445379&partnerID=40&md5=2f9b61bb4e6cc55414c2c1420d4c754f
	Ovcharenko, A.A., Shkuratov, Yu.G.	Weak-localization effect for light backscattered by surfaces with a complex structure (2000) Optika i Spektroskopiya, 88 (2), pp. 291-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011018225&partnerID=40&md5=c5f30fc0eb84848f15f2bd832059b2b
	Stankevich, D.G., Shkuratov, Yu.G.	The shadowing effect in regolith-type media: Numerical modeling (2000) Solar System Research, 34 (4), pp. 285-294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041966738&partnerID=40&md5=8e597623ac579bb341db2bda3766fce2
	Stankevich, D.G., Shkuratov, Yu.G., Muinenen, K.O., Miloslavskaya, O.V.	Simulation of shadings in systems of opaque particles (2000) Optika i Spektroskopiya, 88 (4), pp. 682-685.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0004999929&partnerID=40&md5=88e54731f5a9d433506fa30057bd3a4
	Kreslavsky, M.A., Vdovichenko, R.V., Raitala, I., Shkuratov, Yu.G.	Dielectric permittivity of the tessera surface material on venus inferred from Magellan radar data (2000) Solar System Research, 34 (5), pp. 379-389.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644574125&partnerID=40&md5=dfa7091c0b37080495f3576871f7b8a2
	Starukhina, L.V., Shkuratov, Y.G.	The Lunar Poles: Water Ice or Chemically Trapped Hydrogen? (2000) Icarus, 147 (2), pp. 585-587.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000498476&doi=10.1006%2ficar.2000.6476&partnerID=40&md5=f00984c516b8c59fa9752e88541db98
	Kreslavsky, M.A., Shkuratov, Yu.G., Velikodsky, Yu.I., Kaydash, V.G., Stankevich, D.G., Pieters, C.M.	Photometric properties of the lunar surface derived from Clementine observations (2000) Journal of Geophysical Research E: Planets, 105 (E8), pp. 20281-20295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033764988&partnerID=40&md5=800871ba92bc35266017f0e28cb33629
	Stankevich, D.G., Shkuratov, Yu.G., Muinenen, K.O., Miloslavskaya, O.V.	Simulation of Shadings in Systems of Opaque Particles (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (4), pp. 619-622.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012922180&doi=10.1134%2f1.626848&partnerID=40&md5=b7bd8a23119ee0259080f75c49cddfd91
	Ovcharenko, A.A., Shkuratov, Yu.G.	Weak-Localization Effect for Light Backscattered by Surfaces with a Complex Structure (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (2), pp. 253-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141449076&doi=10.1134%2f1.626788&partnerID=40&md5=ca41d1ee70013c2895f4f542b56207ac
	Starukhina, L.V., Shkuratov, Yu.G., Skorik, S.K.	Spread of condensation products in a regolith-like medium: Estimates and laboratory modeling (1999) Solar System Research, 33 (3), pp. 212-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644449986&partnerID=40&md5=5833470a50d1e9278ec7a43341f81278
	Shkuratov, Y.G., Starukhina, L.V., Kaidash, V.G., Bondarenko, N.V.	3He distribution over the lunar visible hemisphere (1999) Solar System Research, 33 (5), pp. 409-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22844454075&partnerID=40&md5=2b3955ecda9475c3c236a35a3c0bf9b
	Zubko, E.S., Kreslavskii, M.A., Shkuratov, Yu.G.	The role of scatterers comparable to the wavelength in forming negative polarization of light (1999) Solar System Research, 33 (4), pp. 296-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041966810&partnerID=40&md5=105be2e096d48331b20f87b3ee52855b
	Stankevich, D.G., Shkuratov, Yu.G., Muinenen, K.	Shadow-hiding effect in inhomogeneous layered particulate media (1999) Journal of Quantitative Spectroscopy and Radiative Transfer, 63 (2-6), pp. 445-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032748673&doi=10.1016%2fS0022-4073%2899%2900030-8&partnerID=40&md5=a5250cfc0ca23a536ab99b778ec27ae9
	Shkuratov, Y.G., Kreslavsky, M.A., Ovcharenko, A.A., Stankevich, D.G., Zubko, E.S., Pieters, C., Arnold, G.	Opposition Effect from Clementine Data and Mechanisms of Backscatter (1999) Icarus, 141 (1), pp. 132-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009082889&doi=10.1006%2ficar.1999.6154&partnerID=40&md5=3c5e1df192f28b7937862aadbbd7797
	Tishkovets, V.P., Shkuratov, Yu.G., Litvinov, P.V.	Comparison of collective effects at scattering by randomly oriented clusters of spherical particles (1999) Journal of Quantitative Spectroscopy and Radiative Transfer, 61 (6), pp. 767-773.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032950098&doi=10.1016%2fS0022-4073%2898%2900063-6&partnerID=40&md5=da16aab274900bb8f837c592b8275c2a
	Shkuratov, Y., Starukhina, L., Hoffmann, H., Arnold, G.	A Model of Spectral Albedo of Particulate Surfaces: Implications for Optical Properties of the Moon (1999) Icarus, 137 (2), pp. 235-246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002330095&doi=10.1006%2ficar.1998.6035&partnerID=40&md5=1a8db9e09fd7f9a0ff883840ab1ac9b2
	Shkuratov, Y.G., Kaydash, V.G., Opanasenko, N.V.	Iron and Titanium Abundance and Maturity Degree Distribution on the Lunar Nearside (1999) Icarus, 137 (2), pp. 222-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000380281&doi=10.1006%2ficar.1999.6046&partnerID=40&md5=16b49ddb6057b516887022a1be4fd79
	Shkuratov, Yu.G., Ovcharenko, A.A.	Brightness opposition effect: A theoretical model and laboratory measurements (1998) Solar System Research, 32 (4), pp. 276-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042968661&partnerID=40&md5=8e9129c8f3349db03864e55d78af515
	Bondarenko, N.V., Shkuratov, Yu.G.	A map of regolith-layer thickness for the visible Lunar hemisphere from radar and optical data (1998) Solar System Research, 32 (4), pp. 264-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22044456642&partnerID=40&md5=273c70876266601f2bc608f854efe15
	Opanasenko, N.V., Shkuratov, Yu.G.	Colorimetry of the lunar visible hemisphere in the near infrared range (1998) Solar System Research, 32 (1), pp. 23-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644501138&partnerID=40&md5=ec2b525908abb7432c43f908e65c7ce4
	Kaidash, V.G., Shkuratov, Yu.G.	Distribution of iron, titanium, and the regolith-maturity index over the lunar nearside as inferred from optical measurements (1998) Solar System Research, 32 (5), pp. 371-383.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042532934&partnerID=40&md5=8fadda8679122fbb4d085c68c9a03c77
	Shkuratov, Yu.G., Stankevich, D.G., Ovcharenko, A.A., Ksanfomaliti, L.V., Petrova, E.V., Arnold, G.	Amplitude of the Martian opposition effect from the phobos-2 data (1998) Solar System Research, 32 (2), pp. 90-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22044439628&partnerID=40&md5=41a667f3739a3f0e6066a73228eb2aca
	Shkuratov, Yu.G.	Brightness distribution over the lunar disk at zero phase angle (1997) Solar System Research, 31 (3), pp. 213-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21744435772&partnerID=40&md5=32a6a7f132e8e841f6643ae4eb8de246
	Shkuratov, Yu.G.	A mechanism of the opposition brightness effect of comets and zodiacal-light dust (1997) Solar System Research, 31 (3), pp. 239-241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21744434962&partnerID=40&md5=8f9f1fd104c7548d783fa59bf6aac58f
	Bondarenko, N.V., Shkuratov, Yu.G.	On the relation between radar and optical characteristics of the Moon (1997) Solar System Research, 31 (2), pp. 117-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041530957&partnerID=40&md5=ce1fee0cfff8fe4e1dafd89e8251c109

	Starukhina, L.V., Shkuratov, Yu.G.	Surface Composition of Phobos (1997) Solar System Research, 31 (5), pp. 381-386.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2764452426&partnerID=40&md5=66b1f14c8e66de844279d527c11fc22b
	Shkuratov, Yu.G., Stankevich, D.G., Ovcharenko, A.A., Korokhin, V.V.	A Study of light backscattering from planetary-regolith-type surfaces at phase angles 0.2°-3.5° (1997) Solar System Research, 31 (1), pp. 50-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644515335&partnerID=40&md5=5d78f8f4682dc3cf2175f4a03af9c63
	Stankevich, D.G., Shkuratov, Yu.G., Naidenov, A.N.	Photometry and colorimetry of the Moon from the Galileo data (1997) Solar System Research, 31 (2), pp. 108-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141670783&partnerID=40&md5=47115951599db2a78184a030f62a2620
	Shkuratov, Yu.G., Stankevich, D.G., Opanasenko, N.V., Kaidash, V.G., Bondarenko, N.V.	Relationship between Albedo and Color Index of the Moon (1997) Solar System Research, 31 (1), pp. 41-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21744462463&partnerID=40&md5=745f046c5e25eedb5d353da83b48d5b
	Starukhina, L.V., Shkuratov, Yu.G.	A model for the spectral dependence of albedo for multicomponent regolith-like surfaces (1996) Solar System Research, 30 (4), pp. 258-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21444454867&partnerID=40&md5=5fb36503431e4c69b6d707b783c21c54
	Kreslavskii, M.A., Shkuratov, Yu.G.	Correlation maps of venus radar parameters (1996) Solar System Research, 30 (4), pp. 300-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644573258&partnerID=40&md5=c475aab88cb32a9352939ae715b2ec
	Shkuratov, Yu.G., Melkumova, L.Ya., Opanasenko, N.V., Stankevich, D.G.	Phase dependence of the color index of solid surfaces of celestial bodies (1996) Solar System Research, 30 (1), pp. 71-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21344445038&partnerID=40&md5=66309bc644ea146bf253beb0db5e77ca
	Opanasenko, N.V., Shkuratov, Yu.G., Stankevich, D.G., Kaidash, V.G.	Colorimetric mapping of the visible hemisphere of the moon (1996) Solar System Research, 30 (5), pp. 352-361.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21444444692&partnerID=40&md5=9e3e6dea0e6822f7b07b68b01b1d7426
	Shkuratov, Y.G., Kreslavskii, M.A., Ksanfomaliti, L.V., Petrova, E.V., Pinet, P., Chevrel, S.	A statistical analysis of lunar surface spectra obtained with a Svet spectrometer (1996) Solar System Research, 30 (2), pp. 144-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644505436&partnerID=40&md5=f6e8652b6c9581cacc65b161b8576d6f
	Starukhina, L.V., Shkuratov, Y.G.	A Model for Ion Bombardment-Induced Organic Synthesis on Carbon-Bearing Surfaces in Cosmic Space (1995) Icarus, 113 (2), pp. 442-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040269994&doi=10.1006/2ficar.1995.1033&partnerID=40&md5=abbad6d1e46388205a1e4859d0b8f700
	Shkuratov, Yu.G., Starukhina, L.V., Kreslavsky, M.A., Opanasenko, N.V., Stankevich, D.G., Shevchenko, V.G.	Principle of Undulatory Invariance in Photometry of Atmosphereless Celestial Bodies (1994) Icarus, 109 (1), pp. 168-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007457754&doi=10.1006/2ficar.1994.1084&partnerID=40&md5=093e34b5aebdf0223ebf6d467c8a52e6
	Shkuratov, Yu.G., Muinonen, K., Howell, E., Lumme, K., Peltoniemi, J.I., Kreslavsky, M.A., Stankevich, D.G., Tishkovetz, V.P., Opanasenko, N.V., Melkumova, L.Y.	A Critical review of theoretical models of negatively polarized light scattered by atmosphereless solar system bodies (1994) Earth, Moon, and Planets, 65 (3), pp. 201-246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000969367&doi=10.1007/2fBF00579535&partnerID=40&md5=542622842e86661607d413024cda7ce0
	Shkuratov, Yu.G., Opanasenko, N.V.	Polarimetric and photometric properties of the moon: Telescope observation and laboratory simulation. 2. The positive polarization (1992) Icarus, 99 (2), pp. 468-484.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0006199594&doi=10.1016/2f0019-1035/2892%2990161-Y&partnerID=40&md5=a98e877facdc9afdf14f5d348de1d8f
	Shkuratov, Yu.G., Opanasenko, N.V., Kreslavsky, M.A.	Polarimetric and photometric properties of the Moon: Telescopic observations and laboratory simulations. 1. The negative polarization (1992) Icarus, 95 (2), pp. 283-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44049114660&doi=10.1016/2f0019-1035/2892%2990044-8&partnerID=40&md5=b37d5ac7beded0bf7dd551a16075432d
	Shkuratov, Yu., Opanasenko, N., Basilevsky, A., Zhukov, B., Kreslavsky, M., Murchie, S.	A possible interpretation of bright features on the surface of Phobos (1991) Planetary and Space Science, 39 (1-2), pp. 341-347.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001335547&doi=10.1016/2f0032-0633/2891%2990155-4&partnerID=40&md5=1ee81b2b1024293faf53210ed4675043
	Tsvetkova, V.S., Dudinov, V.N., Novikov, S.B., Pluzhnik, Ye.A., Shkuratov, Yu.G., Vakulik, V.G., Zheleznyak, A.P.	Shape and size of asteroid 4 Vesta: Speckle interferometry and polarimetry (1991) Icarus, 92 (2), pp. 342-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001673144&doi=10.1016/2f0019-1035/2891%2990057-Z&partnerID=40&md5=4d05f4d7c622f0edda0797fe02226c6
	Avanesov, G., Zhukov, B., Ziman, Ya., Kostenko, V., Kuzmin, A., Murav'ev, V., Fedotov, V., Bonev, B., Mishev, D., Petkov, D., Krumov, A., Simeonov, S., Boycheva, V., Uzunov, Yu., Weide, G.-G., Halmann, D., Pössel, W., Head, J., Murchie, S., Schkuratov, Yu.G., Berghänel, R., Danz, M., Mangoldt, T., Pihan, U., Weidlich, U., Lumme, K., Muinonen, K., Peltoniemi, J., Duxbury, T., Murray, B., Herkenhoff, K., Fanale, F., Irvine, W., Smith, B.	Results of TV imaging of phobos (experiment VSK-FREGAT) (1991) Planetary and Space Science, 39 (1-2), pp. 281-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16144367067&doi=10.1016/2f0032-0633/2891%2990150-9&partnerID=40&md5=826b927e986f1ce482b46fc22809582
	Avanesov, G.A., Bonev, B.I., Kempe, F., Bazilevsky, A.T., Boycheva, V., Chikov, K.N., Danz, M., Dimrtov, D., Duxbury, T., Gromatkov, P., Halmann, D., Head, J., Heifets, V.N., Kolev, V., Kostenko, V.I., Kottsov, V.A., Krasavtsev, V.M., Krasikov, V.A., Krumov, A., Kuzmin, A.A., Losev, K.D., Lumme, K., Mishev, D.N., Möhlmann, D., Muinonen, K., Murav'ev, V.M., Murchie, S., Murray, B., Neumann, W., Paul, L., Petkov, D., Petuchova, I., Pössel, W., Rebel, B., Shkuratov, Yu.G., Simeonov, S., Smith, B., Totev, A., Uzunov, Yu., Fedotov, V.P., Weide, G.-G., Zapfe, H., Zhukov, B.S., Ziman, Ya.L.	Television observations of Phobos (1989) Nature, 341 (6243), pp. 585-587.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024823784&partnerID=40&md5=845312fe42357279fb0f42148c8f866d
3	Bazilevski, A.T., Bobina, N.N., Shashkina, V.P., Shkuratov, Yu.G., Kornienko, Yu.V., Usikov, A.Ya., Stankevich, D.G.	On geological processes on venus: Analysis of the relationship between altitude and degree of surface roughness (1982) The Moon and the Planets, 27 (1), pp. 63-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644500641&doi=10.1007/2fBF00941558&partnerID=40&md5=2f003c31c04def3066548e09d8cf9833
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Waveguide T-junctions with resonant coupling between sections of different dimensions (2017) International Journal of Microwave and Wireless Technologies, 9 (5), pp. 1059-1065.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996791619&doi=10.1017/2fIS175907871600129X&partnerID=40&md5=19c26455def4b39cf39effb8d4b4de36
	Penkin, Y.M., Katrich, V.A., Nesterenko, M.V.	Formation of radiation fields of linear vibrator arrays by using impedance synthesis (2017) Progress In Electromagnetics Research M, 57, pp. 1-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020416313&partnerID=40&md5=882b6c0540cc4cb6c9fe3129043a698
	Gretskih, D.V., Gomozev, A.V., Katrich, V.A., Luchaninov, A.I., Nesterenko, M.V., Penkin, Y.M.	Mathematical model of large rectenna arrays for wireless energy transfer (2017) Progress In Electromagnetics Research B, 74 (1), pp. 77-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018468305&partnerID=40&md5=2def52019e9963a6acb8526a34ec4c4
	Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Resonant phenomena at diffraction of tilted impedance dipole field on finite size screen (2016) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2016-December, art. no. 7772209, pp. 49-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009751207&doi=10.1109/2fDIPED.2016.7772209&partnerID=40&md5=16c576bafa419bba88a0ed4452938433
	Penkin, Y.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Influence of a dielectric insert on energy characteristics of a cruciform waveguide junction (2016) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2016-December, art. no. 7772207, pp. 42-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009802503&doi=10.1109/2fDIPED.2016.7772207&partnerID=40&md5=c7b91bd3d0aa9749eace11b4facad4d4

	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	Coaxial-slot antenna array with different lengths of radiators (2016) 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, art. no. 7739607, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007299001&doi=10.1109%2FukrMiCo.2016.7739607&partnerID=40&md5=c9a8be7a16544e9193f618857ec1a568
	Kozheshkurt, V.A., Katrich, V.A.	Determining the depth of the temperature anomalies in biological tissue (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724180, pp. 171-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000717965&doi=10.1109%2FUWBUSIS.2016.7724180&partnerID=40&md5=3e42a49c84f785cd6e793c0815b705d
	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	Electrodynamic characteristics of multielement coaxial-slot antenna (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724194, pp. 221-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000866281&doi=10.1109%2FUWBUSIS.2016.7724194&partnerID=40&md5=8425018562f911d7f041e4e6d0610d5
	Dumin, O.M., Akhmedov, R.D., Katrich, V.A., Dumina, O.O.	Propagation of transient field radiated from plane disk in nonlinear medium (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724155, pp. 77-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000814747&doi=10.1109%2FUWBUSIS.2016.7724155&partnerID=40&md5=937a3deaa04d19a3d044ee943fc84bb
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	E-plane T-junctions of rectangular waveguides with vibrator-slot coupling between arms of different dimensions (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724153, pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000838213&doi=10.1109%2FUWBUSIS.2016.7724153&partnerID=40&md5=7815ecb90e88dcac7488de9af6dcf41
	Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Polarization of wave formed by impedance wire dipole with screen depending on screen sizes (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724192, pp. 213-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000774389&doi=10.1109%2FUWBUSIS.2016.7724192&partnerID=40&md5=fa86dcfa04e67a8d22ab79c1ff243e8
	Penkin, Yu.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Energy characteristics of a T-Shaped Waveguide junction with a dielectric insert (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724154, pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000788355&doi=10.1109%2FUWBUSIS.2016.7724154&partnerID=40&md5=32788b25f60310df359647fdb797cd8a
	Dumin, O.M., Plakhtii, V.A., Katrich, V.A., Dumina, O.O., Volvach, I.S.	Radiation of two small impulse current radiators (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724156, pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000399190&doi=10.1109%2FUWBUSIS.2016.7724156&partnerID=40&md5=1cd655c9d9eccc03402fc6486cca9c
	Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Formation of circularly polarized wave by impedance wire dipole located over square screen (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544033, pp. 396-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985006918&doi=10.1109%2FMMET.2016.7544033&partnerID=40&md5=0a76d1c8a61987696d195939296241b4
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Yu.M., Pshenichnaya, S.V.	Yagi-Uda antennas with impedance wires (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544035, pp. 403-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984976216&doi=10.1109%2FMMET.2016.7544035&partnerID=40&md5=5597096d849417ada76405ac08ace9e
	Plakhtii, V.A., Dumin, O.M., Katrich, V.A., Dumina, O.O., Volvach, I.S.	Energy transformation of transient field of Herzian dipole (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544054, pp. 314-317.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984998994&doi=10.1109%2FMMET.2016.7544054&partnerID=40&md5=c250fcc7f047a82ef1a3b0e5a1fbeb6f7
	Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P., Blinova, N.K., Penkin, Y.M., Dakhov, V.M.	Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7543971, pp. 388-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984973594&doi=10.1109%2FMMET.2016.7543971&partnerID=40&md5=1bfb84d3033708d6cdad60e1adcc2704
	Bulgakova, A.A., Gorobets, N.N., Katrich, V.A., Lyashchenko, V.A.	Directivity of large antenna arrays (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538070, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987933853&doi=10.1109%2FMSMW.2016.7538070&partnerID=40&md5=d694ef60bd1148005f1e7b55007eadda
	Penkin, Yu.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Waveguide junction with controllable power division (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538048, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988001572&doi=10.1109%2FMSMW.2016.7538048&partnerID=40&md5=01d1e48d116a9fc7c54e7edd8ef1c0da
	Plakhtii, V.A., Dumin, O.M., Katrich, V.A., Dumina, O.O.	Field regions of impulse current radiator of small size (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538066, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988000683&doi=10.1109%2FMSMW.2016.7538066&partnerID=40&md5=6555556e1b53d8719c1f5e188980a4a2
	Yatsuk, L.P., Lyakhovsky, A.F., Katrich, V.A., Lyakhovsky, A.A.	Waveguide-slot coupling element partially filled with dielectric (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538049, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988038607&doi=10.1109%2FMSMW.2016.7538049&partnerID=40&md5=2601d4f407f006c0c4c73fa649f3a33c
	Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Directional and polarization radiation characteristics of a horizontal impedance vibrator located above a rectangular screen (2016) Journal of Communications Technology and Electronics, 61 (2), pp. 99-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961615419&doi=10.1134%2FIS1064226916010046&partnerID=40&md5=9bc751be6caebb3830010771555c51be
	Penkin, Y.M., Katrich, V.A., Nesterenko, M.V.	Alternative representation of green's function for electric field on surfaces of thin vibrators (2016) Progress In Electromagnetics Research M, 52, pp. 169-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010338980&doi=10.2528%2FIERM16102604&partnerID=40&md5=a711f5a7431850c05d10d6ca85b02f90
	Yatsuk, L.P., Lyakhovsky, A.F., Katrich, V.A., Lyakhovsky, A.A.	Coupling of two rectangular waveguides through a diaphragm with a dielectric slab in the slot (2016) Progress In Electromagnetics Research M, 49, pp. 9-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983509071&partnerID=40&md5=091705e69b9e34de9596b0e1bc16797a
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Electromagnetic waves radiation by a vibrators system with variable surface impedance (2016) Progress In Electromagnetics Research M, 51, pp. 157-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994779332&doi=10.2528%2FIERM16091605&partnerID=40&md5=574116307dc8d4e0ab68a7e17d6d4c84
	Penkin, Y.M., Katrich, V.A., Nesterenko, M.V.	Development of fundamental theory of thin impedance vibrators (2016) Progress In Electromagnetics Research M, 45, pp. 185-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954552656&partnerID=40&md5=457d1726609ea770f4e45a8bd8b3796d
	Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V., Penkin, Yu.M.	Power characteristics of a T-junction of Rectangular waveguides with a multi-element monopole-slotted coupling structure (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (6), pp. 489-506.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983268644&partnerID=40&md5=855c7b04286f38b71ec71dfd4891d19f
	Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Directive gain of horizontal impedance vibrator located over finite-size perfectly conducting screen (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324255, pp. 71-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959247215&doi=10.1109%2FDIPED.2015.7324255&partnerID=40&md5=1a26404908a9a56d76f4f3352c406e3b
	Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V., Penkin, D.Y.	Radiation fields of radial monopole array mounted on a perfectly conducting sphere (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324254, pp. 66-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959189117&doi=10.1109%2FDIPED.2015.7324254&partnerID=40&md5=073f8380439df373245cf784bd72f606
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M., Pshenichnaya, S.V.	Clavin element with impedance monopoles (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324253, pp. 61-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959218831&doi=10.1109%2FDIPED.2015.7324253&partnerID=40&md5=c135a267f8d9e9710e6bc907b7271ea6
	Berdnik, S.L., Blinova, N.K., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Spherical antenna with a Clavin radiator (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324256, pp. 75-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959239784&doi=10.1109%2FDIPED.2015.7324256&partnerID=40&md5=63678c81b0b5af4fa983db37dc133705
	Chernov, A.I., Dumin, O.M., Miroshnik, D.B., Shckorbatov, Y.G., Katrich, V.A., Kolchigin, N.N.	Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324286, pp. 162-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959188598&doi=10.1109%2FDIPED.2015.7324286&partnerID=40&md5=6dd652b7bc225f2732e859cdc292803

Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Penkin, Y.M., Penkin, D.Y.	Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide (2015) IEEE Transactions on Antennas and Propagation, 63 (9), art. no. 7150358, pp. 4256-4259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940995683&doi=10.1109%2FtAP.2015.2453015&partnerID=40&md5=64eaf349aa9b2d96b43f631ef28e5ad9
Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V.	Electrodynamic characteristics of horizontal impedance vibrator located over a finite-dimensional perfectly conducting screen (2015) Progress In Electromagnetics Research B, 63 (1), pp. 275-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954525361&doi=10.2528%2FPIERB15043003&partnerID=40&md5=1ed280e7baf58a2eeca1e6644453cd98
Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Penkin, Yu.M.	Waveguide E-plane T-junction with resonance coupling between shoulders (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136866, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939430223&doi=10.1109%2FICATT.2015.7136866&partnerID=40&md5=43784c6e1719a598ea798b2c99cb2f95
Dumin, O.M., Shckorbatov, Y.G., Chernov, A.I., Katrich, V.A.	Calculation of experimental apparatus for biological object irradiation by impulse electromagnetic field (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136890, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939440321&doi=10.1109%2FICATT.2015.7136890&partnerID=40&md5=0cfe0c97589780d6342c39d32a35dd0d
Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Penkin, Y.M.	E-plane t-junction of rectangular waveguides with vibrator-slot coupling between arms (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (14), pp. 1225-1240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950313216&partnerID=40&md5=eaa4a0b62b0c3bc318389760f333ef09
Katrich, V.A. , Lyashchenko, V.A., Medvedev, N.V.	Energy characteristics of the slot system in the screen of coaxial line with controlled termination (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136834, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939441396&doi=10.1109%2FICATT.2015.7136834&partnerID=40&md5=3f1a91c2dc795363227cdb53c6ff725a
Penkin, D.Y., Katrich, V.A. , Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M., Berdnik, S.L.	Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere (2015) Progress In Electromagnetics Research B, 62 (1), pp. 137-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930668941&doi=10.2528%2FPIERB14120102&partnerID=40&md5=ba7becf649c348bb76a9e38a81154451
Berdnik, S.L., Penkin, Y.M., Katrich, V.A. , Nesterenko, M.V., Blinova, N.K.	Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959494, pp. 491-492.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915750493&doi=10.1109%2FCRMICO.2014.6959494&partnerID=40&md5=3d5b04740377ac8b2ba9da05e5efac0
Dumin, O.M., Katrich, V.A. , Akhmedov, R.D., Tretyakov, O.A., Dumina, O.O.	Evolutionary approach for the problems of transient electromagnetic field propagation in nonlinear medium (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928717, pp. 57-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910028203&doi=10.1109%2FMMET.2014.6928717&partnerID=40&md5=072638f0e5b04206bc83db6a104ce2e4
Berdnik, S.L., Katrich, V.A. , Penkin, Y.M., Nesterenko, M.V., Pshenichnaya, S.V.	Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere (2013) Progress In Electromagnetics Research M, 34, pp. 89-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891046231&partnerID=40&md5=94a4fc0ccadd84f7255a2e191f85e9b1
Berdnik, S.L., Penkin, Yu.M., Katrich, V.A. , Nesterenko, M.V., Pshenichnaya, S.V.	Resonant slot spherical antenna (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652977, pp. 610-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891067479&partnerID=40&md5=e01a4e8b1db40158871cd08d01fbf965
Penkin, D.Yu., Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Kijko, V.I.	Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653024, pp. 708-709.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891076715&partnerID=40&md5=ee20a643efdd83dde4c68ec3c5f881e
Dumin, O.M., Katrich, V.A. , Koltunov, Y.A.	Method and RIKDEDIN software package for interpretation of remote sensing data (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622051, pp. 346-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888580084&doi=10.1109%2FMSMW.2013.6622051&partnerID=40&md5=8f7cbab76cfa9d8fda0d926a3771dd0
Yatsuk, L.P., Lyakhovsky, A.F., Katrich, V.A.	The physical properties of the resonant diaphragm in a rectangular waveguide with a slot partially filled with a dielectric (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622084, pp. 450-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888618067&doi=10.1109%2FMSMW.2013.6622084&partnerID=40&md5=0fb5ff3f6194e4bd59e6b460c6402580
Shckorbatov, Y.G., Katrich, V.A. , Pasiuga, V.A., Rudenko, A.O.	Cell response to electromagnetic field: Nuclear and membrane mechanisms (2013) Cell Response to Electromagnetic Field: Nuclear and Membrane Mechanisms, pp. 1-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892039069&partnerID=40&md5=e6435c8e4970f732f6029f64432aad
Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Penkin, Y.M.	Spherical antenna excited by a slot in an impedance end-wall of a rectangular waveguide (2013) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6653843, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891596115&partnerID=40&md5=f7e3a866c1013a7226a14a7484af53ca
Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Pshenichnaya, S.V.	Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide (2013) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6653827, pp. 45-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891617203&partnerID=40&md5=e97596b271475dff9adda7056fd9432
Antonenko, Ye.A., Katrich, V.A. , Karpov, A.I.	The microstrip resonator for measurement of dielectric constant (2013) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6653825, pp. 37-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891618067&partnerID=40&md5=bde61d8b8e4f3a935c2af74ac50582
Penkin, D.Y., Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Kijko, V.I.	Electromagnetic fields excitation by a multielement vibrator-slot structures in coupled electrodynamic volumes (2013) Progress In Electromagnetics Research B, (49), pp. 235-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875082569&partnerID=40&md5=ba3f243585e7f36f5b35f518db9b0a12
Berdnik, S.L., Penkin, Y.M., Katrich, V.A. , Nesterenko, M.V., Kijko, V.I.	Electromagnetic waves radiation into the space over a sphere by a slot in the end-wall of a semi-infinite rectangular waveguide (2013) Progress In Electromagnetics Research B, (46), pp. 139-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875065219&doi=10.2528%2FPIERB12102203&partnerID=40&md5=88a9a42258e67e167326f88849b117d4
Katrich, V.A. , Lyashchenko, V.A., Medvedev, N.V.	The frequency-energy and spatial characteristics of the coaxial-slot array (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650707, pp. 148-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898609674&doi=10.1109%2FICATT.2013.6650707&partnerID=40&md5=602d218df680090e1263b2ddc7053aab
Dumin, O.M., Katrich, V.A. , Koltunov, Y.A., Neroda, I.V.	Numerical methods of structure-statistical object classification for remote sensing (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650800, pp. 426-428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898623888&doi=10.1109%2FICATT.2013.6650800&partnerID=40&md5=43c531dc97b8bb85420360b68291db79
Penkin, D.Y., Katrich, V.A. , Dakhov, V.M., Nesterenko, M.V., Berdnik, S.L.	Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650699, pp. 123-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898619557&doi=10.1109%2FICATT.2013.6650699&partnerID=40&md5=aa4df88f673770a07b91d49b1af313d6
Dumin, O., Koltunov, Y., Dumina, O., Katrich, V.	Statistical approach to the recognition and classification for remote sensing (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331272, pp. 336-339.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870855225&doi=10.1109%2FMMET.2012.6331272&partnerID=40&md5=eb74671bbe64ccc74147c218c1e3906b
Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Kijko, V.I.	System of impedance vibrators in free space (2012) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6344097, pp. 53-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870676572&partnerID=40&md5=8941aa170986fa321a8d4d43ff636c61
Dakhov, V.M., Katrich, V.A. , Berdnik, S.L.	Optimization of the radiation pattern of regular antenna arrays with taking into account mutual coupling between radiators (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379767, pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872250321&doi=10.1109%2FUWBUSIS.2012.6379767&partnerID=40&md5=c536b7a76cc2e3bfde94c4db4cc40f1d

	Katrich, V.A. , Lyashchenko, V.A., Medvedev, N.V.	Radiation from the transverse slot cut in a coaxial line in the lossy material medium (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379738, pp. 78-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872243029&doi=10.1109%2FUEWBUSIS.2012.6379738&partnerID=40&md5=5c2c9af71568b4d96b106ea5a511263
	Koltunov, Y.A., Dumin, O.M., Katrich, V.A. , Dumina, O.A.	Calculation of fisher information matrix and its application in methods of recognition and classification for remote sensing of earth (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379805, pp. 278-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872241106&doi=10.1109%2FUEWBUSIS.2012.6379805&partnerID=40&md5=e381ff7a5ec3aa70e7e879197f79c4f
	Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Penkin, D.Y., Pshenichnaya, S.V.	Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379777, pp. 195-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872244934&doi=10.1109%2FUEWBUSIS.2012.6379777&partnerID=40&md5=abf3124b6622d1cc83702e7587f2cd6
	Dakhov, V.M., Katrich, V.A. , Berdnik, S.L.	Optimization of irregular antenna arrays taking into account mutual coupling of radiators (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336054, pp. 457-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869834177&partnerID=40&md5=7150fa623f796627d6b7c0242477b7a0
	Katrich, V.A. , Lyashchenko, V.A., Medvedev, N.V.	Slot radiator in the semi-infinite coaxial line (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336068, pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869749865&partnerID=40&md5=a47ec70dc891a2237fad276df75dc0d2
	Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Pshenichnaya, S.V.	Multimode excitation of waveguide-slot leaky-wave radiator (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336062, pp. 483-484.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869744650&partnerID=40&md5=d259b43236f0debe022f6b1086f2618e
	Nesterenko, M.V., Katrich, V.A. , Penkin, D.Y., Berdnik, S.L., Kijko, V.I.	Electromagnetic waves scattering and radiation by vibrator-slot structure in a rectangular waveguide (2012) Progress In Electromagnetics Research M, 24, pp. 69-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859356712&partnerID=40&md5=b01b89489d3e1b5160a23fb4d007dd0d
	Nesterenko, M.V., Katrich, V.A. , Penkin, Y.M., Berdnik, S.L., Kijko, V.I.	Combined vibrator-slot structures in electrodynamic volumes (2012) Progress In Electromagnetics Research B, (37), pp. 237-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872238642&partnerID=40&md5=8c28f8b977b5b53ed4227000fa0a2e24
	Dakhov, V.M., Katrich, V.A. , Nesterenko, M.V., Berdnik, S.L.	Radiation polarization control of the turnstile antenna with impedance vibrators (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170740, pp. 199-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859977200&doi=10.1109%2FICATT.2011.6170740&partnerID=40&md5=1271f6675fee3a6af9f35d6cd3b57a8
	Nesterenko, M.V., Katrich, V.A. , Penkin, Y.M., Dakhov, V.M., Berdnik, S.L.	Thin impedance vibrators: Theory and applications (2011) Lecture Notes in Electrical Engineering, 95 LNEE, pp. 1-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868275623&doi=10.1007%2F978-1-4419-7850-9&partnerID=40&md5=5ba75b4e007261cf86933130ed2b37a8
	Antonenko, E.A., Mustetsov, N.P., Katrich, V.A. , Karpov, A.I.	The research method of biological tissue permittivity (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068802, pp. 1009-1010.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143800&partnerID=40&md5=f550bac75d9a31d04391748b2c45397c
	Penkin, D.Yu., Katrich, V.A. , Nesterenko, M.V., Dakhov, V.M.	Input resistance of impedance monopole on spherical scatterer (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069070, pp. 596-597.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142449&partnerID=40&md5=1a067cb2c85a122e8816d28ec8edc560
	Berdnik, S.L., Katrich, V.A. , Kijko, V.I., Nesterenko, M.V.	A slot radiator at an end wall of rectangular waveguide with a double-slot resonant diaphragm (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069057, pp. 565-566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143471&partnerID=40&md5=b51053e5d5dc41dee4688a7bb45cbe12
	Katrich, V.A. , Lyashchenko, V.A., Medvedev, N.V.	Multielement systems of coaxial-slot radiators (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069049, pp. 545-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142489&partnerID=40&md5=00c39ab290659c95428b24d16799138
	Shiokorad, D.V., Dumin, A.N., Dumina, O.A., Katrich, V.A.	Analysis of pulsed fields reflected from a layered lossy medium using artificial neural network (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 70 (10), pp. 873-881.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052095259&doi=10.1615%2FTelecomRadEng.v70.i10.30&partnerID=40&md5=85afd4e2bbfc26a51009289f507c9099
	Katrich, V.A. , Lyashchenko, V.A., Medvedev, N.V.	A slot radiator in a coaxial line (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 70 (5), pp. 395-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961076115&doi=10.1615%2FTelecomRadEng.v70.i5.20&partnerID=40&md5=73d9fb02355a7b1dc66af641f9e402
	Penkin, D.Yu., Katrich, V.A. , Nesterenko, M.V., Dakhov, V.M.	Current distribution in radial impedance monopole on spherical scatterer (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632476, pp. 583-584.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650398705&partnerID=40&md5=c4b6fa4c4b45155de3b0a58981c78847b
	Katrich, V.A. , Mustetsov, N.P., Karpov, A., Antonenko, E.A.	Hardware-software complex for research of absorption spectrum of blood in decimetre band (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632941, pp. 1147-1148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650413356&partnerID=40&md5=0e2e1743c09832acc7e9d3962c1fda81
	Nesterenko, M.V., Katrich, V.A. , Berdnik, S.L., Penkin, Yu.M.	Yagi-Uda antenna with impedance vibrators (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632484, pp. 591-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650396157&partnerID=40&md5=42a3d8197206f3e699c971a291f0a33e
	Katrich, V.A. , Mustetsov, N.P., Beletsky, N.I., Antonenko, E.A.	Trial-and-error procedure of parameters of electromagnetic fields for therapeutic intervention (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632937, pp. 1149-1150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650394463&partnerID=40&md5=0dc8145d6931658c175d754b2007fb96
	Nesterenko, M.V., Katrich, V.A. , Penkin, S.L.B.Y.M., Dakhov, V.M.	Application of the generalized method of induced EMF for investigation of characteristics of thin impedance vibrators (2010) Progress In Electromagnetics Research B, (26), pp. 149-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650365378&doi=10.2528%2FPIERB10052902&partnerID=40&md5=9476db33b9c072180c79accbc619b9db
	Nesterenko, M.V., Katrich, V.A. , Dakhov, V.M., Kiyko, V.I.	Electrodynamic characteristics of the system impedance vibrator - Slot radiator in a rectangular waveguide (2010) DIPED-2010 - 15th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, Proceedings, art. no. 5623924, pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650210994&partnerID=40&md5=d39c123ef2e518148060acd971a91cf5
	Nesterenko, M.V., Dakhov, V.M., Katrich, V.A. , Berdnik, S.L., Pshenichnaya, S.V.	Electromagnetic waves radiation by thin vibrators with asymmetrical surface impedance (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609138, pp. 212-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650082400&doi=10.1109%2FUEWBUSIS.2010.5609138&partnerID=40&md5=54e332e2d7387d5f7877e0e4d0d62330
	Dumin, O.M., Tretyakov, O.A., Katrich, V.A. , Dumina, O.O., Nesterenko, M.V., Kholodov, V.I.	Evolutionary equations for electromagnetic fields in unbounded space filled with layered inhomogeneous nonlinear transient medium with losses (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609109, pp. 99-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650105667&doi=10.1109%2FUEWBUSIS.2010.5609109&partnerID=40&md5=2c2e9f2f68f3b8ae8c7cd04a49add59
	Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Pshenichnaya, S.V.	Near-zone em field of combined slotted waveguide radiators in a material medium (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 69 (16), pp. 1491-1497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951654969&doi=10.1615%2FTelecomRadEng.v69.i16.90&partnerID=40&md5=031a8cbe8482630e69e6c98b9b3fec7
	Shyrokod, D., Dumin, O., Dumina, O., Katrich, V.	Analysis of transient fields reflected from model of human body surface using convolutional neural network (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611389, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649245338&doi=10.1109%2FMMET.2010.5611389&partnerID=40&md5=0cc7a13d2675a355d1982c49c900e28e

	Nesterenko, M.V., Katrich, V.A. , Dakhov, V.M.	Formation of the radiation field with given spatial-polarization characteristics by a system of crossed impedance dipoles (2010) Radiophysics and Quantum Electronics, 53 (5-6), pp. 371-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651431130&doi=10.1007%2F11141-010-9236-6&partnerID=40&md5=6d5ed1ff355bf245faef7ee96ba0fdb
	Dumin, O.M., Shykorad, D.V., Dumina, O.O., Katrich, V.A. , Chebotarev, V.I.	Approximating properties of artificial neural network in time domain for the analysis of electromagnetic fields reflected from model of human body surface (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546075, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957341751&doi=10.1109%2FMSMW.2010.5546075&partnerID=40&md5=bb7c745616aea5e5cd7fa925497e5263
	Dumin, O.M., Dumina, O.O., Katrich, V.A.	Evolution of transient electromagnetic fields in radially inhomogeneous nonstationary medium (2010) Progress in Electromagnetics Research, 103, pp. 403-418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953793184&partnerID=40&md5=ea5a380d35f4574c4b1a79809a3913b0
	Nesterenko, M.V., Penkin, D.Y., Katrich, V.A. , Dakhov, V.M.	Equation solution for the current in radial impedance monopole on the perfectly conducting sphere (2010) Progress In Electromagnetics Research B, (19), pp. 95-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455130803&partnerID=40&md5=286fa432d38ca93f51614f59f00a0320a
	Nesterenko, M.V., Katrich, V.A. , Dumin, A.N., Kiyko, V.I.	Resonant iris with the slot arbitrary oriented in rectangular waveguide (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293016, pp. 513-514.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949126592&partnerID=40&md5=8ccea3b2df8d25483b7279e4fb1b45
	Dumin, A.N., Dumina, O.A., Katrich, V.A. , Yu, Z.	Radiation of short pulses from the open end of a circular waveguide (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1785-1793.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849111947&doi=10.1615%2FtelecomRadEng.v68.i20.10&partnerID=40&md5=07757a8e09f3efd2f4f3102d1bfa59b9
	Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V., Pshenichnaya, S.V.	Near fields of combined waveguide-slot radiators in matter (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293053, pp. 442-443.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949120974&partnerID=40&md5=ac1d583e9e0dd65600d4048559285d40
	Berdnik, S.L., Gorobets, N.N., Katrich, V.A. , Lyashchenko, V.A.	Matching of large-size waveguide radiator with a dielectric (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1795-1809.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849105583&doi=10.1615%2FtelecomRadEng.v68.i20.20&partnerID=40&md5=c4adbf5786610efedaebfaef6804ec
	Nesterenko, M.V., Katrich, V.A.	Electromagnetic waves scattering by thin impedance vibrators and narrow slots in waveguides (2008) DIPED-2008 - Proceedings of 13th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, art. no. 4671814, pp. 97-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849088342&doi=10.1109%2FDIPED.2008.4671814&partnerID=40&md5=ab12591d750f4f7338f6e01ce1fd4134
	Dakhov, V.M., Katrich, V.A. , Nesterenko, M.V., Berdnik, S.L.	Radiation field of crossed vibrators system into flat-layered medium with losses (2008) 2008 4th International Conference on Ultrawideband and Ultraslot Impulse Signals, UWBUSIS 2008, art. no. 4669366, pp. 86-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649200252&doi=10.1109%2FUWBUS.2008.4669366&partnerID=40&md5=06506cef28c39bf129e6f6613721047f
	Katrich, V.A. , Lyashchenko, V.A., Bulgakova, A.A.	Radiation from the transverse slot in a coaxial line (2008) 2008 4th International Conference on Ultrawideband and Ultraslot Impulse Signals, UWBUSIS 2008, art. no. 4669365, pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649178441&doi=10.1109%2FUWBUS.2008.4669365&partnerID=40&md5=a78818df46278c370318c847b539c43f
	Dumin, O.M., Dumina, O.O., Katrich, V.O.	Impulse irradiation of layered medium by the open end of circular waveguide (2008) 2008 4th International Conference on Ultrawideband and Ultraslot Impulse Signals, UWBUSIS 2008, art. no. 4669419, pp. 232-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649171120&doi=10.1109%2FUWBUS.2008.4669419&partnerID=40&md5=2d9611f1c593f276b63cd270f84ceef4
	Dakhov, V.M., Katrich, V.A. , Nesterenko, M.V.	Compact radiator for microwave hyperthermia (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676634, pp. 860-861.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049150432&doi=10.1109%2FCRMICO.2008.4676634&partnerID=40&md5=bd734ad43d67eb9b6cd7dcdd4e45f55
	Nesterenko, M.V., Katrich, V.A. , Penkin, Y.M., Berdnik, S.L.	Analytical and hybrid methods in the theory of slot-hole coupling of electrodynamic volumes (2008) Analytical and Hybrid Methods in the Theory of Slot-Hole Coupling of Electrodynamic Volumes, pp. 1-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895274313&doi=10.1007%2F978-0-387-76362-0&partnerID=40&md5=a89a07692b9a6ead7b3bdc4b0290fa66
	Katrich, V.A. , Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N.	The microstrip antenna (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676444, pp. 431-432.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049167841&doi=10.1109%2FCRMICO.2008.4676444&partnerID=40&md5=91a65e84a5df04c235e0dd0ca20b31c
	Dumin, O., Dumina, O., Katrich, V.	Controlled transient radiation from the open end of circular waveguide (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580973, pp. 298-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749103516&doi=10.1109%2FMMET.2008.4580973&partnerID=40&md5=0195aba8f8cab2737a4e77f718454417
	Berdnik, S.L., Katrich, V.A.	Sidelobe reduction of two-dimensional waveguide-slot antenna arrays (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425245, pp. 461-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849085527&doi=10.1109%2FICATT.2007.4425245&partnerID=40&md5=0cb3e82f09e54c0f77d21fd0c01d7e
	Belogurov, E.Y., Katrich, V.A. , Lyashchenko, V.A.	Wave radiation of electrically long axial slot cut into the circular waveguide (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425227, pp. 405-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849131772&doi=10.1109%2FICATT.2007.4425227&partnerID=40&md5=23a04be889feb7d98020edd8bdeb88ee
	Belogurov, E.Y., Katrich, V.A. , Kijko, V.I., Nesterenko, M.V.	Thin impedance vibrator with variable radius in rectangular waveguide (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368832, pp. 516-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149093662&doi=10.1109%2FCRMICO.2007.4368832&partnerID=40&md5=22cda52f1c7edc5cd2db27539341076c
	Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V.	Near fields of waveguide-slot arrays in matter (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368926, pp. 739-740.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149103416&doi=10.1109%2FCRMICO.2007.4368926&partnerID=40&md5=1d91d412725bdd557bd2f21309114f87
	Katrich, V.A. , Nesterenko, M.V., Dakhov, V.M.	The near zone field of crossed impedance vibrators in absorbing medium over the perfect conducting plane (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425151, pp. 184-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849124908&doi=10.1109%2FICATT.2007.4425151&partnerID=40&md5=0aaf9a4a0e38e51715f52d61bb780404
	Dumin, O.M., Dumina, O.O., Zheng, Y., Shishkova, A.V., Katrich, V.O.	Transient radiation from the open end of circular waveguide (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425150, pp. 181-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849121767&doi=10.1109%2FICATT.2007.4425150&partnerID=40&md5=c56a47307e479328c842c80014bea3f0
	Katrich, V.A. , Mayboroda, D.V., Pogarsky, S.A., Pshenichnay, S.V., Saprykin, I.I.	The bounded periodical microstrip-slot structure as a radiating model (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425231, pp. 418-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849086845&doi=10.1109%2FICATT.2007.4425231&partnerID=40&md5=acea9f81c5355d3efd3abfd7e0897f0e
	Katrich, V.A. , Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	Radiating system on the basis of ring hybrid metal-dielectric structure (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368605, pp. 429-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149089791&doi=10.1109%2FCRMICO.2007.4368605&partnerID=40&md5=c7f95842c819fedac5f86017f04ccdd9
	Yatsuk, L.P., Berdnik, S.L., Katrich, V.A.	Output performance of a slot in a waveguide with dielectric insert of finite length (2007) Radioelectronics and Communications Systems, 50 (11), pp. 616-624.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549141621&doi=10.3103%2FIS0735272707110052&partnerID=40&md5=dd373c9b451c008a397436b687e8fffc
	Nesterenko, M.V., Katrich, V.A. , Penkin, Yu.M., Berdnik, S.L.	Analytical methods in theory of slot-hole coupling of electrodynamic volumes (2007) Progress in Electromagnetics Research, 70, pp. 79-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947321288&partnerID=40&md5=00012f55004be4ba3d89fc740bf83e5
	Nesterenko, M.V., Katrich, V.A.	The asymptotic solution of an integral equation for magnetic current in a problem of waveguides coupling through narrow slots (2006) Progress in Electromagnetics Research, 57, pp. 101-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947169185&partnerID=40&md5=a4d4642981f98864e410b9c8b991d5a1
	Katrich, V. , Novokhatskiy, F.	Integral representations of the Green's function for the Helmholtz equation in parallel plate, rectangular waveguide and resonator (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689759, pp. 251-253.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547258793&partnerID=40&md5=92c6fc720eaa39c9c544a3890f1e9b
	Nesterenko, M.V., Katrich, V.A. , Belogurov, E.Yu.	Thin vibrator with variable impedance in rectangular waveguide (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023383, pp. 548-549.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249086599&doi=10.1109%2FCRMICO.2006.256101&partnerID=40&md5=c36739bfce5dc12a54e16c9211017044

	Lyaschenko, V.A., Katrich, V.A. , Berdnik, S.L.	Lossy dielectrics influence on radiating characteristics of waveguide-slot antennas (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023333, pp. 437-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249123887&doi=10.1109%2fICRMICO.2006.256051&partnerID=40&md5=c93b84e004fca5d22ed7b8bb11d0669
	Dumin, O.M., Dumina, O.O., Katrich, V.O.	Propagation of spherical transient electromagnetic wave through radially inhomogeneous medium (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099286, pp. 276-278.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849106043&doi=10.1109%2fUWBUS.2006.307228&partnerID=40&md5=94d56c26e5d33283cac4836bfad642ca
	Gorobets, N.N., Katrich, V.A. , Lyaschenko, V.A., Bulgakova, A.A.	Formation of directional patterns of planar antenna arrays (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (17), pp. 1547-1554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347365322&doi=10.1615%2fTelecomRadEng.v65.i17.10&partnerID=40&md5=a221dac1630f43484d2243ae8d91580
	Katrich, V.A. , Nesterenko, M.V., Yatsuk, L.P.	Energy characteristics of multielement resonator-slot radiators (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099264, pp. 211-213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249098385&doi=10.1109%2fUWBUS.2006.307206&partnerID=40&md5=8b50c2d5f30655de783c044f97a8ffbc
	Dumin, O., Dumina, O., Katrich, V.	Evolution of transient electromagnetic fields in spherical coordinate system (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689792, pp. 363-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547376586&partnerID=40&md5=5d6729fb0d6f8ad75c469e02193ddf19
	Dumin, O.M., Dumina, O.O., Katrich, V.O.	Comparative analysis of the analytical and numerical solutions of transient wave propagation problem (2006) DIPED-2006 - Proceedings of 11th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, art. no. 4105756, pp. 43-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249120982&doi=10.1109%2fDIPED.2006.314285&partnerID=40&md5=c49356ae0d73d943515db04d3d617b0b
	Katrich, V.A. , Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The mechanism of collinear longitudinal slot and microstrip eigenwaves interaction (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099265, pp. 214-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249087219&doi=10.1109%2fUWBUS.2006.307207&partnerID=40&md5=137f21c9f693428a8058836ef3e2c1a
	Katrich, V.A. , Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I., Shaulov, E.A.	The radiating characteristics of multi-element hybrid metal-dielectric structure (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023352, pp. 477-478.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249088776&doi=10.1109%2fICRMICO.2006.256070&partnerID=40&md5=d7be80b829b87197de58b9fa4b051da4
	Katrich, V.A. , Martynenko, S.A.	Antenna array with coupled slots in a narrow wall of a rectangular waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 1, art. no. 1564944, pp. 366-367.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846284203&doi=10.1109%2fICRMICO.2005.1564944&partnerID=40&md5=3b975cee34e1128a6091132bc1ad66ee
	Nesterenko, M.V., Katrich, V.A. , Penkin, Yu.M.	Diffraction of H10-wave by stepped rectangular waveguide coupling with impedance slot iris (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 63 (7), pp. 569-588.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747035049&doi=10.1615%2fTelecomRadEng.v63.i7.10&partnerID=40&md5=c104a54b87c517ea28f22bc53e4ff9a9
	Katrich, V.A. , Lyaschenko, V.A., Belogurov, E.Y., Bulgakova, A.A.	Slots in a shielded microstrip line (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 2, art. no. 1565050, pp. 591-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846286885&doi=10.1109%2fICRMICO.2005.1565050&partnerID=40&md5=0672866b7885fb290e91b5fa7842c791
	Katrich, V.A. , Nesterenko, M.V., Khizhnyak, N.A.	Asymptotic solution of integral equation for magnetic current in slot radiators and coupling apertures (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 63 (2), pp. 89-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747041598&doi=10.1615%2fTelecomRadEng.v63.i2.10&partnerID=40&md5=0b36adbc9eca2d9f3a09127f0b251a8
	Nesterenko, M.V., Katrich, V.A. , Dakhov, V.M.	The near zone fields and polarization characteristics of crossed impedance vibrators over perfect conducting plane (2005) Proceedings of Xth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2005, 2005, art. no. 1564573, pp. 97-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846312175&partnerID=40&md5=349a1e6770dfc3a2d0a5201ead8fe9f
	Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V.	Near field of non-resonant system of transverse slots in rectangular waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 1, art. no. 1564943, pp. 364-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846297027&doi=10.1109%2fICRMICO.2005.1564943&partnerID=40&md5=62922addbab43a496d910f3b9be4d2d
	Katrich, V.A. , Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Shaulov, E.A., Trufanov, B.D.	Radiating characteristics of single slot in the shield of strip dielectric waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 2, art. no. 1565030, pp. 549-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846296667&doi=10.1109%2fICRMICO.2005.1565030&partnerID=40&md5=a29f6b8b83c523c4c13a67afc76a5a27
	Lyaschenko, V.A., Katrich, V.A. , Berdnik, S.L., Bulgakova, A.A.	Effect of dielectrics on radiating characteristics and directional properties of waveguide-slot antennas (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 383-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644388559&partnerID=40&md5=59ba4ea13c64b41b2a195b729205b28
	Dumin, A.N., Dumina, O.A., Katrich, V.A. , Nesterenko, M.V.	Method of induced magnetomotive forces in comparison with FDTD simulation in problems of waveguide coupling by a narrow slot (2004) DIPED-2004: Proceedings of the 9th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645145802&partnerID=40&md5=2e48f5c02263efab47c4e934f72d863c
	Blinova, N.K., Lyakhovsky, A.A., Yatsuk, L.P., Katrich, V.A.	Waveguide-slot antenna with longitudinal dielectric slab retarding system (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 354-355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644366958&partnerID=40&md5=03e99e963b97660b67fe9f506474fa4c
	Katrich, V.A. , Dumin, A.N., Dumina, O.A.	Radiation of transient fields from two-element array (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 656-658.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544291025&partnerID=40&md5=b516c27841844c037c575752936ec04
	Tretyakov, O., Dumin, A., Dumina, O., Katrich, V.	Modal basis method in radiation problems (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344250434&partnerID=40&md5=71a825a1692223ffe21f49ba090fe4c7
	Katrich, V.A. , Yatsuk, L.P., Nosenko, O.N.	Mathematical model of irregular slot in a broad wall of rectangular waveguide (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 260-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344283374&partnerID=40&md5=20860eddbf111a2f4f85805eac9f2caf
	Berdnik, S.L., Katrich, V.A. , Nesterenko, M.V.	Analysis of electrically long longitudinal slots system in broad wall of rectangular waveguide (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 381-382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644384548&partnerID=40&md5=84920290474a23cad9ce95d2fb094291
	Blinova, N.K., Lyakhovsky, A.A., Yatsuk, L.P., Katrich, V.A.	The influence of dielectric layer in waveguide on the characteristics of multi-slot antenna (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 257-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644377927&partnerID=40&md5=40d2562c167dfc83dc4448d3667e89ec
	Nesterenko, M.V., Katrich, V.A. , Penkin, Yu.M.	Scattering of electromagnetic waves on stepped junction of two rectangular waveguides with slot impedance iris (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 713-715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544302225&partnerID=40&md5=7d57ddaccd75b952129a6b1a18d693d0
	Dumin, A.N., Butrym, A.Yu., Tretyakov, O.A., Katrich, V.A. , Dumina, O.A.	Transient electromagnetic fields in unbounded space with inhomogeneous medium (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 104-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644365686&partnerID=40&md5=947fab12577526c5cdc266b6292a936
	Lyakhovsky, A.A., Blinova, N.K., Katrich, V.A. , Lyakhovsky, A.F., Yatsuk, L.P.	Multi-slot systems on the base of waveguides with partial dielectric filling (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 644-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544281064&partnerID=40&md5=acfb80cebaab4f14914006adee975fc9

	Katrich, V.A. , Lyaschenko, V.A., Belogurov, E.Y., Kyiko, V.I., Pshenichnaya, S.V.	Longitudinal slot with changing width cut in rectangular waveguide (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 385-386.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644362536&partnerID=40&md5=3a18169b4a6ed908de46536704de8a6c
	Katrich, V.A. , Zvyagintsev, A.A., Pogarsky, S.A., Saprykin, I.I., Mayboroda, D.V., Shaurov, E.A.	Dielectric image guide as basic electrodynamic structure for high-performance radiation systems design (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 394-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644379451&partnerID=40&md5=81cdd1b4284df985cd09fca0ef2f8fb2
	Gorobets, N.N., Katrich, V.A. , Lyakhovskij, A.A., Shepilko, E.V.	The effect of magnetic dipole position with respect to the outward edge of an open cylindric volume on far-zone field (2004) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 47 (8), pp. 44-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644288617&partnerID=40&md5=487252731645cadcf71f7661999aeb915
	Nesterenko, M.V., Katrich, V.A.	Method of induced magnetomotive forces for resonator-slot radiators and coupling holes (2004) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 47 (1), pp. 12-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542426440&partnerID=40&md5=52ede902d1da7cf912fe8e1e7196b45b
	Katrich, V.A. , Nesterenko, M.V.	The near-zone field and resonant frequencies of narrow longitudinal slots in the broad face of a rectangular waveguides (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (1-2), pp. 125-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947318248&doi=10.1615/2fTelecomRadEng.v60.i12.160&partnerID=40&md5=10743cf9eebfbcc280f3c824e4bcdc
	Katrich, V.A. , Dumin, A.N.	Study of non-stationary fields from rectangular waveguide open end (2003) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 46 (11), pp. 34-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346056420&partnerID=40&md5=5da3dce7fbeb0a20fb2f2b4c212adc693
	Katrich, V.A. , Nesterenko, M.V., Yatsuk, L.P.	Induced magnetomotive forces method for the analysis of radiating and coupling slots in waveguides (2003) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 4, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042471707&partnerID=40&md5=4dfd4983309b443c10b595d120d8c35a
	Nesterenko, M.V., Katrich, V.A.	Asymptotic solution of integral equation into a problem of coupling between waveguides through narrow slots (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239206, pp. 280-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946137413&doi=10.1109/2fICATT.2003.1239206&partnerID=40&md5=b726d569b75051599f89d02cfc8ae35
	Katrich, V.A. , Martynenko, S.A., Pshenichnaya, S.V.	Slotted-guide array with inclined slots in a narrow wall of a rectangular waveguide (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256560, pp. 406-407.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945121344&doi=10.1109/2fICRMICO.2003.158875&partnerID=40&md5=205264b2a2d72a04d52e83af4e898464
	Berdnik, S.L., Katrich, V.A. , Lyaschenko, V.A.	Closely spaced transverse slots in rectangular waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239204, pp. 273-275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049094624&doi=10.1109/2fICATT.2003.1239204&partnerID=40&md5=e0448237d719f53f4843e7d0c5d591b2
	Katrich, V.A. , Pogarsky, S.A., Saprykin, I.I., Chumachenko, V.A.	Automated system for antenna parameters measurement (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256655, pp. 655-656.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945117921&doi=10.1109/2fICRMICO.2003.158969&partnerID=40&md5=15bf324f32f16c2943eae522e8017bba
	Katrich, V.A. , Martynenko, S.A., Pshenichnaya, S.V.	Leaky-wave antenna with inclined slots in a waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239205, pp. 276-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946132108&doi=10.1109/2fICATT.2003.1239205&partnerID=40&md5=ccd4581d9884c1c3cd638802676194c6
	Katrich, V.A. , Dumin, A.N., Dumina, O.A.	Radiation of transient fields from the open end of rectangular waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238810, pp. 583-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544294096&doi=10.1109/2fICATT.2003.1238810&partnerID=40&md5=44f90018c6e6720bad0db123900053a
	Nesterenko, M.V., Penkin, Yu.M., Katrich, V.A.	Radiating impedance end face of rectangular waveguide (2003) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2003-January, art. no. 1249805, pp. 90-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948688539&partnerID=40&md5=3b6c755066ddcf71d99f3f19e24663d
	Katrich, V.A. , Lyashenko, V.A., Berdnik, S.L.	Electrically long waveguide-slot antennas with optimal radiating and directional characteristics (2003) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 46 (2), pp. 51-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037229653&partnerID=40&md5=9c4aa4fb5a04fec6d263f157553848d8
	Berdnik, S.L., Katrich, V.A. , Lyaschenko, V.A.	The optimization of characteristic for electrically lengthy longitudinal slots in a narrow wall of the rectangular waveguide (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256555, pp. 395-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945156538&doi=10.1109/2fICRMICO.2003.158870&partnerID=40&md5=eb943918611349020b7b5b0960ea37b0
	Lyaschenko, V.A., Katrich, V.A.	External admittances of wide slots (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (1), pp. 1-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044432969&partnerID=40&md5=409bfa5d5c5ed8599eb605cd9b89958
	Katrich, V.A. , Nesterenko, M.V.	Power characteristics of electrically long longitudinal slots in rectangular waveguides (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (11-12), pp. 37-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751194440&partnerID=40&md5=4d0c33ac5eeef70f0536227b6187e21b
	Berdnik, S.L., Katrich, V.A. , Lyashchenko, N.A., Polyanov, N.A.	Energy characteristics and directed properties of electrically long longitudinal slots in a rectangular waveguide (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (3-4), pp. 93-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751187135&partnerID=40&md5=60f3dcb9b2a657c7b32d9312d7744f0
	Katrich, V.A. , Martynenko, S.A., Yatsuk, L.P.	Inclined slot in the narrow wall of rectangular waveguide (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (8-9), pp. 33-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751253493&partnerID=40&md5=923808fbb21d6e53502bfb6e845868ac
	Katrich, V.A. , Nesterenko, M.V., Yatsuk, L.P., Berdnik, S.L.	Method of induced magnetomotive forces for electrically long slots in waveguide walls (2002) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 45 (12), pp. 14-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036991803&partnerID=40&md5=0a62690b3149bf67d2abbe55075b1513
	Dumin, A.N., Katrich, V.A.	Energy transformation of a transient wave on radiating aperture (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106857, pp. 189-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948953180&doi=10.1109/2fMMET.2002.1106857&partnerID=40&md5=8c9eca2093fe566cb713a5ca5f40ec31
	Zhyronkina, A.V., Katrich, V.A. , Lyakhovsky, A.A., Lyakhovsky, A.F.	Influence of excitation conditions of resonator with longitudinal coupling slot on the amplitude-phase distribution in waveguide-slot antenna (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137271, pp. 357-358.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968750603&doi=10.1109/2fICRMICO.2002.1137271&partnerID=40&md5=31c2cf9db661e74330a06cf158e9e2
	Berdnik, S.L., Katrich, V.A. , Lyaschenko, V.A.	Optimization of electrically lengthy longitudinal slots patterns (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137273, pp. 361-362.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968807229&doi=10.1109/2fICRMICO.2002.1137273&partnerID=40&md5=e11c4e43fee0fa9272c442a335f46a7
	Gorobets, N.N., Katrich, V.A. , Nesterenko, M.V., Popov, V.S.	Near field distribution of thin impedance vibrators in absorbing medium (2002) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2002-January, art. no. 1049172, pp. 46-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948970627&doi=10.1109/2fDIPED.2002.1049172&partnerID=40&md5=6f06082207dc5d7ff6982403f2d1beba
	Katrich, V.A. , Martynenko, S.A., Pshenichnaya, S.V., Yatsuk, L.P.	Power performance of an inclined slots system in a narrow wall of a rectangular waveguide (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137270, pp. 355-356.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968756492&doi=10.1109/2fICRMICO.2002.1137270&partnerID=40&md5=ed788bd366ecc78308c846f2f7c37aa4
	Butrym, A.Yu., Kazansky, O.V., Katrich, V.A. , Kolchigin, N.N.	Pulse radiation of tapered slot antenna array (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137245, pp. 303-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968773507&doi=10.1109/2fICRMICO.2002.1137245&partnerID=40&md5=ad4b0765812ed7960d11b7909affe56

	Katrich, V.A. , Kiyko, V.I., Nesterenko, M.V., Yatsuk, L.P.	Basis functions in the analysis of electrically long slots in rectangular waveguide with the induced magnetomotive forces method (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106899, pp. 328-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948993827&doi=10.1109%2FMMET.2002.1106899&partnerID=40&md5=4984ae28984b5f16464cd296850718006
	Atroshenko, L.M., Gorobets, N.N., Gorobets, Yu.N., Katrich, V.A.	Influence of circular-polarized waveguide radiator length on amplitude and polarization beam patterns (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137269, pp. 353-354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968752836&doi=10.1109%2FCRMICO.2002.1137269&partnerID=40&md5=f07110e14569f99d40108f6146b59f9
	Katrich, V.A. , Pogarsky, S.A., Saprykin, I.I., Pet'kov, G.M., Shaulov, E.A., Klochan, I.I.	Electrically long radiating systems based on hybrid structures (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137272, pp. 359-360.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968756331&doi=10.1109%2FCRMICO.2002.1137272&partnerID=40&md5=5c27d0fd57baea836628fb9526bd0
	Katrich, V.A. , Pogarsky, S.A., Saprykin, I.I., Shaulov, E.A.	The mechanism of isolated image guide eigenmode and elementary microstrip radiators interaction (2001) International Journal of Infrared and Millimeter Waves, 22 (5), pp. 773-778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10844227455&partnerID=40&md5=6fa7f584c9948b00c1d737d389b4b57
	Gorobets, N.N., Katrich, V.A. , Nesterenko, M.V.	Penetration of electromagnetic waves through dielectric layer with non-homogeneous parameters (2001) Proceedings of 6th International Seminar/Workshop on: Direct and Inverse problems of Electromagnetic and Acoustic Wave Theory, pp. 73-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035791711&partnerID=40&md5=11c49ed791381e82fbeca9ef135c376b
	Katrich, V.A. , Lyaschenko, V.A., Polyuanenko, N.A.	Radiation from electrically long slots (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173879, pp. 389-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956701980&partnerID=40&md5=b6ead47fb643b5afec04c51b3b5f4a4
	Atroshenko, L.M., Gorobets, N.N., Gorobets, Yu.N., Katrich, V.A.	Multibeam reflector antennas with displacement of exciters along focal axis (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173851, pp. 351-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956696743&partnerID=40&md5=8e4a07809181262917c38422e44ae9de
	Berdnik, S.L., Katrich, V.A. , Lyaschenko, V.A.	Double frequency slot antenna on a multi-mode waveguide (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173878, pp. 387-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956681907&partnerID=40&md5=f9e1d0479f423b0be764b82ed32956e7
	Gorobets, N.N., Dakhov, V.M., Katrich, V.A. , Bandura, N.A., Cherny, I.V.	Polarization selector based on a square waveguide (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947285, pp. 713-714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966665228&doi=10.1109%2FMSMW.2001.947285&partnerID=40&md5=d79758d71345ad50a20c25018f9a8630
	Bulgakov, A.A., Berdnik, S.L., Gorobets, N.N., Katrich, V.A. , Lyaschenko, V.A.	Interaction between the open ends of the wide-side multimode waveguide radiators with dielectric filling (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, art. no. 946771, pp. 172-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966658540&doi=10.1109%2FMSMW.2001.946771&partnerID=40&md5=5eecd0b22cf3293402fb17c03dd7191d
	Katrich, V.A. , Pogarsky, S.A., Saprykin, I.I., Shaulov, E.A.	The elementary radiators interaction mechanism within radiating system based on insulated image waveguide (2000) 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256125, pp. 326-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966292040&doi=10.1109%2FCRMICO.2000.1256125&partnerID=40&md5=95659710b02dc1e3be2a93318afcf198
	Dumin, A.N., Katrich, V.A. , Pivnenko, S.N., Tretyakov, O.A.	Comparative analysis of approximate and exact solutions of transient wave radiation problems (2000) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 1, art. no. 888521, pp. 125-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892265466&doi=10.1109%2FMMET.2000.888521&partnerID=40&md5=f9317a557623e41b54627dd5c8ada5d5
	Katrich, V.A. , Pogarsky, S.A., Saprykin, I.I., Chumachenko, V.A.	Wave interaction between eigenmode of hybrid structure and microstrip elements (2000) International Journal of Infrared and Millimeter Waves, 21 (3), pp. 429-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033736661&doi=10.1023%2FA3a1006659131389&partnerID=40&md5=4922d1adfe0d892445463461395e8888
	Katrich, V.A.	On calculation of radiation field from complex-shaped slot in rectangular waveguide (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (4-5), pp. 83-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844444486&partnerID=40&md5=db3c2af87697af472128620485b4b6ed
	Dumin, A.N., Katrich, V.A. , Pivnenko, S.N.	Radiation of short pulses from the open end of a coaxial waveguide (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (11-12), pp. 81-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751394772&partnerID=40&md5=25853549d052c1b0bfa442365c965f93
	Yatsuk, L.P., Katrich, V.A. , Zhironkina, A.V.	On the theory of elements and devices of microwave circuits (1996) Izvestiya VUZ: Radioelektronika, 39 (9), pp. 29-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030230152&partnerID=40&md5=74862692c6c0f46e5e796d41e384c8c4
	Yatsuk, L.P., Zhironkina, A.V., Katrich, V.A.	Resonance properties of narrow slots in the wide wall of an unbounded rectangular waveguide (1996) Radiotekhnika, (7), pp. 36-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030177783&partnerID=40&md5=f158c3af808a366fdd5ce0cdb0ce77b6
	Zhironkina, A.V., Yatsuk, P.P., Katrich, V.A.	Doubled slot as an element of electrodynamic objects connection (1993) Radiotekhnika, (1), pp. 56-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027353865&partnerID=40&md5=80af211f0cedda7b24040e501cbbb6cf
	Zhironkina, A.V., Yatsuk, L.P., Katrich, V.A.	Twin slot as a coupling element for electrodynamic cavities (1992) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 47 (12), pp. 95-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027028515&partnerID=40&md5=872ca1345f50e68f45974890a3dd9863
	Yatsuk, L.P., Zhironkina, A.V., Katrich, V.A. , Penkin, Yu.M.	SOLUTION OF THE PROBLEM OF THE EXCITATION OF A RECTANGULAR WAVEGUIDE BY A MAGNETIC CURRENT. (1987) Radioelectronics and Communications Systems (English translation of Izvestiya Vysshikh Uchebnykh Z, 30 (5), pp. 36-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023539415&partnerID=40&md5=e86e71e32cea53228cb92f018f71d0cb
	Yatsuk, L.P., Katrich, V.A.	Slots in waveguide with dielectric layer (1984) Radiophysics and Quantum Electronics, 27 (8), pp. 731-735.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021472226&doi=10.1007%2FBF01040479&partnerID=40&md5=1c925d5651a164688aaaf861a1d75e0f
	Yatsuk, L.P., Katrich, V.A.	Slot Coupling Components with Partial Dielectric Fillings. [SHCHELEVYE ELEMENTY SVYAZI S CHASTICHNYM DIELEKTRICHESKIM ZAPOLNENIEM.] (1979) Izv Vyssh Uchebn Zaved Radioelektron, 22 (2), pp. 60-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018432568&partnerID=40&md5=bc3d1c27eaf593440d6e77fced1bceca
	Yatsuk, L.P., Zhironkina, A.V., Katrich, V.A.	Calculation of the Parameters of a Cross-Shaped Slit in a Rectangular Waveguide Taking into Consideration the Intercoupling of the Branches. (1974) Izvestiya Vysshikh Uchebnykh Zavedeniy. Radioelektronika, 17 (8), pp. 100-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016094383&partnerID=40&md5=7b381df4b8936ee2fb430a81ebbcd9fd
	Yatsuk, L.P., Zhironkina, A.V., Katrich, V.A.	Internal Inductances of the Legs of a Cross-Shaped Slot in a Rectangular Waveguide. (1974) Izvestiya Vysshikh Uchebnykh Zavedeniy. Radioelektronika, 27 (7), pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016083783&partnerID=40&md5=4a3ff5f71187b5dea9854d898bb7b8d2
4	Bulgakova, A.A., Gorobets, N.N.	Directivity of small antenna arrays (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724196, pp. 228-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000480286&doi=10.1109%2FUWBUSIS.2016.7724196&partnerID=40&md5=049b7a0082b6ea0f2074cdd3a6752348
	Gorobets, N.N. , Ovsyannikova, Y.Y.	Influence of the form of radiating aperture on wave processes in the near field omnidirectional aperture antennas (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724197, pp. 231-233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000839249&doi=10.1109%2FUWBUSIS.2016.7724197&partnerID=40&md5=36e22039b7c4f60feeb1a65ba3c6f326
	Gorobets, N.N. , Lebedev, A.S.	Electromagnetic waves near the antenna arrays small electric size (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724195, pp. 225-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000786949&doi=10.1109%2FUWBUSIS.2016.7724195&partnerID=40&md5=ae486f06d03600f4aa2f0263ad241b09

	Gorobets, N.N., Lebedev, A.S.	Electromagnetic waves in the searchlight beam of antenna arrays large electrical size (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538057, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987962108&doi=10.1109%2FMSMW.2016.7538057&partnerID=40&md5=9ed3c007786adea36b159baa76cabec8
	Gorobets, N.N., Ovsyannikova, Y.Y.	Wave processes in the near-field zone of large aperture antenna (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538065, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987934454&doi=10.1109%2FMSMW.2016.7538065&partnerID=40&md5=6495ad0dd1ba851b3d58c26b785201
	Gorobets, N.N., Kiyko, V.I., Gorobets, V.N.	Directivity characteristics research of scanning and multibeam reflector antennas by the current method of physical diffraction theory (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538064, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988025934&doi=10.1109%2FMSMW.2016.7538064&partnerID=40&md5=e97e74537b65402c89c37e5fe23680ec
	Bulgakova, A.A., Gorobets, N.N., Katrich, V.A., Lyaschenko, V.A.	Directivity of large antenna arrays (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538070, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987933853&doi=10.1109%2FMSMW.2016.7538070&partnerID=40&md5=d694ef60bd1148005f1e7b55007eadda
	Kokodii, N.G., Kaydash, M.V., Timaniuk, V.A., Gorobets, N.N., Kiyko, V.I.	Absorption of microwave radiation in a thin conducting fibers and protective screens creation (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7537990, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987933139&doi=10.1109%2FMSMW.2016.7537990&partnerID=40&md5=64b0d67bfc10ec7fbc86c6a9957606
	Yeliseyeva, N.P., Gorobets, N.N., Gorobets, A.N.	Characteristics of near field of the horizontal vibrator located above a square screen (2016) Journal of Communications Technology and Electronics, 61 (7), pp. 749-766.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979217652&doi=10.1134%2FIS1064226916070044&partnerID=40&md5=befa54806f476a3c7d3f7d29810b7998
	Gorobets, N.N., Ovsyannikova, E.E.	Wave processes in the near-field zone of weakly directive aperture radiators of electromagnetic waves (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (8), pp. 705-718.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983400026&partnerID=40&md5=0987645f133eddc7ed4ab44001e01e35
	Gorobets, N.N., Ovsyannikova, E.E.	Electromagnetic fields and waves near aperture antennas of large electrical sizes (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (12), pp. 1041-1050.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995444932&partnerID=40&md5=c98e1512673e7c10850a99996a11665d
	Gorobets, N.N., Yeliseyeva, N.P.	Electrodynamic characteristics of a four-vibrator radiator with a square screen (2015) Journal of Communications Technology and Electronics, 60 (5), pp. 454-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929165625&doi=10.1134%2FIS1064226915040075&partnerID=40&md5=fb280cc4dad123047dd43e4b60ccbb8
	Yeliseyeva, N.P., Gorobets, N.N., Gorobets, A.N.	Calculation of near field of dipole placed above rectangular screen (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136794, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939440375&doi=10.1109%2FICATT.2015.7136794&partnerID=40&md5=7322bdccae9217cad2e10226d9860643
	Pivovar, E.A., Gorobets, N.N.	Multialternative detection and recognition of subsurface objects as per the preliminary diagnostics of soil (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959819, pp. 1181-1182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915747991&doi=10.1109%2FICRMICO.2014.6959819&partnerID=40&md5=29d8ca7fa9bec75783c7c5e1ac83dbd8
	Gorobets, N.N., Yelizarenko, A.A.	Multiband pyramidal horn antennas with identical main lobe widths of the directional patterns (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (9), pp. 757-766.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901750829&doi=10.1615%2FTelecomRadEng.v73.i9.10&partnerID=40&md5=7d5d6412d6083d5721e5c5c403b932c2
	Yeliseyeva, N.P., Gorobets, N.N.	Synthesis of circularly polarized field radiated by four electric dipoles located over square screen (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928694, pp. 191-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910066551&doi=10.1109%2FMMET.2014.6928694&partnerID=40&md5=aeaf803f06f118a24921261f1dfdb3d7
	Atroshenko, L.M., Gorobets, N.N., Gorobets, A.N., Koshelev, A.V., Lebedev, A.S., Malukov, V.M., Mel, I.A.	State and prospects of the system of testing areas for ground support of external calibration for space systems of Earth's remote sensing (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959801, pp. 1145-1146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915746797&doi=10.1109%2FICRMICO.2014.6959801&partnerID=40&md5=cf369388749052676ff93a98e468bb
	Gorobets, N.N., Ovsyannikova, O.Ye.	On the support of quasi-homogeneous field distribution near aperture antennas (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652983, pp. 622-623.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891048794&partnerID=40&md5=c49849816599af8b13a89684c2c63160
	Blinova, N.K., Gorobets, N.N., Selutin, A.V.	Longitudinal-transverse waveguide polarization selectors (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653026, pp. 712-713.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891065761&partnerID=40&md5=4c2a4ab775c462f3bdf59f630e1a345
	Atroshenko, L.M., Gorobets, N.N., Gorobets, A.N., Kostrikov, A.L., Krasnogorskiy, M.G., Lebedev, A.S., Malukov, V.M., Mehl, I.A.	Use of facilities of commercial purposes for external calibration of space-based SAR (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652702, pp. 1150-1151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891083017&partnerID=40&md5=f090c044db8a5cc82f2cd199918827dd
	Stasiuk, N.N., Gorobets, N.N.	Electromagnetic field focusing inside dielectric biaxial ellipsoid illuminated by plane linear polarized wave (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622020, pp. 202-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8488599669&doi=10.1109%2FMSMW.2013.6622020&partnerID=40&md5=dc8141dfb754b9324501d31ce32dc3f
	Gorobets, N.N., Kiyko, V.I., Gorobets, V.N.	Analysis of cross-polarized radiation of optimized reflector antennas (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622087, pp. 458-460.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8488604383&doi=10.1109%2FMSMW.2013.6622087&partnerID=40&md5=62e0f330b733f8870c55ed6863d2b648
	Gorobets, N.N., Eliseeva, N.P.	The radiation characteristics of two parallel electric dipoles with a finite screen (2013) Journal of Communications Technology and Electronics, 58 (8), pp. 753-761.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882690550&doi=10.1134%2FIS1064226913060065&partnerID=40&md5=8b417c9b9a18e730b00134344ae04dfa
	Gorobets, N.N.	Works department of applied electrodynamics V. N. Karazin Kharkov National University in the field theory of near area antennas (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650849, pp. 572-579.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898622256&doi=10.1109%2FICATT.2013.6650849&partnerID=40&md5=b5a24632ace7f16d8690425bbf95a12
	Gorobets, N.N., Yeliseyeva, N.P.	Wave processes in near zone of Hertz dipole with plane screen (2013) 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650850, pp. 580-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8489863120&doi=10.1109%2FICATT.2013.6650850&partnerID=40&md5=6984a2a45cbe7a10c033bb037fb4182
	Gorobets, N.N., Bulgakova, A.A.	The influence of the screen on the characteristics of omnidirectional radiators and rarefied arrays (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650750, pp. 277-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898616624&doi=10.1109%2FICATT.2013.6650750&partnerID=40&md5=c9dc26f5ebf503d0e81a480838b6a3
	Gorobets, N.N., Kiyko, V.I., Gorobets, V.N.	Dependence of the lateral and cross-polarized radiation reflector antennas on their size and focal length (2013) 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650803, pp. 434-437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898645147&doi=10.1109%2FICATT.2013.6650803&partnerID=40&md5=46d024e8ae397b7217f4425b9f5a5777
	Yeliseyeva, N., Gorobets, N.	Optimization of radiation characteristics of wire antenna with finite size plane, V - and II - figuration corner reflectors (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331151, pp. 561-565.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870824811&doi=10.1109%2FMMET.2012.6331151&partnerID=40&md5=6b5eebb6c37b66526e58101571be37c6
	Gorobets, N.N., Bulgakova, A.A.	Direction and range characteristics of rarefied antenna arrays with screens (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379776, pp. 192-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872224473&doi=10.1109%2FUWBUSIS.2012.6379776&partnerID=40&md5=7c491f143432de04177b321a41a34c14

Yeliseyeva, N.P., Gorobets, N.N.	Resonant length of electric dipole located inside dihedral corner reflector (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379769, pp. 170-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872244711&doi=10.1109%2FUWBUSIS.2012.6379769&partnerID=40&md5=8de896ca36b0e13f2532b273e3093880
Atroshenko, L.M., Gorobets, N.N. , Gorobets, A.N., Kostrikov, A.L., Krasnogorskiy, M.G., Lebedev, A.S., Malyukov, V.M., Ratushnaya, E.S.	Ground-calibration complex for space-based SAR (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6335862, pp. 1005-1006.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869754864&partnerID=40&md5=8457ade3ff02e89921a8c975aeea0fb4
Gorobets, N.N. , Yeliseyeva, N.P., Antonenko, Ye.A.	Optimisation of radiation characteristics of wire-screened antennas (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 71 (1), pp. 59-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860636856&doi=10.1615%2FtelecomRadEng.v71.i1.60&partnerID=40&md5=682be6648d7b00c1d8e8a3d53fa3e41
Gorbach, I.V., Gorobets, N.N.	Resonant frequency thermostabilisation of microstrip radiators (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (16), pp. 1429-1438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83655182796&doi=10.1615%2FtelecomRadEng.v70.i16.20&partnerID=40&md5=da59405cbe3214b9ab257bb593c90962
Gorobets, N.N. , Yeliseyeva, N.P.	Optimized vibrator radiator with flat finite size screen (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170742, pp. 205-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859965959&doi=10.1109%2FICATT.2011.6170742&partnerID=40&md5=fc75dea11a3049ed3b55578a73aa38a
Yeliseyeva, N.P., Gorobets, N.N.	Influence of edge effects on radiation of resonant vibrator with square screen (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069061, pp. 575-576.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143451&partnerID=40&md5=89a8b2cf54a265c949d4df5e7de39760
Sorokin, A.A., Sorokin, A.F., Zakharova, M.Ya., Sokolova, O.V., Gorobets, N.N.	Accumulation of gas in galactic objects (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (15), pp. 1407-1414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053643717&doi=10.1615%2FtelecomRadEng.v70.i15.110&partnerID=40&md5=9ea5ce84a7618d49371f1fa71e53bdf
Gorobets, N.N. , Trivaylo, A.V.	Experimental research of extraneous electromagnetic emissions by computing units in the frequency domain (2011) Radioelectronics and Communications Systems, 54 (10), pp. 574-579.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81255143820&doi=10.3103%2F0735272711100074&partnerID=40&md5=58503dc3ba260a37fa54314fb5372c
He, S., Shulga, S.N., Kokodiy, N.G., Gorobets, N.N. , Kiiko, V.I., Butrym, A.Yu., Zheng, Yu.	Interaction of electromagnetic waves in a waveguide with very thin wires (2011) Journal of Communications Technology and Electronics, 56 (10), pp. 1193-1196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83155167658&doi=10.1134%2F1064226911100123&partnerID=40&md5=4aeefe9a825b62fa5db6702f2f074e5
Sorokin, A.F., Sorokin, A.A., Gorobets, N.N. , Sokolova, O.V.	Radar complex for extra-atmospheric investigations (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (2), pp. 115-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961044894&doi=10.1615%2FtelecomRadEng.v70.i2.20&partnerID=40&md5=28b603517be58e376733b606f72c0a5
Gorobets, N.N. , Bulgakova, A.A.	Directivity of the sparse antenna arrays with a binomial amplitude distribution (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (8), pp. 663-672.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960361417&doi=10.1615%2FtelecomRadEng.v70.i8.20&partnerID=40&md5=734b27e59a4f9e9a0b3306648642c4aa
Gorobets, N.N. , Bulgakova, A.A.	Optimal length of rarefied antenna arrays with maximum gain (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632714, pp. 552-553.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650386373&partnerID=40&md5=2b5667abaad9257b265c9add9f0e3d3
Atroshenko, L.M., Gorobets, N.N. , Kazachenko, L.M., Onischenko, A.A., Rokhmanov, N.Ya., Safronova, L.P.	Radiophysics features of agrarian reference sites at base subsatel- Lite landfill "skripai" (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632855, pp. 1210-1211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650385810&partnerID=40&md5=c9648233650c8ae094cd5407c0c389d7
Gorobets, N.N. , Bulgakova, A.A.	Influence of the screen on the range properties of rarefied arrays of near-omnidirectional radiators (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609134, pp. 223-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650158770&doi=10.1109%2FUWBUSIS.2010.5609134&partnerID=40&md5=142ea426ba85ff0925a80e48e9ccfd2
Stasjuk, N.N., Gorobets, N.N.	The influence of illuminating wave polarization state on the electromagnetic field distribution inside the dielectric cylinder (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609104, pp. 96-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650103361&doi=10.1109%2FUWBUSIS.2010.5609104&partnerID=40&md5=f0ac765f8984290ca5b6d3cd843c7564
Gorobets, N.N. , Statsyuk, N.N.	Electromagnetic wave focusing in a dielectric cylinder (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (9), pp. 751-762.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958614730&doi=10.1615%2FtelecomRadEng.v69.i9.10&partnerID=40&md5=175d10d449bb16266a9201d142e97f28
Gorobets, N.N. , Tryvajlo, A.V.	Fields of a rectangular loop antenna in the near zone (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (11), pp. 947-957.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958595099&doi=10.1615%2FtelecomRadEng.v69.i11.20&partnerID=40&md5=7ec3641174a9fa0e28ff590551fb53
Gorobets, N.N. , Bulgakova, A.A.	Pattern characteristics of dispersed antenna arrays (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (11), pp. 959-966.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958527571&doi=10.1615%2FtelecomRadEng.v69.i11.30&partnerID=40&md5=6be0cd672c1f92771ca25f5d762e89a
Ovsyannikova, O.E., Shishkova, A.V., Gorobets, N.N.	Distribution of reactive power density in the near-field region of aperture antennas with different illumination laws (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546115, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957355666&doi=10.1109%2FMSMW.2010.5546115&partnerID=40&md5=69cf354c934d64ae5a23beef3a988ef5
Shi, H., Shulga, S.N., Kokodiy, N.G., Gorobets, N.N. , Kiiko, V.I., Butrym, A.Yu., Kharkov, V.N.K.	Interaction of electromagnetic waves in a waveguide with very thin wires (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546021, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957376212&doi=10.1109%2FMSMW.2010.5546021&partnerID=40&md5=3e8a1715f076bf493fab88175a10289b
Chemy, I.V., Chemyavsky, G.M., Gorobets, N.N.	Advanced antenna of microwave imager/sounder for spacecraft "Meteor-M" (2010) EuCAP 2010 - The 4th European Conference on Antennas and Propagation, art. no. 5505351, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955340698&partnerID=40&md5=592ca0f610d83c6183556b0ec1ae5a1
Atroshenko, L.M., Gaykovich, K.P., Gorobets, N.N. , Gorobetz, V.N.	Radio physical and structural parameters of forests as an object of remote sensing (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (16), pp. 1461-1470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72149095452&doi=10.1615%2FtelecomRadEng.v68.i16.50&partnerID=40&md5=0975cc7120b1a8a1ab9aabc758d87c5c
Gorobets, N.N. , Trivaylo, A.V.	Influence of conductor curvature upon its directional characteristics in the far- and near-field zones (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293030, pp. 466-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949087584&partnerID=40&md5=35db7db3b280340e0b6acead49a14df1
Gorobets, N.N. , Dakhov, V.M., Gorbach, I.V.	Directivity and polarization characteristics of an open end of the round waveguide with the impedance flange (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1811-1819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849094671&doi=10.1615%2FtelecomRadEng.v68.i20.30&partnerID=40&md5=5e78510bb89887c85c6da9205b7c3038
Gorobets, N.N. , Ovsyannikova, E.V., Shishkova, A.V.	Field amplitude distribution impacting the extension of near-field reactive region in aperture radiators (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293029, pp. 464-465.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949135055&partnerID=40&md5=2a1297408ee50abb81b7ac74a97c0461
Berdnik, S.L., Gorobets, N.N. , Katrich, V.A., Lyashchenko, V.A.	Matching of large-size waveguide radiator with a dielectric (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1795-1809.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849105583&doi=10.1615%2FtelecomRadEng.v68.i20.20&partnerID=40&md5=c4adbf5786610fedfaebefac6804ec
Sorokin, A.A., Sorokin, A.F., Sokolova, O.V., Zaluzhny, R.N., Gorobets, N.N.	Method for transformation of antenna patterns using zone plates (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (12), pp. 1039-1043.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350686796&doi=10.1615%2FtelecomRadEng.v68.i12.20&partnerID=40&md5=ecaa2f93fd4dc508b92210d7049f934b

	Gorobets, N.N., Dakhov, V.M.	Total and differential patterns in the whole space of observation for corner antenna arrays (2009) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 68 (12), pp. 1045-1057.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350300628&doi=10.1615%2FTelecomRadEng.v68.i12.30&partnerID=40&md5=f2b45ea7c011768fe563af2bbd910549
	Gorobets, N.N., Dakhov, V.M.	Difference radiation patterns of the center-fed corner arrays (2009) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 68 (2), pp. 121-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65349096328&doi=10.1615%2FTelecomRadEng.v68.i2.30&partnerID=40&md5=272d132822be1a0014a15871d0030ae8
	Gorobets, N.N., Atroshenko, L.M., Kostyashkin, S.I., Safronova, L.P.	Network of complete ground support of space-borne synthetic aperture radars (2009) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 68 (4), pp. 361-369.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65349102409&doi=10.1615%2FTelecomRadEng.v68.i4.70&partnerID=40&md5=c530b451d200f12000dc9e782fde206c
	Gorobets, N.N., Bulgakova, A.A.	Band properties of the highly rarefied arrays (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669359, pp. 66-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649183464&doi=10.13103%2FUWBUS.2008.4669359&partnerID=40&md5=fbea97c81ffa489703689d6d0054d2a
	Yeliseyeva, N.P., Gorobets, N.N.	Radiation of an electric dipole located inside the II-shaped reflector with finite dimensions (2008) Radioelectronics and Communications Systems, 51 (12), pp. 631-641.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58449121972&doi=10.3103%2FIS0735272708120017&partnerID=40&md5=910ecee2ec63d718adf74018c46e6d18
	Atroshenko, L.M., Gorobets, N.N., Kostyashkin, S.I., Kostyashkina, T.D., Safronova, L.P.	Providing basic data for the wood segment of geoua - information service system "leskosmos" (forest-UA) (2008) KpbiMuKo 2008 CrMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676655, pp. 907-908.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049148698&doi=10.1109%2FCRMICO.2008.4676655&partnerID=40&md5=f568598412964a4264f2d8caadce5fa
	Atroshenko, L.M., Bogomolov, V.V., Bushuev, E.I., Voloshin, V.I., Gorobets, N.N., Kostyashkin, S.I.	SYSTEM OF INFORMATION SERVICE "LESKOSMOS" (FOREST - UA) AS A SEGMENT OF NATIONAL PROGRAM GEOUA (2008) KpbiMuKo 2008 CrMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676656, pp. 909-910.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049154632&doi=10.1109%2FCRMICO.2008.4676656&partnerID=40&md5=ba9ff82de275444928fe668c5cb92d9f
	Kokodiy, N.G., Gorobets, N.N., Kiyko, V.I., Kozlov, I.I., Kuzmichov, V.M., Balkashin, V.P., Safronov, B.V., Priz, I.A.	Scattering and absorbing of electromagnetic radiation by very thin metal wires (2008) KpbiMuKo 2008 CrMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676452, pp. 447-448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049156099&doi=10.1109%2FCRMICO.2008.4676452&partnerID=40&md5=d639c36a6d2ac73c84f451f6989f35
	Gorobets, N.N., Yeliseyeva, N.P.	Synthesis of a circular polarized field radiated by an electric dipole located over a rectangular screen (2008) Journal of Communications Technology and Electronics, 53 (1), pp. 26-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43249083026&doi=10.1007%2Fs11487-008-1003-9&partnerID=40&md5=c8c387025455107d49250293d940719
	Gorobets, N.N., Bulgakova, A.A.	Directional characteristics of rarefied antennas array with screen (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425246, pp. 464-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849132671&doi=10.1109%2FICATT.2007.4425246&partnerID=40&md5=f18812cbcb59bae2266c386edcd01d0e
	Gorobets, N.N., Udovenko, A.P.	Approximate solutions of a dispersion equation for a cylindrical waveguide with impedance boundaries (2007) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 66 (15), pp. 1355-1364.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149070811&doi=10.1615%2FTelecomRadEng.v66.i15.20&partnerID=40&md5=a6d889df09d1ae7a557a3b79e405aebb
	Gorobets, N.N., Udovenko, A.P.	Radiation characteristics of an open-ended transmission line with impedance boundaries (2007) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 66 (13), pp. 1141-1149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149019129&doi=10.1615%2FTelecomRadEng.v66.i13.10&partnerID=40&md5=1d76ba9b01c382f99e0085de135ea7b
	Yeliseyeva, N.P., Gorobets, N.N.	Influence of diffraction effects on radiation of the electric dipoles located inside II-figuration corner reflector (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425217, pp. 376-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849100008&doi=10.1109%2FICATT.2007.4425217&partnerID=40&md5=0027aad1d53135eda0beaed1f172266
	Gorobets, N.N., Kijko, V.I.	Influence of shadowing aperture by the focal module on directional characteristics of reflector antennas (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294775, pp. 678-680.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249165676&doi=10.1109%2FMSMW.2007.4294775&partnerID=40&md5=ff6ff4ed12828addcfbfb2b9a27af7da
	Baryshev, I.V., Gorobets, N.N., Matyukhin, N.I.	A prospective airborne RF holographic long-range information system based on the use of a middle-sized spherical antenna (2007) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 66 (9), pp. 849-854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149107391&doi=10.1615%2FTelecomRadEng.v66.i9.60&partnerID=40&md5=babf8f9e86241f563645ca193e256f13
	Atroshenko, L.M., Gorobets, V.N., Gorobets, N.N., Safronova, L.P.	Dielcometer method for free water quantity evaluation (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368955, pp. 809-810.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149100697&doi=10.1109%2FCRMICO.2007.4368955&partnerID=40&md5=7643eaf44b523fcd97447e8554ef212
	Shishkova, A.V., Gorobets, N.N., Ovsyannikova, E.E.	Near-field radiation from sectoral horns (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425135, pp. 134-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849129007&doi=10.1109%2FICATT.2007.4425135&partnerID=40&md5=abb0b1fb4ea97d22e97a529691f1066e
	Gorobets, N.N., Ovsyannikova, E.E., Shishkova, A.V.	Near-field plane distribution of rectangular waveguide excited by dominant and higher-order modes (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294778, pp. 687-689.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849102636&doi=10.1109%2FMSMW.2007.4294778&partnerID=40&md5=a559bc2db11400f9ab2f683518e9796
	Gorobets, N.N., Matyukhin, N.I., Baryshev, I.V.	A short-range RF holographic information system built around a spherical antenna of middle-sized aperture (2007) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 66 (19), pp. 1725-1733.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149065158&doi=10.1615%2FTelecomRadEng.v66.i19.20&partnerID=40&md5=50b94dee7df4ec055334024e88d75b73
	Atroshenko, L.M., Gorobets, N.N., Safronova, L.P.	Simplified method of quantitative estimation of free water in biological liquids (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368954, pp. 807-808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149116999&doi=10.1109%2FCRMICO.2007.4368954&partnerID=40&md5=851a45a113cd0aeca432f0fa55adaeaa
	Gorobets, N.N., Cherny, I.V., Chernyavsky, G.M., Barsukov, I.A.	Microwave imager/sounder MTVZA-GY of spacecraft "Meteor-M" (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294809, pp. 772-774.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249090947&doi=10.1109%2FMSMW.2007.4294809&partnerID=40&md5=afc46daba8a5d0f2e5e7293810a22592
	Shishkova, A.V., Pivnenko, S.N., Kim, O.S., Gorobets, N.N.	Phase radiation characteristics of an open-ended circular waveguide (2007) IET Microwaves, Antennas and Propagation, 1 (3), pp. 790-797.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249871905&doi=10.1049%2Fiet-map%3a20050144&partnerID=40&md5=2d06dbcf730ae92cf2687ea8d70f49a
	Yeliseyeva, N., Gorobets, N.	Electromagnetic characteristics of the vertical dipole located above a metal infinite plane with a ledge (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689739, pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547365924&partnerID=40&md5=a5e240a3271b4f0688b92320ef13dc3d
	Gorobets, N.N., Shishkova, A.V.	Near-field distribution of linear and aperture antennas (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099213, pp. 38-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249097047&doi=10.1109%2FUWBUS.2006.307155&partnerID=40&md5=d9509d123d333aa3da012702f6f52ae6
	Gorobets, N.N., Zaytseva, Ye.G.	Directional couplers based on the non-directional coupling elements situated by principle of the least regulated series (2006) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 65 (9), pp. 779-788.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249669801&doi=10.1615%2FTelecomRadEng.v65.i9.10&partnerID=40&md5=a0fcd6372cde2f13c89745010804c23e
	Atroshenko, L.M., Gaikovich, K.P., Gorobets, N.N.	Soil absorption profiling and complex dielectric permittivity based on microwave radiometry (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689793, pp. 366-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547312005&partnerID=40&md5=522466bf4e74a941be01f20a1bdd96d4

	Gorobets, N.N., Dumin, A.N., Dumina, O.A.	Transient fields radiated from the open end of a coaxial waveguide with an offset internal conductor (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (17), pp. 1563-1570.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347327272&doi=10.1615%2FTelecomRadEng.v65.i17.30&partnerID=40&md5=607a995e7c4198bedee9da78a9cf404e8
	Atroshenko, L.M., Gorobets, N.N., Safronova, L.P.	A method for determining permittivity, volume characteristics and hydration of aqueous solution components (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (15), pp. 1431-1437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249987668&doi=10.1615%2FTelecomRadEng.v65.i15.70&partnerID=40&md5=3740ca8b11532147599e30494cb7b8b2
	Gorobets, N.N., Katrich, V.A., Lyaschenko, V.A., Bulgakova, A.A.	Formation of directional patterns of planar antenna arrays (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (17), pp. 1547-1554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347365322&doi=10.1615%2FTelecomRadEng.v65.i17.10&partnerID=40&md5=a221dac1630f4348d2243ae8d91580
	Atroshenko, L.M., Gorobets, N.N., Safronova, L.P.	Application of Synthetic-Aperture Radar (SAR) data in tackling the problems of land inventory, diagnosis of crops condition, gully processes and hydrology (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (18), pp. 1729-1737.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347324182&doi=10.1615%2FTelecomRadEng.v65.i18.70&partnerID=40&md5=8aff5d209e04551d71a4bf21028ed77
	Atroshenko, L.M., Gorobets, N.N., Safronova, L.P.	Complex permittivity of disperse heterogeneous systems and their components (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (10), pp. 873-884.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249661729&doi=10.1615%2FTelecomRadEng.v65.i10.10&partnerID=40&md5=b8a58a3f224f35185665f73edde4b384
	Gorobets, N.N., Yeliseyeva, N.P.	Polarization effects caused by diffraction of the radiated of an arbitrarily oriented electric dipole at the edge of a perfectly conducting half plane (2006) Journal of Communications Technology and Electronics, 51 (2), pp. 147-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644590538&doi=10.1134%2FIS1064226906020033&partnerID=40&md5=2bd1afc3e72acd6b4b34b302bf88866
	Shishkova, A.V., Gorobets, N.N.	Radiation from an open-ended multimode circular waveguide (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496962, pp. 304-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745461867&doi=10.1109%2FICATT.2005.1496962&partnerID=40&md5=d7a2453bafad5544897b7c01eae61975
	Gorobets, N.N., Pivnenko, S.N., Shishkova, A.V.	Polarization characteristics of circular waveguide in near- And far-zones (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CrMiCo2005 - Conference Proceedings, 1, art. no. 1564968, pp. 416-417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846299646&doi=10.1109%2FCRMICO.2005.1564968&partnerID=40&md5=cc4d74147352fac32468b358d97f694f
	Gorobets, N.N., Kijko, V.I., Gorobets, Ju.N., Movchan, O.S.	Analysis of directional characteristics of offset reflector antennas (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496917, pp. 176-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745435950&doi=10.1109%2FICATT.2005.1496917&partnerID=40&md5=c43557da6dd318ad0d503cad39a7930d
	Gorobets, N.N., Shishkova, A.V.	Analysis of near-field radiation from an open-ended rectangular waveguide (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 223-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644376826&partnerID=40&md5=64471b534a39ba5e4ee1cc98f91b796b
	Gorobets, N.N., Dakhov, V.M.	Directive gain of corner antenna arrays (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CrMiCo'04, pp. 327-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644383598&partnerID=40&md5=176c22aeb011ce9e366068a3a731ebf8
	Gorobets, N.N., Dakhov, V.M.	Characteristics of angle antenna arrays with difference patterns (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 623-625.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544298329&partnerID=40&md5=4962383afad2691a9116b07f1f29959
	Danik, G., Gorobets, N.N., Tolstaya, A.A., Timonyk, V.A.	Fractal dimension of semi-conducting fractal sensors (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CrMiCo'04, pp. 570-571.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644390100&partnerID=40&md5=2185e5ce9fca8978df1e9ae3a8c3e193
	Danik, Yu.G., Gorobets, N.N., Tolstaya, A.A.	Regarding the issue of the physical model and fractal dimension of semi-conducting nano-dispersion gas-sensitive elements (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 946-948.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544274145&partnerID=40&md5=67c99e1eef40a69281ea3664e79f7ba b
	Atroshenko, L.M., Gorobets, N.N., Safronova, L.P.	Ground support for aerospace remote sensing of the earth surface (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CrMiCo'04, pp. 785-786.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644386539&partnerID=40&md5=80b9f2bcde48ed0da6687f56a4482193
	Gorobets, N.N., Cherny, I.V., Chemyavsky, G.M., Malkov, S.A.	Microwave radiometer MTVZA-OK of spacecraft "Sich-1M" (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 205-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344251583&partnerID=40&md5=5277832e3cceb4d224656ec74f9185e
	Shckorbatov, Y.G., Trofimov, S.V., Shakhbazov, V.G., Grabina, V.A., Gorobets, N.N.	The influence of microwaves with different state of polarization on the state of chromatin and viability of drosophila (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 246-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644389345&partnerID=40&md5=9acf06d9021039a47e2f9c6fe5339803
	Gorobets, N.N., Ovsyannikov, V.V.	Calculation method of linear antennas with impedance elements (2004) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 47 (7), pp. 60-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644307780&partnerID=40&md5=3fb5fd0a6bf27f3c5715d409071939f3
	Gorobets, N.N., Katrich, V.A., Lyakhovskij, A.A., Shepilko, E.V.	The effect of magnetic dipole position with respect to the outward edge of an open cylindric volume on far-zone field (2004) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 47 (8), pp. 44-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644288617&partnerID=40&md5=487252731645cadc71f7661999aeb915
	Gorobets, N.N., Chebotaryov, V.I., Chekalin, G.M.	Synthesis of the specified state of electromagnetic wave polarization in the arbitrary elliptically polarized basis (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (5-6), pp. 71-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949987775&doi=10.1615%2FTelecomRadEng.v60.i56.80&partnerID=40&md5=37ee1fa86d0869d71894d859e35b8a4e
	Gorobets, N.N., Ovsyanikov, V.V.	Computational method for linear antennas with impedance elements (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238773, pp. 468-471.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946143626&doi=10.1109%2FICATT.2003.1238773&partnerID=40&md5=79a635767ae991fed36d416310b4ee63
	Dakhov, V.M., Gorobets, N.N.	Side-lobe decrease in the corner waveguide-slot antennas array (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CrMiCo 2003 - Conference Proceedings true, art. no. 1256562, pp. 410-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945156518&doi=10.1109%2FCRMICO.2003.158877&partnerID=40&md5=6c7663f146b0593c8c09adf102ca4baa
	Gorobets, N.N., Yeliseyeva, N.P.	Total analysis of radiation characteristics of electric dipole with rectangular screen (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238771, pp. 459-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849121594&doi=10.1109%2FICATT.2003.1238771&partnerID=40&md5=a4d96e66d6d606bb5143e1fbaa909fe
	Shishkova, A.V., Pivnenko, S.N., Gorobets, N.N.	Polarization characteristics of an open-ended circular waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238772, pp. 465-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953131734&doi=10.1109%2FICATT.2003.1238772&partnerID=40&md5=f61035cb8acc28317420d7aa165bd12f
	Gorobets, N.N., Tsekhmistro, R.I.	Characteristics of the near-field zone of short wire antennas (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (6-7), pp. 58-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751303799&partnerID=40&md5=72b68c972c5cd02f7b7c0850e2c307c
	Shakhbazov, V.G., Grigor'eva, N.N., Chepel, L.M., Sirenko, S.P., Cheshko, T.M., Kiyko, V.I., Gorobets, N.N.	Effect of electromagnetic radiation and temperature on wheat seed viability (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (2-3), pp. 161-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751266122&partnerID=40&md5=3690ffdb351a6ef3846dfa4921e0a996
	Grigorieva, N.N., Sirenko, S.P., Shakhbazov, V.G., Fisun, A.I., Belous, O.I., Gorobets, N.N., Kiyko, V.I., Grabina, V.A.	Effect of linearly and circularly polarized electromagnetic waves on intracellular electrophoresis of human cell nuclei (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (12), pp. 71-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28244437224&partnerID=40&md5=7475b9e86f9d6af3f70aa3bf651db042

	Shckorbatov, Y.G., Shakhbazov, V.G., Navrotskaya, V.V., Grabina, V.A., Sirenko, S.P., Fisun, A.I., Gorobets, N.N. , Kiyko, V.I.	Application of intracellular microelectrophoresis to analysis of the influence of the low-level microwave radiation on electrokinetic properties of nuclei in human epithelial cells (2002) Electrophoresis, 23 (13), pp. 2074-2079.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036023091&doi=10.1002%2f1522-2683%28200207%2923%3a13%3c2074%3a3aAID-ELPS2074%3e3.0.CO%3b2-A&partnerID=40&md5=21f0932370cc8574657a3d981f93c355
	Gorobets, N.N. , Shishkova, A.V.	The characteristics of electromagnetic radiation from the open end of a circular waveguide in the near and Fresnel zones (2002) Journal of Communications Technology and Electronics, 47 (5), pp. 520-523.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-9144270602&partnerID=40&md5=f7dd2392bf84e0b16170931542bf66d
	Penkin, Yu.M., Gorobets, N.N.	Radiation fields of a thin asymmetric radial vibrator placed on impedance sphere (2002) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 45 (5), pp. 56-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036410679&partnerID=40&md5=74934e38c8302640af80c941184c4e7
	Gorobets, N.N. , Shishkova, A.V.	The characteristics of electromagnetic radiation from the open end of a circular waveguide in the near and Fresnel zones (2002) Radiotekhnika i Elektronika, 47 (5), pp. 579-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036409866&partnerID=40&md5=ee20d9d4df5c947b48d91a985e251b94
	Yeliseyeva, N.P., Gorobets, N.N.	Radiation resistance of an electric dipole having different orientations when changing the position of a plane screen (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106894, pp. 313-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948979282&doi=10.1109%2fMMET.2002.1106894&partnerID=40&md5=a0f55ac8f76dc76cd09c1afc009acc4f
	Gorobets, N.N. , Nosenko, O.N.	Antenna array synthesis according to the sector pattern by multiparametric method of regularization (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1106961, pp. 458-460.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948981556&doi=10.1109%2fMMET.2002.1106961&partnerID=40&md5=d5cc0bcc1f12496466644bf5edd90718
	Gorobets, N.N. , Shishkova, A.V.	Rigorous calculation of cross polarization radiation of an open-ended circular waveguide (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137268, pp. 351-352.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968756951&doi=10.1109%2fCRMICO.2002.1137268&partnerID=40&md5=d3c3821f57024ef589a86a46ef60468
	Shishkova, A.V., Pivnenko, S.N., Kim, O.S., Gorobets, N.N.	Phase radiation characteristics of an open-ended circular waveguide (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1106925, pp. 361-363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051483667&doi=10.1109%2fMMET.2002.1106925&partnerID=40&md5=4f399a16bccf4b2af2a282c5be09c36
	Gorobets, N.N. , Katrich, V.A., Nesterenko, M.V., Popov, V.S.	Near field distribution of thin impedance vibrators in absorbing medium (2002) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2002-January, art. no. 1049172, pp. 46-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948970627&doi=10.1109%2fDIPED.2002.1049172&partnerID=40&md5=6f06082207dc5d7ff6882403f2d1beba
	Atroshenko, L.M., Gorobets, N.N. , Gorobets, Yu.N., Katrich, V.A.	Influence of circular-polarized waveguide radiator length on amplitude and polarization beam patterns (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137269, pp. 353-354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968752836&doi=10.1109%2fCRMICO.2002.1137269&partnerID=40&md5=f07110e14569f99dd40108f6146b59f9
	Gorobets, N.N.	A system-level analysis of possibilities for developing a multi-position space-coherent radar (Radio Holographic) system. synchronization (Phasing) of antenna positions. preliminary adjustments of common antenna. determination of number of positions (2001) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 55 (2), pp. 30-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844459147&partnerID=40&md5=beda0f6a891acafddb733e9312943c
	Gorobets, N.N. , Yeliseyeva, N.P.	Gains of electric dipole arbitrarily oriented and placed above the rectangular screen (2001) Proceedings of 6th International Seminar/Workshop on: Direct and Inverse problems of Electromagnetic and Acoustic Wave Theory, pp. 29-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035790929&partnerID=40&md5=e581babe1adcd9bf4cf34a187c7e164e
	Bulgakov, A.A., Gorobets, N.N. , Lyashchenko, V.A.	An analysis of the matching and directional characteristics of waveguide and horn radiators (2001) Radiotekhnika i Elektronika, 46 (8), pp. 961-965.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035774228&partnerID=40&md5=f46a3c9ec1fc944532a9ef63d71b921a
	Gorobets, N.N. , Gorobets, Yu.N., Dakhov, V.M.	Directional and band characteristics of antenna arrays of a traveling wave with the two-channel excitation (2001) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 44 (3), pp. 3-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035769193&partnerID=40&md5=c24102e3a3661fcdcd94d477a66ca5f7
	Gorobets, N.N. , Katrich, V.A., Nesterenko, M.V.	Penetration of electromagnetic waves through dielectric layer with non-homogeneous parameters (2001) Proceedings of 6th International Seminar/Workshop on: Direct and Inverse problems of Electromagnetic and Acoustic Wave Theory, pp. 73-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035791711&partnerID=40&md5=11c49ed791381e82bfac9ef135c376b
	Bulgakov, A.A., Gorobets, N.N. , Lyashchenko, V.A.	An Analysis of the Matching and Directional Characteristics of Waveguide and Horn Radiators (2001) Journal of Communications Technology and Electronics, 46 (8), pp. 886-890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043235828&partnerID=40&md5=7026dc84df79c1c5dc56d7d953620d1
	Gorobets, N.N. , Sishkova, A.V.	Computer aided analysis of near field radiation from an open-ended waveguide and horn antennas (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173868, pp. 376-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956667564&partnerID=40&md5=0028497d8fd346e9e23b59e82c8b3537
	Gorobets, N.N. , Mikhnenko, M.Yu.	Beam pattern of coaxial exciter for multiband mirror antennas (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173855, pp. 356-357.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956648732&partnerID=40&md5=a02bb6e7f06fcd6b4401b24127bde3e1
	Gorobets, N.N. , Dakhov, V.M., Gorobets, Yu.N.	Tunable corner travelling wave antenna array with central excitation (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173845, pp. 341-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956705864&partnerID=40&md5=4d1eebf6f15afcb8d4858f942a7d973
	Atroshenko, L.M., Gorobets, N.N. , Gorobets, Yu.N., Katrich, V.A.	Multibeam reflector antennas with displacement of exciters along focal axis (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173851, pp. 351-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956696743&partnerID=40&md5=8e4a07809181262917c38422e44ae9de
	Gorobets, N.N. , Nesterenko, M.V., Popov, V.S.	Distribution of microwave power absorbed in non-homogeneous timber layer (2001) CriMiCo 2001 - 11th International Conference, art. no. 1174008, pp. 668-670.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956665170&partnerID=40&md5=00808b8e85f334cc168bee824dfc54f4f
	Gorobets, N.N. , Dakhov, V.M., Katrich, V.A., Bandura, N.A., Cherny, I.V.	Polarization selector based on a square waveguide (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947285, pp. 713-714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966665228&doi=10.1109%2fMSMW.2001.947285&partnerID=40&md5=d79758d71345ad50a20c25018f9a8630
	Bulgakov, A.A., Berdnik, S.L., Gorobets, N.N. , Katrich, V.A., Lyashchenko, V.A.	Interaction between the open ends of the wide-side multimode waveguide radiators with dielectric filling (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, art. no. 946771, pp. 172-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966658540&doi=10.1109%2fMSMW.2001.946771&partnerID=40&md5=5eed0b22cf3293402fb17c03dd7191d
	Shckorbatov, Y.G., Shakhbazov, V.G., Navrotskaya, V.G., Zhuraveleva, L.A., Gorobets, N.N. , Kiyko, V.I., Sirenko, S.P.	The influence of microwave irradiation on human epithelial cells (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947364, pp. 937-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966659620&doi=10.1109%2fMSMW.2001.947364&partnerID=40&md5=8cb8fd0d2968a2fffd57d3f67ac2c7c5
	Sirenko, S.P., Grigoryeva, N.N., Shakhbazov, V.G., Fisun, A.I., Belous, O.I., Gorobets, N.N. , Kiyko, V.I.	Effect of linear and circular polarized waves of SHF and EHF bands on human buccal epithelium cells (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173716, pp. 97-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956694627&partnerID=40&md5=14bb515587287603a08cda8dc89a8ed1
	Shckorbatov, Y.G., Shakhbazov, V.G., Navrotskaya, N.N., Zhuravleva, L.A., Gorobets, N.N. , Kiyko, V.I., Sirenko, S.P.	Changes in cell membrane properties, chromatin state, and electrokinetic properties of human cell nuclei under the influence of low level microwave irradiation (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173714, pp. 92-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956633671&partnerID=40&md5=97e60630c647cbc6ed77add608072740

	gorobets, N.N. , Tsekhmistro, R.I.	Power distributions for short dipole antennas at the short distance (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256110, pp. 296-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966387219&doi=10.1109%2fCRMICO.2000.1256110&partnerID=40&md5=43771cfcc2d0d9c487c43c4af237de8
	gorobets, N.N. , Orlova, L.V., Shishkova, A.V.	Scattering coefficients for radiation from an open-ended circular waveguide (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256109, pp. 294-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966312218&doi=10.1109%2fCRMICO.2000.1256109&partnerID=40&md5=48adca0823dccc0609f9637cbec6bd713
	Shishkova, A., Orlova, L.V., gorobets, N.N.	Mathematical model of radiation from open-ended circular waveguide excited by symmetrical TM01 and TE01 modes (2000) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 1, art. no. 888591, pp. 303-305.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951169286&doi=10.1109%2fMMET.2000.888591&partnerID=40&md5=384a3cf33bf5176156effb01e6f768bf
	gorobets, N.N. , Gorobets, Yu.N., Kiuko, V.I.	Computer optimization of field sources amplitude distribution in plane cophasal antenna arrays (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256119, pp. 314-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966289990&doi=10.1109%2fCRMICO.2000.1256119&partnerID=40&md5=c6a349ce88649c903703f77faf3863be
	Maslov, V.A., Alexandrov, Yu.A., Yuzhakov, B.A., gorobets, N.N.	Composite material for defense against electromagnetic radiation (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256175, pp. 443-444.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966344036&doi=10.1109%2fCRMICO.2000.1256175&partnerID=40&md5=fb6ca5fc3a5e37ef9d6175f84e38e0c2
	Shckorbatov, Y.G., Shakhbazov, V.G., gorobets, N.N. , Kiyko, V.I., Zhuravleva, L.A., Navrotskaya, V.V.	The influence of electromagnetic radiation of millimeter and centimeter range on human epithelial cells (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256225, pp. 557-558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892020365&doi=10.1109%2fCRMICO.2000.1256225&partnerID=40&md5=9733c43282f80cdec886a64e4b54021b
	gorobets, N.N.	Superwide-band signal distortion caused by linear dipole antennas (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (3), pp. 36-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844544457&partnerID=40&md5=45ad5c870611840052c64e0e1b050ce5
	gorobets, N.N.	A technique for reducing the side-lobe level of plane antenna arrays (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (3), pp. 30-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844557144&partnerID=40&md5=69b543b31f9c5151b714a6e7311ab981
	gorobets, N.N.	Near-field effects in the electromagnetic power distribution in the vicinity of an array of hertzian dipoles (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (3), pp. 24-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844600380&partnerID=40&md5=18e95638533ee83f119b9f9ecf34eff9
	gorobets, N.N.	Energy and polarization characteristics of radiation from the open end of a circular waveguide excited simultaneously by E01 and H01 waves (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (1), pp. 89-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844532305&partnerID=40&md5=d98cc7f4bc7f34462894b57d44f0e9ae
	gorobets, N.N.	Effect of the near field on the electromagnetic power distribution in annular antenna arrays (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (4-5), pp. 71-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844524719&partnerID=40&md5=f12b9aac7560dc97bf2f4a2cd048e59
	gorobets, N.N.	Basic parameters of a single-mirror antenna with an axial-symmetric reflector: A numerical analysis (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (4-5), pp. 76-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844526385&partnerID=40&md5=65a5474290bc74a76a4fc7e1a14fc11
	gorobets, N.N.	Cross-polarized radiation of an oscillator parallel to a plane rectangular screen (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (1), pp. 33-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844478936&partnerID=40&md5=7118152efa731679582a42729323226e
	gorobets, N.N. , Romanichenko, G.N.	Spatial derivatives of the electric and magnetic field vectors of the hertzian dipole radiation field at finite distances (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (2), pp. 39-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044438236&partnerID=40&md5=35cfcb05cc5fe9a22bf2c2b51882878b
	gorobets, N.N. , Chekalin, G.M.	Synthesis of vector signals (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (10), pp. 32-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844517376&partnerID=40&md5=964b4e28b327e9e0ccdc81384447cc68
	gorobets, Nikolay N. , Yeliseyeva, Nadezhda P.	Influence of diffraction effects on radiation characteristics of a wire antenna with finite-size plane and corner reflectors of arbitrary apex angle (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 568-570.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230574&partnerID=40&md5=8bdf9594d4ce1b823160305731b9178
	gorobets, N.N. , Chebotarev, V.I., Chekalin, G.M.	Formation of the polarization state of spectral harmonics (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 33-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844585230&partnerID=40&md5=7b15344ef9328b122adb8372df2a84af
	Bulgakov, Aleksey A., gorobets, Nikolay N. , Lyschenko, Valentina A.	Matching and radiation patterns of waveguide and sectorial horn radiators (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 556-558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230678&partnerID=40&md5=a421fd5818add3e624c864c3436dbdbde
	gorobets, N.N. , Blinova, N.K., Gorobets, Yu.N., Lytov, Yu.V., Popov, V.S.	Microstrip antenna array for side-looking radars (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 96-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844560132&partnerID=40&md5=181ccad8026e19516c6c50420ef9a7e2
	Shostko, O.S., Shostko, I.S., Lonin, Y.F., Chumakov, V.I., Shostko, S.N., gorobets, N.N. , Dubrovskaya, L.L.	Bactericide action of high-power pulsed ultra-violet radiation (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (4), pp. 86-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002273636&partnerID=40&md5=606351acbd77ab6b75bb90e4e8b4729
	gorobets, N.N. , Kijko, V.I., Lytov, Yu.V., Somov, V.A.	Multibeam waveguide-slot and microband antenna array of panorama radiometers of aerocosmic duty (1998) Izvestiya VUZ: Radioelektronika, 41 (8), pp. 3-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032132367&partnerID=40&md5=4d6ae719d642e7163d0071f9a6b52cd9
	gorobets, N.N. , Gorobets, Yu.N.	Multibeam waveguide-slot antenna with the horn-mirror pattern-forming scheme (1997) Izvestiya VUZ: Radioelektronika, 40 (5), pp. 3-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031130788&partnerID=40&md5=3d5de913ad1d30ab7359af73916fe5c
	gorobets, N. , Yeliseyeva, N.	Calculation and optimization of directional characteristics of vibrator antenna with limited dimensional screen (1996) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 513-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030395025&partnerID=40&md5=97cae21febfee9a26dab54c1d3d20e9c
	gorobets, N.N. , Gorbach, I.V., Vyazmitinova, S.S.	Computer analysis of sectionalized mirror antennas for the ground-based systems of satellite signal reception (1996) Izvestiya VUZ: Radioelektronika, 39 (9), pp. 3-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030230178&partnerID=40&md5=9595da972ca2eda165922864c2b23869
	Vinter, I.A., gorobets, N.N. , Zhukovskij, V.V., Sorokin, V.A.	A microwave biostimulator "Biostim-01" (1995) Pribery i Tekhnika Eksperimenta, (5), pp. 209-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029367369&partnerID=40&md5=4147d28c9633ea007f389d2f5be5fa55
	gorobets, N.N. , Vyazmitinova, S.S., Snopik, L.M.	Computer analysis and optimization of multiple-beam and scanning reflector antennas (1995) IEEE Conference Publication, 1 (407), pp. 227-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029225965&partnerID=40&md5=1110a40856b341e3618987b45042140c
	gorobets, N.N. , Eliseeva, N.P.	Directional and polarization characteristics of radiation for finite-size corner antennas with arbitrary apex angle of the corner (1993) Radiotekhnika i Elektronika, 38 (1), pp. 59-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027246826&partnerID=40&md5=ac6d7b1f50ababc2f9e4fb491f35
	gorobets, N.N. , Eliseyeva, N.P.	Radiation characteristics of an electric dipole parallel to a bounded plane screen (1992) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 47 (7), pp. 118-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026894589&partnerID=40&md5=1b0784819fddea998e843332c332ca8

	gorobets, N.N., Eliseeva, N.P.	Characteristics for the emission of an electric dipole positioned in parallel with a rectangular screen of ideal conductivity (1992) Radiotekhnika, (7-8), pp. 66-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026886131&partnerID=40&md5=236151bab9ae7d0366a13a97f59fb409
	gorobets, N.N., Nesterenko, M.V., Petlenko, V.A., Pchel'nikov, A.Ya.	Radiation pattern of a rectangular microstrip antenna and an array of passive dipoles (1991) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 46 (12), pp. 79-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026284282&partnerID=40&md5=3408abadd16b8c2d076813eeac99ce15
	gorobets, N.N., Nesterenko, M.V., Petlenko, V.A., Pchel'nikov, A.Ya.	Directional pattern of rectangular microstrip antenna and array of passive dipoles (1991) Radiotekhnika, (11), p. 75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026252753&partnerID=40&md5=d35bf98e68640235764ec5e7c5db7b0
	gorobets, N.N., Lytov, Yu.V., Pchel'nikov, A.Ya.	Experimental investigation of a low-profile antenna with circular polarization (1988) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 43 (4), pp. 109-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023993801&partnerID=40&md5=5729c1cf2751f71b03bda60985f7a88d
	gorobets, N.N., Eliseev, A.I., Kalinichenko, I.A.	Radiation from a plane logarithmic spiral on a two-layer dielectric substrate (1987) Radiophysics and Quantum Electronics, 30 (11), pp. 998-1003.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250107851&doi=10.1007%2fBF0104078&partnerID=40&md5=f72e372bf8e406faccdf0838e9802be5
	gorobets, N.N., Eliseev, A.I., Lytov, Yu., Nosenko, O.N.	Radiation from a planar logarithmic spiral on a layer of dielectric with losses (1984) Radiophysics and Quantum Electronics, 27 (8), pp. 723-730.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021472227&doi=10.1007%2fBF0104078&partnerID=40&md5=4b20b26f2b6b877971b0024f30011e20
	gorobets, N.N., Nesterenko, M.V., Petlenko, V.A., Zhizhnyak, N.A.	THIN IMPEDANCE DIPOLE IN RECTANGULAR WAVEGUIDE. (1984) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 38-39 (1), pp. 131-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021152395&partnerID=40&md5=7fc52861b2d40f9da2933e435619de9b
	gorobets, N.N., Lyashchenko, V.A.	RADIATION CHARACTERISTICS OF LONGITUDINAL SLOT RADIATORS. (1982) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 27 (10), pp. 146-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020191579&partnerID=40&md5=51673def62ff8d15ec21a567ecda705
5	Azarenkov, N.A., Olefir, V.P., Sporov, A.E.	Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field (2017) Contributions to Plasma Physics, 57 (5), pp. 196-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019610902&doi=10.1002%2fctpp.201700016&partnerID=40&md5=657bb58ac0138e1ca87d4b9de3952153
	Azarenkov, N.A., Gapon, A.V.	Plasma expansion into gas (2017) Problems of Atomic Science and Technology, 107 (1), pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016099317&partnerID=40&md5=437eff6ee2266d5100ce688d427488d9
	Marushchenko, I., Azarenkov, N.A.	Relativistic neoclassical transport coefficients with momentum correction (2017) Problems of Atomic Science and Technology, 107 (1), pp. 92-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016112878&partnerID=40&md5=a929473c2150158a77d184bd763ac512
	Ivko, S., Denysenko, I., Azarenkov, N.	Electromagnetic wave propagation through magnetoactive plasma layers (2017) Problems of Atomic Science and Technology, 107 (1), pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016115798&partnerID=40&md5=f7e8cf8921d53ab17163e241229c4db2
	Galaydych, V.K., Azarenkov, N.A., Olefir, V.P., Sporov, A.E.	Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain (2017) Problems of Atomic Science and Technology, 107 (1), pp. 96-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016091920&partnerID=40&md5=019fe78eb8c4e2c009f3471636a463d9
	Azarenkov, N.A., Gapon, A.V., Dudin, S.V.	Heuristic solution of Langmuir problem in arbitrary domain (2017) Ukrainian Journal of Physics, 62 (1), pp. 33-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011605015&doi=10.15407%2fujpe62.01.0033&partnerID=40&md5=5ec84cd6b13dd689f6913bbf81827d9a
	Hrechko, Y.O., Azarenkov, N.A., Babenko, I.V., Ryabchikov, D.L., Sereda, I.N., Shovkun, M.A., Tseluyko, A.F.	The capacitive component of double layer current in plasma (2017) Problems of Atomic Science and Technology, 107 (1), pp. 219-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016118981&partnerID=40&md5=846183085325964d47c14d4728f8eddb
	Grishanov, N.I., Azarenkov, N.A.	Instability of field-Aligned electron-cyclotron waves in a magnetic mirror plasma with anisotropic temperature (2016) Journal of Plasma Physics, 82 (4), art. no. 905820402, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014456151&doi=10.1017%2fS0022377816000672&partnerID=40&md5=6bbcd4a1c7b32ac949c7e6941338db91
	Denysenko, I.B., Kersten, H., Azarenkov, N.A.	Electron energy distribution function, effective electron temperature, and dust charge in the temporal afterglow of a plasma (2016) Physics of Plasmas, 23 (5), art. no. 053704, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973574813&doi=10.1063%2f1.4952633&partnerID=40&md5=054d823c7566c564a896f076ad708ef
	Rudych, V.G., Azarenkov, N.A., Girka, I.A., Rudych, E.V.	Irradiation Dose Minimization by Optimizing the Arrangement of Radiation Sources of Different Intensity (2016) Atomic Energy, 119 (4), pp. 285-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953379085&doi=10.1007%2fS10512-016-0061-7&partnerID=40&md5=c5ff36f7ec1e835af933cd2905eb67
	Grishanov, N.I., Azarenkov, N.A.	Cyclotron wave absorption in D-shaped tokamaks (2016) Problems of Atomic Science and Technology, 106 (6), pp. 52-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007552796&partnerID=40&md5=43f7d5db1702e8c8de6f298e24444d7
	Azarenkov, N.A., Kirichenko, V.G., Kovalenko, O.V., Nesterenko, R.S.	The features of the growth and segregation processes of intermetallic phases inclusions in zirconium alloys (2016) Problems of Atomic Science and Technology, 104 (4), pp. 42-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988660794&partnerID=40&md5=e371f8e8dd42e4cca539e491a806c454
	Azarenkov, N.A., Semenenko, V.E., Ovcharenko, A.I., Pylypenko, M.M.	Monocrystalline structure formation of doped perfect silicon crystals (2016) Problems of Atomic Science and Technology, 101 (1), pp. 23-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958541486&partnerID=40&md5=e4a8128b17203d09d2cc22d310fc29c7
	Denysenko, I.B., Azarenkov, N.A., Ivko, S., Burmaka, G., Glazkov, A.	Effect of dust particles on electron energy distribution in glow and afterglow plasmas (2016) Problems of Atomic Science and Technology, 106 (6), pp. 179-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007545171&partnerID=40&md5=4b30a27a1b81a0d048a5bd1bd3093504
	Hrechko, Y.O., Azarenkov, N.A., Babenko, I.V., Ryabchikov, D.L., Sereda, I.N., Shovkun, M.A., Tseluyko, A.F.	Features of active power definition in high-current pulsed discharge (2016) Problems of Atomic Science and Technology, 106 (6), pp. 48-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007570602&partnerID=40&md5=4f4d50777cadd3c67365ebf09c22b442
	Azarenkov, N.A., Bobkov, V.V., Tishchenko, L.P., Starovoitov, R.I., Kovtunen, Y.I., Logachev, Y.E., Gamayunova, L.A.	Sequential implantations of deuterium and helium ions into tungsten-coated composite structures (2016) Problems of Atomic Science and Technology, 106 (6), pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007529315&partnerID=40&md5=61f51255ab930221365f52f196318249
	Mysiura, I., Kalantaryan, O., Kononenko, S., Zhurenko, V., Grigorenko, D., Chishkala, V., Azarenkov, N., Avotin, S., Rohmanov, N.	Photo- and radioluminescence of poleskiy amber (2016) Functional Materials, 23 (4), pp. 582-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008189742&doi=10.15407%2ffm23.04.404&partnerID=40&md5=f47da7ff4ae5b5a27cc10e22c1fb6905
	Denysenko, I.B., Kersten, H., Azarenkov, N.A.	Electron energy distribution in a dusty plasma: Analytical approach (2015) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 92 (3), art. no. 033102, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942259456&doi=10.1103%2fPhysRevE.92.033102&partnerID=40&md5=b08fb8eeab3f13430940317f8acd8652
	Denysenko, I.B., Stefanović, I., Azarenkov, N.A., Burmaka, G.P.	Effect of secondary emission on the argon plasma afterglow with large dust density (2015) Physics of Plasmas, 22 (2), art. no. 023702, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923800390&doi=10.1063%2f1.4907225&partnerID=40&md5=9c3254323506d129ca329655d4e57455
	Marushchenko, I., Azarenkov, N.A.	Relativistic effects in electron neoclassical transport (2015) Problems of Atomic Science and Technology, 95 (1), pp. 37-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923138923&partnerID=40&md5=8a7204161eeff3c4cb5b621998d1c3
	Zykov, A.V., Azarenkov, N.A.	Ignition and break-down of the gas discharge in magnetic field (2015) Problems of Atomic Science and Technology, 98 (4), pp. 224-228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941082702&partnerID=40&md5=d368c6ee60294451264470e1a40d2b4dd
	Burmaka, G.P., Denysenko, I.B., Azarenkov, N.A.	Growth of forest of single-walled carbon nanotubes at inhomogeneous fluxes from plasma (2015) Problems of Atomic Science and Technology, 95 (1), pp. 184-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923120540&partnerID=40&md5=1de82240d91b7c26595a581374e9be13
	Azarenkov, N.A., Olefir, V.P., Sporov, A.E.	Eigen dipolar electromagnetic waves of coaxial non-uniform plasma-metal waveguide with external azimuth magnetic field (2015) Problems of Atomic Science and Technology, 95 (1), pp. 77-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923198975&partnerID=40&md5=06139f9e821abfeb0bf11b14aaceb31

	Galaydych, V.K., Azarenkov, N.A. , Olefir, V.P., Sporov, A.E.	Slow and fast surface electromagnetic waves in planar structures contained left-handed material (2015) Problems of Atomic Science and Technology, 98 (4), pp. 306-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941051562&partnerID=40&md5=7f8b89de46842e6b48f418f30f1bae9
	Hrechko, Y.O., Azarenkov, N.A. , Babenko, I.V., Ryabchikov, D.L., Vusyk, N.N., Tseluyko, A.F.	Anisotropy of radiation from dense plasma of multiply ionized atoms (2015) Problems of Atomic Science and Technology, 98 (4), pp. 32-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941126282&partnerID=40&md5=58f6c6fc2ba46d189e881f6f998e23dd
	Hrechko, Y., Azarenkov, N.A. , Dimitrova, V.D., Borgun, I., Ryabchikov, D.L., Sereda, I.N., Hryhorenko, A.V., Tseluyko, A.F.	Dynamics of euv-radiation from the partially contracted plasma diode (2015) Problems of Atomic Science and Technology, 95 (1), pp. 190-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923204803&partnerID=40&md5=02d96c6e057db4718a6fa8647f9641ac
	Borgun, I.V., Hrechko, Y.O., Azarenkov, N.A. , Dimitrova, V.D., Ryabchikov, D.L., Sereda, I.N., Hryhorenko, A.V., Tseluyko, A.F.	Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation (2015) Problems of Atomic Science and Technology, 95 (1), pp. 174-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923123356&partnerID=40&md5=3dad3a6c8d2ec84395cfe14256d8211a
	Azarenkov, N.A. , Lytovchenko, S.V., Beresnev, V.M., Chyshkala, V.O., Veliev, Y.I.	Condensation of silicide films from pure components (2014) Problems of Atomic Science and Technology, 89 (1), pp. 180-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893643080&partnerID=40&md5=fbd9e9b059207b2b780dc81a1d66a3b5
	Denysenko, I.B., Stefanović, I., Azarenkov, N.A. , Burmaka, G.P.	Effect of secondary emission on the afterglow of argon with negatively charged dust particles (2014) Problems of Atomic Science and Technology, 94 (6), pp. 157-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918545178&partnerID=40&md5=06d808d8b88d0b2142cd8083c8627462
	Grishanov, N.I., Azarenkov, N.A. , Grishanov, N.I.	Field-aligned electron-cyclotron waves in a straight mirror-trapped plasma with anisotropic temperature (2014) Problems of Atomic Science and Technology, 94 (6), pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918524852&partnerID=40&md5=8386606446cf4e864bb6b8365c1a4d9d
	Azarenkov, N.A. , Kirichenko, V.G., Kovalenko, O.V.	The features of nanolayers surface structure of yttrium iron garnet films (2014) Problems of Atomic Science and Technology, 92 (4), pp. 66-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906088348&partnerID=40&md5=6b2dec412727a735b94186fa9b99c39
	Galaydych, V.K., Azarenkov, N.A. , Olefir, V.P., Sporov, A.E.	Surface electromagnetic waves in left-handed material slab embedded in plasmalike media (2014) Problems of Atomic Science and Technology, 94 (6), pp. 112-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918577061&partnerID=40&md5=2d23d5f5a544ff44f913e8f289301be
	Burmaka, G., Denysenko, I.B., Ostrikov, K., Levchenko, I., Azarenkov, N.A.	Long, vertically aligned single-walled carbon nanotubes from plasmas: Morphokinetic and alignment controls (2014) Plasma Processes and Polymers, 11 (8), pp. 798-808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905919053&doi=10.1002%2fppap.201400059&partnerID=40&md5=8abce503488b94897f73f1f0d9691792
	Azarenkov, N.A. , Vasilenko, R.L., Kirichenko, V.G., Potina, T.S., Kharkiv, V.N.	The investigation of zirconium alloys characteristics during the oxidation in the gaseous medium (2014) Problems of Atomic Science and Technology, 90 (2), pp. 97-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940232845&partnerID=40&md5=7291f65ff78a8ba222d9047d0275d36f
	Azarenkov, N.A. , Afanas'Eva, I.A., Bobkov, V.V., Gritsyna, V.V., Gritsyna, V.T., Peretyatko, A.A., Ryzhov, D.A., Shevchenko, D.I.	Ion-photon emission under ion bombardment of garnet structures of different composition (2014) Vacuum, 105, pp. 91-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899929473&doi=10.1016%2fj.vacuum.2013.10.022&partnerID=40&md5=14224d7305b49667dd5b035e4dcf056f
	Mytsura, I.N., Girka, I.A., Azarenkov, N.A. , Borgun, I.V., Hrechko, Y.O., Hryhorenko, A.V., Dimitrova, V.D., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	Features of electron beam evaporation under surface electron beam formation (2014) Problems of Atomic Science and Technology, 94 (6), pp. 149-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918494560&partnerID=40&md5=54a4fd0587869cb49db6a78f6a8c76c6
	Azarenkov, N.A. , Pshyk, A.V., Sobol, O.V., Beresnev, V.M., Turbin, P.V., Lytovchenko, S.V., Kolesnikov, D.A.	Properties of AlN-TiB ₂ -TiSi ₂ coating system obtained by magnetron sputtering (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653080, pp. 824-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891066252&partnerID=40&md5=4ba241fa6d785608791b82e7ca85729a
	Grishanov, N.I., Azarenkov, N.A.	Electron Landau damping in toroidal plasma with Solov'ev equilibrium (2013) Plasma Physics Reports, 39 (12), pp. 947-958.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891324465&doi=10.1134%2f51063780X13120039&partnerID=40&md5=1c99105722e0b195fc5cc6657b85e1e3
	Grishanov, N.I., Azarenkov, N.A.	Cyclotron wave absorption in large aspect ratio elongated tokamaks (2013) Problems of Atomic Science and Technology, (4), pp. 100-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881573888&partnerID=40&md5=aab47f521702192e38185c1f0b436973
	Marushchenko, I.N., Azarenkov, N.A.	Relativistic mono-energetic transport coefficients in hot plasmas (2013) Problems of Atomic Science and Technology, (4), pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881576214&partnerID=40&md5=5f7e467ccfd1c29be798efd743219c29
	Mykhaylenko, V.V., Lee, H.J., Mykhaylenko, V.S., Azarenkov, N.A.	The shearing modes approach to the theory of the diocotron instability of the cylindrical electron layer (2013) Problems of Atomic Science and Technology, (4), pp. 25-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881586782&partnerID=40&md5=98670da4205c26df4182915127735a07
	Denysenko, I.B., Stefanović, I., Sikimić, B., Winter, J., Azarenkov, N.A.	Discharging of dust particles in the afterglow of plasma with large dust density (2013) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 88 (2), art. no. 023104, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883865711&doi=10.1103%2fPhysRevE.88.023104&partnerID=40&md5=a546745a37861d26612f06e82aa7c02b
	Marushchenko, I., Azarenkov, N.A. , Marushchenko, N.B.	Relativistic neoclassical radial fluxes in the 1/v regime (2013) Plasma Physics and Controlled Fusion, 55 (8), art. no. 085005, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881494913&doi=10.1088%2f0741-3335%2f55%2f8%2f085005&partnerID=40&md5=8c5a8ae429839eb6f6c240710888456e
	Azarenkov, N.A. , Sobol, O.V., Beresnev, V.M., Pogrebnyak, A.D., Kolesnikov, D.A., Turbin, P.V., Toryanik, I.N.	Vacuum-plasma coatings based on the multielement nitrides (2013) Metallofizika i Noveishie Tekhnologii, 35 (8), pp. 1061-1084.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886439720&partnerID=40&md5=ee5b712ee92876e7a658661835d16029
	Rudychiev, V.G., Rudychiev, Y.V., Azarenkov, N.A. , Bondar, A.Y.	Optimization of the Detection System for 16 registration along with coolant leaks in the wwer-1000 steam generator (2013) Problems of Atomic Science and Technology, (3), pp. 259-267.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879166180&partnerID=40&md5=8c38ff33c9f4a651e98e9abe939cf41e
	Azarenkov, N.A. , Beresnev, V.M., Toryanik, I.S., Pogrebnyak, A.D., Sobol, O.V., Drobyshvskaya, A.A., Kropotov, A.Y., Tolmacheva, G.N., Klymenko, S.A., Turbin, P.V., Lytovchenko, S.V., Kolesnikov, D.A.	Ion-plasma coating AlN-TiB ₂ -TiSi ₂ systems, obtaining and properties (2013) Problems of Atomic Science and Technology, (2), pp. 144-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876211364&partnerID=40&md5=b6c575e8bb5c799a5ac6f61add3f1f09
	Marushchenko, I.N., Azarenkov, N.A. , Marushchenko, N.B.	Relativistic neoclassical fluxes in hot plasmas (2013) Problems of Atomic Science and Technology, (1), pp. 67-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876167051&partnerID=40&md5=cb60b8beb35932a35e7a2002a864d213
	Azarenkov, N.A. , Olefir, V.P., Sporov, A.E.	Eigen dipolar electromagnetic waves of coaxial plasma-metall waveguide structure with azimuth magnetic field (2013) Problems of Atomic Science and Technology, (1), pp. 93-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876198014&partnerID=40&md5=32281c55ac7f8b7210bb6887d9f46a0
	Mikhailenko, V.V., June Lee, H., Mikhailenko, V.S., Azarenkov, N.A.	Non-modal analysis of the diocotron instability: Cylindrical geometry (2013) Physics of Plasmas, 20 (4), art. no. 042101, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877593770&doi=10.1063%2f1.4798420&partnerID=40&md5=f32cd0ba3a2a954d7aaf32371a60f739
	Borgun, I.V., Azarenkov, N.A. , Hassanein, A., Tseluyko, A.F., Maslov, V.I., Ryabchikov, D.L.	Double electric layer influence on dynamic of EUV radiation from plasma of high-current pulse diode in tin vapor (2013) Physics Letters, Section A: General, Atomic and Solid State Physics, 377 (3-4), pp. 307-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871011997&doi=10.1016%2fj.physleta.2012.11.027&partnerID=40&md5=ba77f6ccbad9c5e58b4e6ab57b856b56
	Mykhaylenko, V.S., Mykhaylenko, V.V., Lee, H.J., Koepke, M.E., Azarenkov, N.A.	Shearing modes approach in the theory of shear flows turbulence (2013) 40th EPS Conference on Plasma Physics, EPS 2013, 2, pp. 870-873.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905654637&partnerID=40&md5=3ca6a2e216d0ee929ab6a4014defe2a0

	Azarenkov, N.A. , Galaydych, V.K., Olefir, V.P., Sporov, A.E.	Phase and group velocities of electromagnetic eigen waves of left-hand material slab (2012) Problems of Atomic Science and Technology, (6), pp. 87-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871730818&partnerID=40&md5=c94fb31d27aefab2b7d23c06b6b863a1
	Burmaka, G.P., Denysenko, I.B., Azarenkov, N.A.	Formation of forest of single-walled carbon nanotubes in plasma-enhanced chemical vapor deposition (2012) Problems of Atomic Science and Technology, (6), pp. 223-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871751771&partnerID=40&md5=c7f0c5100f8e574127b03c94e2e99a26
	Borgun, I.V., Azarenkov, N.A. , Hassanein, A., Tseluyko, A.F., Maslov, V.I., Ryabchikov, D.L., Grechko, Y.	Influence of external magnetic field on intensity and directivity of EUV radiation from high-current pulse plasma diode (2012) Problems of Atomic Science and Technology, (6), pp. 184-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871725859&partnerID=40&md5=8fcd6fbfd2a8506dc5f342d2aa28ca0e
	Denysenko, I.B., Ivko, S., Smolyakov, A., Azarenkov, N.A.	Transmission of electromagnetic waves through a two-layer plasma structure with spatially nonuniform electron density (2012) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 86 (5), art. no. 056402, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868352663&doi=10.1103%2FPhysRevE.86.056402&partnerID=40&md5=e25f63f6d9fd6e1d8cf56b25a89f88cd
	Marushchenko, I., Azarenkov, N.A. , Marushchenko, N.B.	On stability of collisional coupling between relativistic electrons and ions in hot plasmas (2012) Physics of Plasmas, 19 (11), art. no. 112109, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870604818&doi=10.1063%2F1.4766898&partnerID=40&md5=92906d4c763d63577166c04b8f657f85
	Ivko, S., Smolyakov, A., Denysenko, I., Azarenkov, N.A.	Resonant transparency of a two-layer plasma structure in a magnetic field (2011) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 84 (1), art. no. 016407, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961109521&doi=10.1103%2FPhysRevE.84.016407&partnerID=40&md5=6db0f4b053eaf3e839637b83930e3eeb
	Denysenko, I., Stefanović, I., Sikimić, B., Winter, J., Azarenkov, N.A. , Sadeghi, N.	A global model for the afterglow of pure argon and of argon with negatively charged dust particles (2011) Journal of Physics D: Applied Physics, 44 (20), art. no. 205204, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955839337&doi=10.1088%2F0022-3727%2F44%2F20%2F205204&partnerID=40&md5=bea2f1f62cace9486b646ae037d4dcf
	Azarenkov, N.A. , Semenenko, V.E., Stervoedov, N.G., Kasilov, A.A.	Influence of diffusive processes on structural stability and wearproofness of natural microcomposites (2011) Problems of Atomic Science and Technology, (2), pp. 149-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955646750&partnerID=40&md5=74cb4d265dbe54fa63a26423a309c8e3
	Denysenko, I., Azarenkov, N.A.	Formation of vertically aligned carbon nanostructures in plasmas: Numerical modelling of growth and energy exchange (2011) Journal of Physics D: Applied Physics, 44 (17), art. no. 174031, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79954613325&doi=10.1088%2F0022-3727%2F44%2F17%2F174031&partnerID=40&md5=6e3ff7f350636742d9c6bfc3c89e4910
	Grishanov, N.I., Azarenkov, N.A.	Dispersion relations for field-aligned cyclotron waves in an axisymmetric tokamak plasma with anisotropic temperature (2011) Problems of Atomic Science and Technology, (1), pp. 59-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952458836&partnerID=40&md5=f5c2d40f791ea11b89e0fadd39d6cfc6
	Mikhailenko, V.S., Mikhailenko, V.V., Stepanov, K.N., Azarenkov, N.A.	Renormalized non-modal theory of turbulence of plasma shear flows (2011) Problems of Atomic Science and Technology, (1), pp. 41-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952465641&partnerID=40&md5=c1001de8cd83c461daf30f4bdddc700
	Azarenkov, N.A. , Galaydych, V.K., Olefir, V.P., Sporov, A.E.	Electromagnetic waves in left-hand material slab that bounded by media with different permittivity (2010) Problems of Atomic Science and Technology, (6), pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650630090&partnerID=40&md5=019ace021c2e936245ccd0569211299
	Ivko, S., Smolyakov, A., Denysenko, I., Azarenkov, N.A.	Controlled anomalous transmission through plasma layers (2010) Problems of Atomic Science and Technology, (6), pp. 129-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650617485&partnerID=40&md5=4fc70a5defb176b2edff7d4d41b5ab45
	Azarenkov, N.A. , Bizyukov, I.A.	The formation of copper transition nano-layer in polytetrafluoroethylene surface by means of ion beam assisting deposition (2010) Problems of Atomic Science and Technology, (4), pp. 302-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149480351&partnerID=40&md5=7ec2fad23696d9048468d5bc1519868e
	Ivko, S.V., Denysenko, I.B., Smolyakov, A.I., Azarenkov, N.A.	Dispersion of the surface magnetoplasmons (2010) Problems of Atomic Science and Technology, (4), pp. 373-375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149481257&partnerID=40&md5=31d9d3d6823378a9a5df0ed2724990c2
	Maslov, V.I., Azarenkov, N.A. , Hassanein, A., Riabchikov, D.V., Svistun, O.M., Tseluyko, A.F.	Role of current and magnetic field structure at directed extreme ultraviolet generation in plasma discharge for nano-lithography (2010) AIP Conference Proceedings, 1242, pp. 324-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955787249&doi=10.1063%2F1.3460144&partnerID=40&md5=7b9ae16faa6eead717e1098deb284ade
	Denysenko, I., Ostrikov, K., Azarenkov, N.A.	Dust charge and ion drag forces in a high-voltage, capacitive radio frequency sheath (2009) Physics of Plasmas, 16 (11), art. no. 113707, p. 113707.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71749108708&doi=10.1063%2F1.3263682&partnerID=40&md5=017904801a407d1f72871492514e4074
	Azarenkov, N.A. , Olefir, V.P., Sporov, A.E.	Dipolar electromagnetic waves in coaxial structure filled by dissipative plasma with azimuth magnetic field (2009) Problems of Atomic Science and Technology, (1), pp. 77-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865344701&partnerID=40&md5=c55ef2effc27afaa2d2a902e4966061a
	Azarenkov, N.A. , Akimov, Y.A., Galaydych, V.K., Olefir, V.P., Sporov, A.E.	Properties of electromagnetic waves that propagate along the left-hand material slab (2009) Problems of Atomic Science and Technology, (1), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865316912&partnerID=40&md5=2bbe5febaec31f84e259036e5c2a801a
	Mikhailenko, V.S., Stepanov, K.N., Mikhailenko, V.V., Azarenkov, N.A. , Chibisov, D.V.	Turbulence of shear flows of magnetized plasma (2009) Problems of Atomic Science and Technology, (1), pp. 64-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865334616&partnerID=40&md5=9a3c114cca70168e1914281baa7bee5e
	Tseluyko, A.F., Lazuryk, V.T., Ryabchikov, D.V., Maslov, V.I., Azarenkov, N.A. , Sereda, I.N., Zinov'ev, D.V., Yunakov, N.N., Makienko, A.A.	Dynamics and directions of extreme ultraviolet radiation from plasma of the high-current pulse diode (2009) Problems of Atomic Science and Technology, (1), pp. 165-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650629294&partnerID=40&md5=d6bcb7691af24144b1e9901b3e0312f9
	Grishanov, N.I., Azarenkov, N.A.	Cyclotron wave instabilities in axisymmetric mirror-trapped plasmas with anisotropic temperature (2009) Plasma Physics and Controlled Fusion, 51 (12), art. no. 125004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70450278825&doi=10.1088%2F0741-3335%2F51%2F12%2F125004&partnerID=40&md5=63f8dac924843477e3d991fc9a02b7c8
	Pogrebnyak, A.D., Shpak, A.P., Azarenkov, N.A. , Beresnev, V.M.	Structures and properties of hard and superhard nanocomposite coatings (2009) Physics-Uspokhi, 52 (1), pp. 29-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67849118716&doi=10.3367%2FUFNe.0179.200901b.0035&partnerID=40&md5=b050af40530600835a0d5e7a31c29c3c
	Mikhailenko, V.S., Mikhailenko, V.V., Stepanov, K.N., Azarenkov, N.A.	Renormalized theory of the ion cyclotron turbulence in magnetic field-aligned plasma shear flow (2009) Physics of Plasmas, 16 (1), art. no. 012305, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59349103127&doi=10.1063%2F1.3063061&partnerID=40&md5=ce354f3298b55323cc82877a8e82caec
	Azarenkov, N.A. , Tkachenko, V.I., Tkachenko, I.V.	Features of dispersive characteristics of Axi-symmetric electromagnetic waves of magnetoactive plasma taking place in the ideally conducting waveguide with finite depth of a ripple (2008) Problems of Atomic Science and Technology, (4), pp. 54-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549256415&partnerID=40&md5=63cf0443ba85e438aab45520f88b4947
	Azhazha, V.M., Azarenkov, N.A. , Semenenko, V.Y., Kuz'min, A.V.	Peculiarities of the obtaining and properties of the natural compositional materials on basis of the high-melting metals (2008) Metallofizika i Noveishie Tekhnologii, 30 (SPEC. ISS.), pp. 277-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63749120077&partnerID=40&md5=71717515c7dc5fecfb734be6b880e8de
	Grishanov, N.I., Azarenkov, N.A. , Kovalenko, A.G.	Dispersion relations for field-aligned cyclotron waves in the laboratory dipole magnetospheric plasmas with anisotropic temperature (2008) Problems of Atomic Science and Technology, (6), pp. 81-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549293922&partnerID=40&md5=0ed14a29148b344a8208b85855575e8f
	Denysenko, I., Ostrikov, K., Cvelbar, U., Mozetic, M., Azarenkov, N.A.	Carbon nanofiber growth in plasma-enhanced chemical vapor deposition (2008) Journal of Applied Physics, 104 (7), art. no. 073301, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54049103610&doi=10.1063%2F1.2986915&partnerID=40&md5=210ca4521838cbabc460d49db5ef223e
	Grishanov, N.I., Azarenkov, N.A.	Dielectric characteristics of a mirror-trapped plasma with anisotropic temperature (2008) Ukrainian Journal of Physics, 53 (5), pp. 465-471.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49349111921&partnerID=40&md5=aea263d8fab89feb0fb80867b77cc2a
	Mikhailenko, V.S., Mikhailenko, V.V., Stepanov, K.N., Azarenkov, N.A.	Anomalous transport of particles in plasma flow with strong inhomogeneous velocity shear (2008) Physics of Plasmas, 15 (7), art. no. 072102, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49149122314&doi=10.1063%2F1.2943703&partnerID=40&md5=095582d61417141f7dbb03f5e98a26f4

Denysenko, I., Ostrikov, K., Yu, M.Y., Azarenkov, N.A.	Effects of ions and atomic hydrogen in plasma-assisted growth of single-walled carbon nanotubes (2007) Journal of Applied Physics, 102 (7), art. no. 074308, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3534882366&doi=10.1063%2f1.2786058&partnerID=40&md5=9553dc9553a576683ca9e2bb12c3c7b
Akimov, Yu.A., Ostrikov, K., Azarenkov, N.A.	Two-surface wave decay: Controlling power transfer in plasma-surface interactions (2007) Physics of Plasmas, 14 (8), art. no. 082106, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548456041&doi=10.1063%2f1.2769966&partnerID=40&md5=e1fd8a0a12d75ea246e372e86409900a
Bizyukov, I., Krieger, K., Azarenkov, N. , Linsmeier, Ch., Levchuk, S.	Tungsten sputtering and accumulation of implanted carbon and deuterium by simultaneous bombardment with D and C ions (2007) Journal of Nuclear Materials, 363-365 (1-3), pp. 1184-1189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248573636&doi=10.1016%2fj.jnucmat.2007.01.152&partnerID=40&md5=7c7007289596cf7b65a0b13b1b453a49
Akimov, Yu.A., Olefir, V.P., Azarenkov, N.A.	Influence of azimuthal structure of surface waves on efficiency of their excitation by tubular electron beams (2006) Contributions to Plasma Physics, 46 (10), pp. 817-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845720529&doi=10.1002%2fctpp.200610082&partnerID=40&md5=72d7c3dff17e0b3a0119c1c6a207f06d
Bizyukov, I., Krieger, K., Azarenkov, N. , Toussaint, U.V.	Relevance of surface roughness to tungsten sputtering and carbon implantation (2006) Journal of Applied Physics, 100 (11), art. no. 113302, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3384589948&doi=10.1063%2f1.2400393&partnerID=40&md5=55d549441210f1dba12fc41800c865b1
Denysenko, I., Ostrikov, K., Yu, M.Y., Azarenkov, N.A.	Behavior of the electron temperature in nonuniform complex plasmas (2006) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 74 (3), art. no. 036402, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748714324&doi=10.1103%2fphysrevE.74.036402&partnerID=40&md5=b9572cb68e0ac4a3c8be0d63c2cde8db
Akimov, Yu.A., Olefir, V.P., Azarenkov, N.A.	Excitation of symmetric surface waves by electron tubular beams (2006) Physica Scripta, 74 (2), art. no. 002, pp. 149-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749532809&doi=10.1088%2f0031-8949%2f74%2f2f2f002&partnerID=40&md5=22afa2b3b1cb9b7ed7dbb279540a6130
Denysenko, I., Yu, M.Y., Azarenkov, N.A.	Effect of negative-ion flux on ion distribution around a spherical probe in electronegative plasmas (2006) Physics of Plasmas, 13 (1), art. no. 013505, pp. 1-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-31644449724&doi=10.1063%2f1.2163816&partnerID=40&md5=47db1d878521d9834e9ad30afe0b8740
Denysenko, I., Yu, M.Y., Stenflo, L., Azarenkov, N.A.	Ion drag on dust grains in electronegative plasmas (2005) Physics of Plasmas, 12 (4), pp. 1-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20844454395&doi=10.1063%2f1.1862629&partnerID=40&md5=02b289cc826ed94b00bfcc2c29dce647
Bizyukov, I., Krieger, K., Azarenkov, N. , Levchuk, S., Linsmeier, Ch.	Formation of D inventories and structural modifications by deuterium bombardment of tungsten thin films (2005) Journal of Nuclear Materials, 337-339 (1-3 SPEC. ISS.), pp. 965-969.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13844320180&doi=10.1016%2fj.jnucmat.2004.09.048&partnerID=40&md5=5245a9d9564ee2709b8a1d2d93d1e363
Denysenko, I., Yu, M.Y., Ostrikov, K., Azarenkov, N.A. , Stenflo, L.	A kinetic model for an argon plasma containing dust grains (2004) Physics of Plasmas, 11 (11), art. no. 9, pp. 4959-4967.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10944254790&doi=10.1063%2f1.1793174&partnerID=40&md5=7a5ed57e9de2b47936d02ec6fd75e79
Akimov, Yu.A., Azarenkov, N.A. , Olefir, V.P.	Surface waves at a dusty plasma-metal interface (2004) Physica Scripta, 70 (1), pp. 33-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3142732008&partnerID=40&md5=ffd5b196b6d60e3267d811732be2461b
Denysenko, I.B., Xu, S., Long, J.D., Rutkevych, P.P., Azarenkov, N.A. , Ostrikov, K.	Inductively coupled Ar/CH 4/H 2 plasmas for low-temperature deposition of ordered carbon nanostructures (2004) Journal of Applied Physics, 95 (5), pp. 2713-2724.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642321079&doi=10.1063%2f1.1642762&partnerID=40&md5=f01f75dc2d9ca434b146dddb4e468462
Azarenkov, N.A. , Akimov, Yu.A., Olefir, V.P.	Effect of Magnetic Field on the Thermal Nonlinearity of Surface Waves in Plasma-Metal Structures (2004) Technical Physics, 49 (1), pp. 39-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0742321339&doi=10.1134%2f1.1642676&partnerID=40&md5=d8fa3ee438f5b2dbcb7417f4416fb1e
Akimov, Yu.A., Azarenkov, N.A. , Olefir, V.P.	Stability of surface waves at magnetized plasma - Metal interface (2003) Contributions to Plasma Physics, 43 (7), pp. 433-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348207584&doi=10.1002%2fctpp.200310058&partnerID=40&md5=35d4652a70c5e7b7bc9a57966d53ef4c
Grekov, D.L., Azarenkov, N.A. , Bizyukov, A.A., Olefir, V.P.	An optimized antenna for plasma generation in the IIP-1 facility (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (5-6), pp. 134-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949954273&doi=10.1615%2fTelecomRadEng.v60.i56.160&partnerID=40&md5=a30b627f3cbf7b056ae39337448ade41
Azarenkov, N.A. , Akimov, Yu.A., Olefir, V.P.	Thermal Nonlinearity of Potential Surface Waves at a Plasma-Metal Interface (2003) Plasma Physics Reports, 29 (12), pp. 1041-1048.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0742306216&doi=10.1134%2f1.1633624&partnerID=40&md5=b76b35e0957b5361293fbc5635800fd
Azarenkov, N.A. , Gushchin, V.I.V., Gushchin, V.V.	Nonlocal Electron Kinetics in Microwaves Discharge (2003) IEEE International Conference on Plasma Science, p. 239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141928142&partnerID=40&md5=915ea85f748b0053872e0fd7a2422dc
Azarenkov, N.A. , Akimov, Yu.A., Olefir, V.P.	Parametric Excitation of Surface Waves at the Boundary between a Magnetized Plasma and a Metal (2003) Plasma Physics Reports, 29 (8), pp. 669-674.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141644189&doi=10.1134%2f1.1601644&partnerID=40&md5=3a6060461718f02aa5025ce8ae69ba3
Akimov, Yu.A., Azarenkov, N.A. , Olefir, V.P.	Non-symmetric surface waves in cylindrical waveguide structures with radially non-uniform plasma filling (2003) Physica Scripta, 67 (4), pp. 329-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037396354&doi=10.1238%2fPhysica.Regular.067a00329&partnerID=40&md5=3445e20676c6f777c9bdd4c22642861
Olefir, V.P., Azarenkov, N.A. , Sporov, A.E.	Axial structure of plasma column sustained by non-symmetric electromagnetic surface wave (2003) Contributions to Plasma Physics, 43 (2), pp. 62-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037505711&doi=10.1002%2fctpp.200310007&partnerID=40&md5=16751cc0025ed36f12fa7ad72bab7c23
Denysenko, I., Dudin, S., Zykov, A., Azarenkov, N. , Yu, M.Y.	Ion flux uniformity in inductively coupled plasma sources (2002) Physics of Plasmas, 9 (11), p. 4767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036857892&doi=10.1063%2f1.1514669&partnerID=40&md5=7d40879cae8bea4043db93d1da9b92bf
Denysenko, I.B., Gapon, A.V., Azarenkov, N.A. , Ostrikov, K.N., Yu, M.Y.	Parameters and equilibrium profiles for large-area surface-wave sustained plasmas (2002) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 65 (4), art. no. 046419, pp. 046419/1-046419/11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37649032458&doi=10.1103%2fphysrevE.65.046419&partnerID=40&md5=c78060e73e3c11e4a13877dee23b479f
Denysenko, I.B., Azarenkov, N.A. , Yu, M.Y.	Radial structure of surface-wave sustained plasmas (2002) Physica Scripta, 65 (1), pp. 76-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036137379&doi=10.1238%2fPhysica.Regular.065a00076&partnerID=40&md5=e637b14602b2913cfb478ee485967eb
Azarenkov, N.A. , Denysenko, I.B., Gapon, A.V., Johnston, T.W.	The radial structure of a plasma column sustained by a surface wave (2001) Physics of Plasmas, 8 (5 1), pp. 1467-1481.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035326310&doi=10.1063%2f1.1358310&partnerID=40&md5=594e385f144b4755e587fa8f694ac1d4
Azarenkov, N.A. , Olefir, V.P., Sporov, A.E.	Quadrupole and Octopole Electromagnetic Waves in Slightly Non-Uniform Magnetized Plasma Column (2001) Physica Scripta, 63 (1), pp. 36-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012240670&doi=10.1238%2fPhysica.Regular.063a00036&partnerID=40&md5=ecfb621739672c68eb5815676641b4a7
Azarenkov, N.A. , Girka, V.O., Pavlenko, I.V.	Microwave gas discharge sustained by the azimuthal surface waves (2000) Contributions to Plasma Physics, 40 (5-6), pp. 529-536.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007368690&partnerID=40&md5=80984a661e0910f4dc24eb218d10a903
Olefir, V.P., Azarenkov, N.A. , Sporov, A.E.	Gas discharge sustained by the nonpotential symmetric surface wave in magnetized heterogeneous plasma column (2000) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 1, art. no. 888600, pp. 329-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037621411&doi=10.1109%2fMMET.2000.888600&partnerID=40&md5=73bcb0bf3e1713dba8674c8343d5607b
Azarenkov, N.A.	Surface wave-supported gas discharge between two metal planes in an external magnetic field (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (1), pp. 57-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844543514&partnerID=40&md5=024aa598e9878bf0d1de15eaffe477c
Azarenkov, N.A. , Burmaka, V.I., Dolgoplov, M.V., Panchenko, I.P.	Influence of a hybrid-type resonance on propagation of surface waves along the interface of magneto-active plasma with metal (1999) Radiotekhnika i Elektronika, 44 (3), pp. 335-340.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033092738&partnerID=40&md5=bd10f3c707d15cfae4a274acabc0c2a0
Azarenkov, N.A. , Kondratenko, A.N., Tyshetskii, Yu.O.	Potential surface waves at the boundary of a metal with a magnetoactive plasma at finite pressure (1999) Technical Physics, 44 (11), pp. 1286-1289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033248240&partnerID=40&md5=355d2c51bd2abb4815b5cac28cc4b84

Azarenkov, N.A. , Galaïdyh, V.K., Olefir, V.P.	Surface waves of the potential type at the interface between a metal and an inhomogeneous medium (1999) Technical Physics, 44 (7), pp. 810-813.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033239063&partnerID=40&md5=01509a38f324491410cc004ca512cc0
Azarenkov, N.A. , Gapon, A.V., Denisenko, I.B., Smolyakov, A.I.	Influence of resonance energy absorption on the properties of gas discharge maintained by asymmetric surface waves (1999) Physica Scripta, 59 (4), pp. 298-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007372994&partnerID=40&md5=816544f0110e9162ac2e1dc42d610af2
Azarenkov, N.A. , Burmaka, V.I., Dolgoplov, M.V., Panchenko, I.P.	Influence of a Hybrid-Type Resonance on Propagation of Surface Waves along the Interface of Magneto-Active Plasma with Metal (1999) Journal of Communications Technology and Electronics, 44 (3), pp. 311-316.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041627359&partnerID=40&md5=73d078ff83b58932db58c4b7a300666
Azarenkov, N.A. , Ostrikov, K.N.	Surface magnetoplasma waves at the interface between a plasma-like medium and a metal in the Voigt geometry (1999) Physics Report, 308 (5-6), pp. 333-428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000947149&partnerID=40&md5=f3e133174831e26da04488550c7b761
Ostrikov, K.N., Yu, M.Y., Azarenkov, N.A.	Self-modulation of surface waves at a plasma-metal interface (1998) Physics of Plasmas, 5 (11), pp. 3849-3852.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242476750&partnerID=40&md5=467c180e6394ec61b1eb934ac8794819
Azarenkov, N.A. , Gapon, A.V., Denisenko, I.B.	Self-consistent modeling of high-frequency discharges sustained by azimuthally nonsymmetric surface waves (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 691-693.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230592&partnerID=40&md5=7b9c14ae2d5af8bf921cd27cb8c8e36
Azarenkov, N.A. , Denisenko, I.B., Tishetskiy, Yu.O.	Ion motion control by the field of ion-acoustic wave (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 658-660.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230956&partnerID=40&md5=fd265f320e3ff57d2e486639da300edf
Ostrikov, K.N., Yu, M.Y., Azarenkov, N.A.	Nonlinear effects of ionization on surface waves on a plasma-metal interface (1998) Journal of Applied Physics, 84 (8), pp. 4176-4179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013194718&partnerID=40&md5=ffa9c8d0b75bcfd1c8d04b5a08aa01f
Ostrikov, K.N., Yu, M.Y., Azarenkov, N.A.	Surface waves at the interface of a dusty plasma and a metallic wall (1998) Physical Review E - Statistical Physics, Plasmas, Fluids, and Related Interdisciplinary Topics, 58 (2 SUPPL. B), pp. 2431-2435.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037622421&partnerID=40&md5=5c30ecd196af96c5c5f14aa422495b32
Azarenkov, N.A. , Bizyukov, A.A., Gapon, A.V., Denisenko, I.B.	Control of ion beams by surface ion-acoustic wave fields (1998) Technical Physics Letters, 24 (2), pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032364699&partnerID=40&md5=ff798a19b66913513a387fa567fda4ef
Azarenkov, N.A. , Denisenko, I.B., Ostrikov, K.N.	Microwave gas discharge produced and sustained by a surface wave propagating along a cylindrical metal antenna with a dielectric coating (1998) Journal of Plasma Physics, 59 (PART 1), pp. 15-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031677717&partnerID=40&md5=3922c395fb6d3e854c73569ea59cbd9d
Azarenkov, N.A. , Galaïdyh, V.K.	Surface-type waves on the boundary of a metal with a plasma-molecular medium (1997) Technical Physics, 42 (12), pp. 1414-1416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020710541&doi=10.1134%2f1.1258888&partnerID=40&md5=0617373bdbc062a54bb8b32e2ab8b9f5
Azarenkov, N.A. , Girka, V.O., Kondratenko, A.M., Sporev, A.E.	Surface waves on the harmonics of the electron cyclotron frequency propagating along a plasma-metal interface (1997) Plasma Physics and Controlled Fusion, 39 (3), pp. 375-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031100764&doi=10.1088%2f0741-3335%2f39%2f3%2f004&partnerID=40&md5=519bbc89b8a7631e4a3f7b16d1341379
Azarenkov, N.A. , Girka, V.O., Sporev, A.E.	Surface cyclotron waves in a nonuniform plasma filled metal waveguide with dielectrical coating (1997) Physica Scripta, 55 (3), pp. 339-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041006376&partnerID=40&md5=45bce8bac2bd6967af4eb916f658bec8
Azarenkov, N.A. , Girka, V.A., Sporev, A.E.	Ion cyclotron surface waves at the plasma-metal interface (1997) Plasma Physics Reports, 23 (3), pp. 231-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031483594&partnerID=40&md5=67fbee8ded3600735b618509c83f8fbf
Azarenkov, N.A. , Denisenko, I.B., Ostrikov, K.N.	Antenna and feeder systems: Dispersion characteristics of cylindrical antenna in magnetoactive plasma (1996) Radiotekhnika i Elektronika, 41 (9), pp. 1050-1056.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748386368&partnerID=40&md5=95976c5e7b7fcaae33e46d43dea9e34c
Azarenkov, N.A. , Denisenko, I.B., Ostrikov, K.N.	Dispersion characteristics of a cylindrical antenna in magnetoactive plasma (1996) Journal of Communications Technology and Electronics, 41 (11), pp. 969-975.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030234535&partnerID=40&md5=0284c0e68ff25ecdcb54e7af3b68d408
Azarenkov, N.A. , Denisenko, I.B., Ostrikov, K.N.	Excitation of surface plasma waves in crossed electric and magnetic fields (1996) Plasma Physics Reports, 22 (3), pp. 226-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030556401&partnerID=40&md5=464e936ba5e1ac1a17c11a1e2689f277
Azarenkov, N.A. , Bizyukov, A.A.	Ion-plasma surface polishing in HF-reactors (1996) IEEE International Conference on Plasma Science, p. 250.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029702904&partnerID=40&md5=58864604c91910f4a2686d32f146c171
Azarenkov, N.A. , Girka, V.O., Sporev, A.E.	Surface cyclotron waves in planar metal waveguides with plasma filling (1996) IEEE International Conference on Plasma Science, p. 250.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029711826&partnerID=40&md5=be44a20a69eed31b688c07be9381937e
Azarenkov, N.A. , Girka, V.O., Ostrikov, K.N., Sidorenko, D.Yu.	Nonlinear interactions of azimuthal surface waves in magnetoactive plasma filled waveguides (1996) IEEE International Conference on Plasma Science, pp. 248-249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029717274&partnerID=40&md5=e056dcdb105b4502763c676527348897
Azarenkov, N.A. , Denisenko, I.B., Ostrikov, K.N.	A model of a large-area planar plasma producer based on surface wave propagation in a plasma-metal structure with a dielectric sheath (1995) Journal of Physics D: Applied Physics, 28 (12), pp. 2465-2469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029512072&doi=10.1088%2f0022-3727%2f28%2f12%2f011&partnerID=40&md5=843c8f3ad7da4d1abc50bda7eb15b964
Azarenkov, N.A. , Ostrikov, K.N., Kuzmenko, A.V.	Nonlinear theory of surface magnetoplasma waves propagating at a solid state plasma-metal interface (1995) Physica Scripta, 52 (6), pp. 668-672.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84970085008&doi=10.1088%2f0031-8949%2f52%2f6%2f010&partnerID=40&md5=c2a1358808553a5806d03d8569957437
Ostrikov, K.N., Osmayev, O.A., Azarenkov, N.A.	Two-channel waveguide modulator based on surface wave propagating in a semiconductor-metal thin-film structure (1995) Applied Physics A Materials Science & Processing, 61 (4), pp. 435-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029390418&doi=10.1007%2fBF01540120&partnerID=40&md5=f2384c6d8e419e503c56e2e128982829
Azarenkov, N.A. , Dolgoplov, M.V., Ostrikov, K.N.	Parametric excitation of high-frequency surface waves in a plasma-metal waveguide structure (1995) Plasma Physics and Controlled Fusion, 37 (5), pp. 513-523.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345990845&doi=10.1088%2f0741-3335%2f37%2f5%2f004&partnerID=40&md5=80a4755d38099890169e6f8fae31a21c
Ostrikov, K.N., Azarenkov, N.A. , Denisenko, I.B.	Resonant second harmonics generation of the submillimeter surface wave in the semiconductor superlattice bounded by a metal (1995) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 1, pp. 742-745.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029195352&partnerID=40&md5=7b0e61db1795beddfa84c296f485402f
Azarenkov, N.A. , Denisenko, I.B., Ostrikov, K.N.	Microwave plasma discharge produced and sustained by the surface wave propagating along a metal wire (1994) IEEE International Conference on Plasma Science, pp. 82-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028751643&partnerID=40&md5=af6c2e2ac2cfaed744f089015bdbf4e0
Azarenkov, N. , Ostrikov, K., Denisenko, I.	Nonlinear self-interaction of surface magnetoplasmons at the interface between a narrow-gap electron semiconductor and a metal (1994) Physica Scripta, 49 (4), pp. 502-508.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345990794&doi=10.1088%2f0031-8949%2f49%2f4%2f019&partnerID=40&md5=c1d19cb4264c5a8a515c7b8a11e193b5
Azarenkov, N.A. , Ostrikov, K.N.	Heating Mechanism of Self - Interaction of Potential Surface Waves in a Warm Nonisothermal Plasma Bounded by Metal (1994) Contributions to Plasma Physics, 34 (4), pp. 593-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984382673&doi=10.1002%2fcpp.2150340407&partnerID=40&md5=f11d8e3201e04ce015896c0b3079ca82

	Azarenkov, N.A. , Kondratenko, A.N., Ostrikov, K.N.	Surface waves in plasma-metal structures (review) (1993) Radiophysics and Quantum Electronics, 36 (5), pp. 213-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249768914&doi=10.1007%2F011091426&partnerID=40&md5=ed7e91338006621a5583c26d64dbf7ab
	Azarenkov, N.A. , Denisenko, I.B., Ostrikov, K.N.	Wave properties of a cylindrical antenna immersed in a magneto-active plasma (1993) Journal of Plasma Physics, 50 (3), pp. 369-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971124394&doi=10.1017%2F002237800017219&partnerID=40&md5=68edff40905f48e0c9148c42c36e5c6b
	Azarenkov, N.A. , Ostrikov, K.N., Osmayev, O.A.	Self-interaction of surface polaritons at the narrow-gap n-type semiconductor metal interface (1993) Solid State Communications, 85 (12), pp. 1065-1069.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027558968&doi=10.1016%2F0038-1098%2893%2990168-M&partnerID=40&md5=451138e878735e1753640e999dc9ac11
	Azarenkov, N.A. , Ostrikov, K.N.	Self-action of high-frequency surface waves in a magnetoactive planar plasma waveguide (1991) Soviet journal of communications technology & electronics, 36 (15), pp. 111-117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026402331&partnerID=40&md5=c3a1efef24d814ffc38d51477d75d364
	Azarenkov, N.A. , Ostrikov, K.N.	Generation of the third harmonic of a surface wave in a semiconductor-metal delay structure (1991) Radiophysics and Quantum Electronics, 34 (6), pp. 603-606.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249843048&doi=10.1007%2F010395908&partnerID=40&md5=4b2c146b4831fd057d81880d5cf2c0df
	Azarenkov, N.A. , Ostrikov, K.N.	Self-interaction of high-frequency surface waves in magnetoactive plasma planar waveguide (1991) Radiotekhnika i Elektronika, 36 (6), pp. 1161-1167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026175098&partnerID=40&md5=e0b035ce6907e8da591544c14374428d
	Azarenkov, N.A. , Ostrikov, K.N.	Third harmonic generation of the surface wave in the semiconductor-metal slowing-down structure (1991) Izvestiya VUZ: Radiofizika, 34 (6), pp. 724-728.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026175436&partnerID=40&md5=079765705036ca3cf79827c39d0d972
	Azarenkov, N.A. , Kondratenko, A.N., Ostrikov, K.N.	Resonant generation of the second harmonic of the surface wave at the plasma-metal boundary (1991) Izvestiya VUZ: Radiofizika, 34 (4), pp. 460-468.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026143411&partnerID=40&md5=c9e6e23fbc0569ca3c6b1b907bce0db9
	Azarenkov, N.A. , Ostrikov, K.N.	Potential Surface Waves in a Warm Nonisothermal Plasma Bounded by Metal (1991) Contributions to Plasma Physics, 31 (6), pp. 637-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984392369&doi=10.1002%2Fctpp.2150310607&partnerID=40&md5=c07ad5c81cada52ec6c7f457b690fe82
	Azarenkov, N.A. , Ostrikov, K.N., Shcherbinina, I.B.	Azimuthal surface waves in a coaxial semiconductor structure with metal walls (1991) Soviet journal of communications technology & electronics, 36 (2), pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025799271&partnerID=40&md5=765f92c42d2a6133d9983b9e7bf5bb4d
	Azarenkov, N.A. , Ostrikov, K.N.	Self-interaction of magnetoplasma surface waves at a plasma-metal boundary (1990) Soviet journal of communications technology & electronics, 35 (7), pp. 85-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025666261&partnerID=40&md5=84701bb81b8a8e7e3bb5746dae959939
	Azarenkov, N.A. , Kondratenko, A.N., Ostrikov, K.N.	Dispersion properties of surface waves in a two-layer plasma structure bounded by a metal (1990) Soviet journal of communications technology & electronics, 35 (12), pp. 73-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025566276&partnerID=40&md5=fa4d7e54fe096f61e4bc4cf5398f4e24
	Azarenkov, N.A. , Kondratenko, A.N.	Surface waves in gyrotropic plasma layers bounding a metal (1989) Soviet journal of communications technology & electronics, 34 (15), pp. 101-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024891977&partnerID=40&md5=e57c80ae6079bf31e7c3a7ff07c2d83
	Azarenkov, N.A. , Kostenko, V.V.	Dispersion properties of surface waves at the boundary of a plasma with a corrugated perfectly conducting metal (1988) Soviet journal of communications technology & electronics, 33 (8), pp. 32-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024056243&partnerID=40&md5=3824a867d48cb11a6d87ca95baa87bb9
	Azarenkov, N.A. , Dementiy, O.I., Kostenko, V.V.	Diagonal surface helicons at a plasma - metal boundary (1988) Soviet journal of communications technology & electronics, 33 (5), pp. 62-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024001862&partnerID=40&md5=cab5eb6dcae2876e98c3ffac3ebb755c
	Azarenkov, N.A. , Zaginaylov, G.I., Kondratenko, A.N.	DIFFRACTION AND EXCITATION OF SURFACE WAVES PROPAGATING AT A PLASMA-METAL BOUNDARY. (1987) Soviet journal of communications technology & electronics, 32 (1), pp. 105-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023166195&partnerID=40&md5=7741f3ad0a88f6c15268bc029b399a0
	Azarenkov, N.A. , Kostenko, V.V.	EXCITATION OF SURFACE WAVES AT A PLASMA-METAL BOUNDARY BY ELECTRON BEAMS. (1986) Soviet journal of communications technology & electronics, 31 (9), pp. 181-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022785890&partnerID=40&md5=8927a58123583a0d82df1132ae430386
	Azarenkov, N.A. , Drobachenko, O.V., Kondratenko, A.N., Olefir, V.P.	Diffraction theory of an electromagnetic wave obliquely incident on a plasma cylinder with spatial dispersion taken into account (1983) Radiophysics and Quantum Electronics, 26 (8), pp. 746-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020797391&doi=10.1007%2F01034889&partnerID=40&md5=9d2fa24953b9bf87cb369fc3483d9d
	Azarenkov, N.A. , Kondratenko, A.N., Olefir, V.P.	THEORY OF DIFFRACTION OF ELECTROMAGNETIC WAVES BY A PLASMA SPHERE INCLUDING SPATIAL DISPERSION. (1983) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 28 (7), pp. 16-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020777644&partnerID=40&md5=b10501a7ce7e3e5aca482211994e6bec
	Azarenkov, N.A. , Kuklin, V.M.	THEORY OF ELECTROMAGNETIC WAVE SCATTERING BY THE SURFACE. (1980) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 25 (8), pp. 83-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019044806&partnerID=40&md5=e4787a51fbbfb442e41a26eb325e5d
	Azarenkov, N.A. , Vorob'ev, V.M., Kondratenko, A.N.	Scattering of electromagnetic waves by proper waves in a semiinfinite plasma (1980) Radiophysics and Quantum Electronics, 23 (7), pp. 515-521.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019041717&doi=10.1007%2F01033812&partnerID=40&md5=097fafdcdff66da1ee5b4c793b1e723b
	Azarenkov, N.A. , Kondratenko, A.N.	Excitation of longitudinal waves in a semibounded plasma by obliquely incident electromagnetic waves (1978) Radiophysics and Quantum Electronics, 21 (9), pp. 865-867.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018012611&doi=10.1007%2F01031716&partnerID=40&md5=0f1f82b45984ae2673d8e9ae963ee108
	Azarenkov, N.A. , Kondratenko, A.N.	Anomalous wave transformation in thin plasma layers (1977) Radiophysics and Quantum Electronics, 20 (2), pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017452611&doi=10.1007%2F01034194&partnerID=40&md5=893d874dd0b01f1f8f5d6911338dad18
6	Hadi, M.A., Roknuzzaman, M., Chrones, A., Naqib, S.H., Islam, A.K.M.A., Vovk, R.V. , Ostrikov, K.	Elastic and thermodynamic properties of new (Zr3-xTix)AlC2 MAX-phase solid solutions (2017) Computational Materials Science, 137, pp. 318-326.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020727745&doi=10.1016%2Fj.commatsci.2017.06.007&partnerID=40&md5=c9a4cd0d836411a8b14393b992cf9900
	Vovk, R.V. , Khadzha, G.Y., Dobrovolskiy, O.V., Kamchatnaya, S.N., Pinto Simoes, V.M.	Conductivity relaxation in strongly underdoped YBa2Cu3O7- δ single crystals (2017) Physica B: Condensed Matter, 518, pp. 47-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020085125&doi=10.1016%2Fj.physb.2017.05.020&partnerID=40&md5=0eeec0ee89f87a19f11a7ac1cdf90e84d
	Solovjov, A.V., Omelchenko, L.V., Vovk, R.V. , Kamchatnaya, S.N.	Pseudogap and fluctuation conductivity in Y1-xPrxBa2Cu3O7- δ single crystals with different praseodymium content (2017) Fizika Nizkikh Temperatur, 43 (7), pp. 1050-1058.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020717955&partnerID=40&md5=05d36410f1f5b6b9f94b15f2fb40fc8d
	Christopoulos, S.-R.G., Sgourou, E.N., Angeletos, T., Vovk, R.V. , Chrones, A., Lontos, C.A.	The C10i(SII)2 defect in silicon: density functional theory calculations (2017) Journal of Materials Science: Materials in Electronics, 24 (14), pp. 10295-10297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017186587&doi=10.1007%2F010854-017-6797-6&partnerID=40&md5=789ce8d0f5284f2db2d2fb0939871252
	Boiko, Y.I., Bogdanov, V.V., Vovk, R.V. , Kamchatnaya, S.N., Goulatis, I.L., Chrones, A.	Relaxation of the electric resistance in YBa2Cu3O7-x single crystals at room temperature (2017) Modern Physics Letters B, 31 (16), art. no. 1750179, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019709424&doi=10.1142%2F0217984917501792&partnerID=40&md5=413b5a7d52e0ff21184d2b3bb513a483
	Vovk, R.V. , Boiko, Y.I., Bogdanov, V.V., Kamchatnaya, S.N., Goulatis, I.L., Chrones, A.	Different diffusion mechanisms of oxygen in ReBa2Cu3O7-x (Re = Y, Ho) single crystals (2017) Physica C: Superconductivity and its Applications, 536, pp. 26-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018503378&doi=10.1016%2Fj.physc.2017.04.001&partnerID=40&md5=4e14176fe5ec49723887fb483856cd7e
	Savich, S.V., Samoylov, A.V., Kamchatnaya, S.N., Dobrovolskiy, O.V., Vovk, R.V. , Solovjov, A.L., Omelchenko, L.V.	Suppression of the order-disorder transition in Ti-doped YBaCuO compounds (2017) Journal of Materials Science: Materials in Electronics, pp. 1-5. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018464091&doi=10.1007%2F010854-017-6936-0&partnerID=40&md5=008dd3f3a95716e74c1d5bd7d21d97bbe
	Vovk, R.V. , Khadzha, G.Y., Goulatis, I.L., Kamchatnaya, S.N., Chrones, A.	Diffusion of the superconducting transition in HTSC (2017) Journal of Materials Science: Materials in Electronics, pp. 1-4. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017024623&doi=10.1007%2F010854-017-6864-z&partnerID=40&md5=4862a085efbac3a7afe9ae76cf470dc9

	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Nazarov, Z.F., Kamchatnaya, S.N.	Effect of hydrostatic pressure on the conductivity of YBa ₂ Cu ₃ O _{7-δ} single crystals in a broad range of temperature and oxygen content (2017) Solid State Communications, 255-256, pp. 20-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015250562&doi=10.1016%2Fj.ssc.2017.02.009&partnerID=40&md5=c80788e1424ce95b8794dcaaf17cc
	Dobrovolskiy, O.V., Sosedkin, V.V., Sachser, R., Shklovskiy, V.A., Vovk, R.V., Huth, M.	Zero-Bias Shapiro Steps in Asymmetric Pinning Nanolandscapes (2017) Journal of Superconductivity and Novel Magnetism, 30 (3), pp. 735-741.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981165401&doi=10.1007%2F10948-016-3642-8&partnerID=40&md5=0643077f1adac85b79785e17bc1394c
	Savich, S.V., Samoilov, A.V., Kamchatnaya, S.N., Goulatis, I.L., Vovk, R.V., Chroneos, A., Solovjov, A.L., Omelchenko, L.V.	Effect of Hafnium Impurities on the Magnetoresistance of YBa ₂ Cu ₃ O _{7-δ} (2017) Journal of Low Temperature Physics, 186 (3-4), pp. 285-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996537926&doi=10.1007%2F10909-016-1703-9&partnerID=40&md5=a984eabc64816d2dafd03f3e538b8355
	Panayiotatos, Y., Vovk, R.V., Chroneos, A.	Gold and silver diffusion in germanium: a thermodynamic approach (2017) Journal of Materials Science: Materials in Electronics, 28 (2), pp. 1966-1970.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989186506&doi=10.1007%2F10854-016-5750-4&partnerID=40&md5=2e38d22ef2dfb289d30def096cbcd94c
	Gevorkyan, E., Mechnik, V., Bondarenko, N., Vovk, R., Lytovchenko, S., Chishkala, V., Melnik, O.	Peculiarities of obtaining diamond-(Fe-Cu-Ni-Sn) composite materials by hot pressing (2017) Functional Materials, 24 (1), pp. 31-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016435503&doi=10.15407%2Ffm.24.01.031&partnerID=40&md5=06005fcb0cb6b5dcb6b90d00f137ce3a
	Biletskyi, V.I., Bogdanov, V.V., Boyko, Y.I., Vovk, R.V., Khadzhai, G.Y., Goulatis, I.L., Chroneos, A.I.	Electrophysical properties of nanoporous cerium dioxide–water system (2017) Journal of Materials Science: Materials in Electronics, 28 (2), pp. 2157-2159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990853011&doi=10.1007%2F10854-016-5780-y&partnerID=40&md5=4a7af3d87ee23b53b65eb487e9165d9f
	Solovjov, A.L., Omelchenko, L.V., Stepanov, V.B., Vovk, R.V., Habermeier, H.-U., Lochmayer, H., Przysłupski, P., Rogacki, K.	Specific temperature dependence of pseudogap in YBa ₂ Cu ₃ O _{7-δ} nanolayers (2016) Physical Review B, 94 (22), art. no. 224505, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006246941&doi=10.1103%2FPhysRevB.94.224505&partnerID=40&md5=c7f93203d07e414b6c1af71904fb5d9
	Hadi, M.A., Vovk, R.V., Chroneos, A.	Physical properties of the recently discovered Zr ₂ (Al _{1-x} Bix)C MAX phases (2016) Journal of Materials Science: Materials in Electronics, 27 (11), pp. 11925-11933.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978817921&doi=10.1007%2F10854-016-5338-z&partnerID=40&md5=b793feab8571c6e04f59e7c148d1424
	Christopoulos, S.-R.G., Parfitt, D.C., Sgourou, E.N., Londos, C.A., Vovk, R.V., Chroneos, A.	Relative concentrations of carbon related defects in silicon (2016) Journal of Materials Science: Materials in Electronics, 27 (11), pp. 11268-11272.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976350900&doi=10.1007%2F10854-016-5249-z&partnerID=40&md5=4f79f0eb0bf66dc566c72c52124722328
	Solov'ev, A.L., Vovk, R.V.	On the 30-th anniversary of the discovery of high-temperature superconductivity (2016) Low Temperature Physics, 42 (10), pp. 837-839.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995387832&doi=10.1063%2F1.4965894&partnerID=40&md5=f777371b93ac59ee309b6eb756c741c6
	Boiko, Y.I., Bogdanov, V.V., Khadzhai, G.Y., Savich, S.V., Vovk, R.V.	Single-file diffusion of oxygen ions in the compound YBa ₂ Cu ₃ O _{7-x} (2016) Low Temperature Physics, 42 (10), pp. 936-939.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995459779&doi=10.1063%2F1.4965896&partnerID=40&md5=bbe19f5721a76646de09da8b0335ca75
	Boiko, Y.I., Bogdanov, V.V., Khadzhai, G.Y.A., Savich, S.V., Vovk, R.V.	Single-file diffusion of oxygen ions in YBa ₂ Cu ₃ O _{7-x} compound (2016) Fizika Nizkikh Temperatur, 42 (10), pp. 1192-1197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989237433&partnerID=40&md5=ea3e14ae0da8f77f8150564b3794b00
	Khadzhai, G.Y.A., Nazarov, Z.F., Vovk, R.V.	The role of twins in the change of the conductivity characteristics of HoBa ₂ Cu ₃ O _{7-δ} single crystal in a reversible change of hydrostatic pressure (2016) Fizika Nizkikh Temperatur, 42 (9), pp. 943-950.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983627607&partnerID=40&md5=7112f08b028a6e10e23e24d0b4b49a3b
	Khadzhai, G.Y., Nazarov, Z.F., Vovk, R.V.	Role of twins in variations in the conductivity characteristics of single-crystal HoBa ₂ Cu ₃ O _{7-σ} during reversible changes in hydrostatic pressure (2016) Low Temperature Physics, 42 (9), pp. 739-744.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990923308&doi=10.1063%2F1.4963326&partnerID=40&md5=be808f24c80b60f21199578364bad556
	Kamchatnaya, S.N., Goulatis, I.L., Vovk, R.V., Chroneos, A.I.	Modification by high pressure of fluctuation paraconductivity of underdoped HoBa ₂ Cu ₃ O _{7-δ} single crystals (2016) Journal of Materials Science: Materials in Electronics, 27 (8), pp. 8013-8019.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963720972&doi=10.1007%2F10854-016-4797-6&partnerID=40&md5=d657bcb5670ef2f326701cad733cdc
	Solovjov, A.L., Omelchenko, L.V., Vovk, R.V., Dobrovolskiy, O.V., Nazarov, Z.F., Kamchatnaya, S.N., Sergeev, D.M.	Hydrostatic-pressure effects on the pseudogap in slightly doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2016) Physica B: Condensed Matter, 493, pp. 58-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964669653&doi=10.1016%2Fphysb.2016.04.015&partnerID=40&md5=75a354f36e9d4426a276e16d39f20d3
	Solovjov, A.L., Omelchenko, L.V., Terekhov, A.V., Rogacki, K., Vovk, R.V., Khybov, E.P., Chroneos, A.	Fluctuation conductivity and possible pseudogap state in FeAs based superconductor EuFeAsO _{0.85} Fe _{0.15} (2016) Materials Research Express, 3 (7), art. no. 076001, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981555622&doi=10.1088%2F2053-1591%2F3%2F7%2F076001&partnerID=40&md5=8fa96538a92f2b3f69bbf94d2b32694e
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Kamchatnaya, S.N., Chroneos, A.	Modification of superconducting and resistive properties of HoBa ₂ Cu ₃ O _{7-δ} single crystals under application-removal of high hydrostatic pressure (2016) Modern Physics Letters B, 30 (17), art. no. 1650188, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976527810&doi=10.1142%2F107984916501888&partnerID=40&md5=98bad935f0c953ec45fed018d245e048
	Christopoulos, S.-R.G., Parfitt, D.C., Sgourou, E.N., Londos, C.A., Vovk, R.V., Chroneos, A.	Controlling A-center concentration in silicon through isovalent doping: mass action analysis (2016) Journal of Materials Science: Materials in Electronics, 27 (5), pp. 4385-4391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8495585663&doi=10.1007%2F10854-016-4308-9&partnerID=40&md5=c54687ba9615d3a0cf6330800dd1f0c
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Kamchatnaya, S.N., Nazarov, Z.F.	Electric Charge Transfer and Scattering of Its Carriers in Cuprates of the 1–2–3 System (2016) Journal of Low Temperature Physics, 183 (1-2), pp. 59-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961286740&doi=10.1007%2F10909-016-1513-0&partnerID=40&md5=911beb5231fc8625841e4b8111b41f9b
	Savich, S.V., Samoilov, A.V., Vovk, R.V., Dobrovolskiy, O.V., Kamchatnaya, S.N., Dolgoplova, Y.V., Chernovol-Tkachenko, O.A.	Excess conductivity and the pseudogap state in Hf-doped YBa ₂ Cu ₃ O _{7-δ} ceramics (2016) Modern Physics Letters B, 30 (4), art. no. 1650034, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959213929&doi=10.1142%2F107984916500342&partnerID=40&md5=58571d6c5fcb308a6b22ab0f976f7bd
	Solovjov, A.L., Omelchenko, L.V., Vovk, R.V., Dobrovolskiy, O.V., Kamchatnaya, S.N., Sergeev, D.M.	Peculiarities in the pseudogap behavior in optimally doped YBa ₂ Cu ₃ O _{7-δ} single crystals under pressure up to 1 GPa (2016) Current Applied Physics, 16 (9), pp. 931-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979499855&doi=10.1016%2Fcap.2016.05.014&partnerID=40&md5=443fb0dc5e2a5c25966d4fabf867a016
	Tiutierieva, K.V., Zavgorodnya, N.M., Dovgoplova, Y.V., Chernovol-Tkachenko, O.O., Vovk, R.V., Chroneos, A.	Effect of longitudinal magnetic field on the excess conductivity of monodomain YBa ₂ Cu ₃ O _{7-δ} single crystals (2016) Functional Materials, 23 (2), pp. 170-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976371579&doi=10.15407%2Ffm.23.02.170&partnerID=40&md5=4234650d5c69e553e20b5be5fe9566b7
	Tiutierieva, K.V., Dovgoplova, Y.V., Chernovol-Tkachenko, O.O., Ivriy, I.L., Vovk, R.V., Prihod'ko, S.I.	Effect of pressure on paraconductivity in HoBa ₂ Cu ₃ O _{7-δ} single crystals with oxygen deficiency (2016) Functional Materials, 23 (3), pp. 370-377.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992503538&doi=10.15407%2Ffm.23.03.370&partnerID=40&md5=48540c52c4c42142351adef457be6794
	Savich, S.V., Samoilov, A.V., Samsonik, A.L., Sukhov, V.N., Tiutierieva, K.V., Rusulovich, A.I., Vovk, R.V., Boynik, A.B., Chroneos, A.	Conductivity of YBCO ceramics in a wide range of temperatures and hafnium impurities concentrations (2016) Functional Materials, 23 (1), pp. 21-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962140745&doi=10.15407%2Ffm.23.01.021&partnerID=40&md5=014fa7ea86d044dad2307002f485c118
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Nazarov, Z.F., Chroneos, A.	Transverse resistance in HoBa ₂ Cu ₃ O _{7-δ} single crystals (2015) Modern Physics Letters B, 29 (35-36), art. no. 1550232, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954386557&doi=10.1142%2F107984915502322&partnerID=40&md5=4162663bde1d3ac52d8c1d2905f83299
	Khadzhai, G.Y., Vovk, R.V., Nazarov, Z.F.	Transverse resistance of YBa ₂ Cu ₃ O _{7-δ} single crystals with different oxygen deficiency (2015) Low Temperature Physics, 41 (11), pp. 874-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949567306&doi=10.1063%2F1.4934948&partnerID=40&md5=b05f1d94645eb502f6d76a3c42ac87a6
	Chroneos, A., Vovk, R.V.	Oxygen diffusion in germanium: interconnecting point defect parameters with bulk properties (2015) Journal of Materials Science: Materials in Electronics, 26 (10), pp. 7378-7380.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941944309&doi=10.1007%2F10854-015-3367-7&partnerID=40&md5=c58230d74d72fab6f4dc721ccc32e4f
	Vovk, R.V., Khadzhai, G.Y.A., Dobrovolskiy, O.V., Nazarov, Z.F., Chroneos, A.	Influence of planar and point defects on the basal-plane conductivity of HoBaCuO single crystals (2015) Physica C: Superconductivity and its Applications, 516, pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947218048&doi=10.1016%2Fphysc.2015.06.011&partnerID=40&md5=3a1d632cc6694893ca9298cee27d8bfcf
	Vovk, R.V., Dobrovolskiy, O.V., Nazarov, Z.F., Kotvitskaya, K.A., Chroneos, A.	Effect of Structural Relaxation on the Metal–Insulator Transition in Heavily Underdoped YBa ₂ Cu ₃ O _{7-δ} Single Crystals (2015) Journal of Low Temperature Physics, 180 (3-4), pp. 277-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931575272&doi=10.1007%2F10909-015-1304-z&partnerID=40&md5=fa7f68a546151367953f7e8cca30bdd

Chroneos, A., Vovk, R.V.	Connecting bulk properties of germanium with the behavior of self- and dopant diffusion (2015) Materials Science in Semiconductor Processing, 36, pp. 179-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927918312&doi=10.1016%2Fj.mssp.2015.03.053&partnerID=40&md5=9c5ed9eb2120a04fd8ae2a7919146f53
Chroneos, A., Vovk, R.V.	Palladium diffusion in germanium (2015) Journal of Materials Science: Materials in Electronics, 26 (6), pp. 3787-3789.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939958855&doi=10.1007%2Ff10854-015-2903-9&partnerID=40&md5=66d8af2edc8e9ccf848eed4edd77d601
Vovk, R.V. , Maievskiy, E.	Effect of long aging on the resistivity properties of optimally doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2015) IEEE Transactions on Applied Superconductivity, 25 (3), art. no. 6963319, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922385767&doi=10.1109%2Ftasc.2014.2369745&partnerID=40&md5=ca09559f1538d466c89f12f05549627d
Chroneos, A., Panayiotatos, Y., Vovk, R.V.	Copper diffusion in germanium: connecting point defect parameters with bulk properties (2015) Journal of Materials Science: Materials in Electronics, 26 (5), pp. 2693-2696.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8493980156&doi=10.1007%2Ff10854-015-2744-6&partnerID=40&md5=38471178f1a0c3f382f0195338ccef44
Chroneos, A., Vovk, R.V.	Silicon diffusion in germanium described by connecting point defect parameters with bulk properties (2015) Materials Research Express, 2 (3), art. no. 036301, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940463355&doi=10.1088%2F2f053-1591%2F2f2f3%2F036301&partnerID=40&md5=b98447a9dcd70fccd5554bf80c553f4d
Chroneos, A., Vovk, R.V.	Modeling indium diffusion in germanium by connecting point defect parameters with bulk properties (2015) Journal of Materials Science: Materials in Electronics, 26 (4), pp. 2113-2116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925498895&doi=10.1007%2Ff10854-014-2655-y&partnerID=40&md5=92b95e871b1d7d52667e6f9ff556e62b
Chroneos, A., Vovk, R.V.	Modeling self-diffusion in UO ₂ and ThO ₂ by connecting point defect parameters with bulk properties (2015) Solid State Ionics, 274, pp. 1-3.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924078671&doi=10.1016%2Fj.ssi.2015.02.010&partnerID=40&md5=62e0c06742d30a03252ab04d0bd97b0a
Biletskyi, V.I., Chashka, K.B., Sokolov, A.N., Vovk, R.V.	The effect of high pressure on the electrical resistivity of 2H-NbSe<inf>2</inf>-single crystals intercalated with deuterium (2015) Low Temperature Physics, 41 (7), pp. 514-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938079541&doi=10.1063%2F1.4927314&partnerID=40&md5=e57a31b65800a1c39b1c793e973542f9
Vovk, R.V. , Khadzhai, G.Ya., Dobrovolskiy, O.V.	Resistive measurements of the pseudogap in lightly Pr-doped Y1-xPrxBa ₂ Cu ₃ O _{7-δ} single crystals under high hydrostatic pressure (2015) Solid State Communications, 204, pp. 64-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920124820&doi=10.1016%2Fj.ssc.2014.12.008&partnerID=40&md5=30777a83dbce0269a049382fd9f9798da
Khadzhai, G.Ya., Vovk, R.V. , Nazyrov, Z.F.	Transversal electric resistance of the YBa ₂ Cu ₃ O _{7-δ} single crystals at the different values of oxygen deficit (2015) Fizika Nizkikh Temperatur, 41 (11), pp. 1119-1125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943384511&partnerID=40&md5=cc4d8d0e7ee62552f3f5d1b1c9a828e
Biletskyi, V.I., Chashka, Kh.B., Sokolov, A.N., Vovk, R.V.	The effect of high pressure on temperature dependence of electrical resistance of the 2H-NbSe<inf>2</inf>-single crystals intercalated with deuterium (2015) Fizika Nizkikh Temperatur, 41 (7), pp. 660-663.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930466937&partnerID=40&md5=da03fcc75efd66784cd85f9d7257bc03
Vovk, R.V. , Khadzhai, G.Y., Dobrovolskiy, O.V., Vovk, N.R., Nazyrov, Z.F.	Effect of defects on the basal-plane resistivity of YBa ₂ Cu ₃ O<gt;7-δ and Y1-yPrYBa ₂ Cu ₃ O _{7-x} single crystals (2015) Journal of Materials Science: Materials in Electronics, 26 (3), pp. 1435-1440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925485954&doi=10.1007%2Ff10854-014-2558-y&partnerID=40&md5=d285d197cffi18fc215d91d3e3cf8e36
Vovk, R.V. , Khadzhai, G.Ya., Dobrovolskiy, O.V., Nazyrov, Z.F., Chroneos, A.	Transverse resistance of YBa ₂ Cu ₃ O _{7-δ} single crystals (2015) Current Applied Physics, 15 (5), pp. 617-621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924116405&doi=10.1016%2Fj.cap.2015.02.016&partnerID=40&md5=79efe4ce3fad21014382db4a61e1b66e
Khadzhai, G.Y., Vovk, N.R., Vovk, R.V. , Savich, S.V., Kislitsa, M., Kotvitskaya, K.A., Morozov, V.S., Leniv, J.G., Timofeev, S.S.	Effect of high pressure on conductivity in the basal plane of Y1-xPrxBa ₂ Cu ₃ O _{7-δ} single crystals lightly doped of praseodymium (2015) Functional Materials, 22 (1), pp. 5-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963734773&doi=10.15407%2Ffmf.2015.01.005&partnerID=40&md5=9d667044e2a53353c31a3b016e6f7799
Vovk, R.V. , Khadzhai, G.Y., Dobrovolskiy, O.V.	Transverse resistance in Y1-yPrYBa ₂ Cu ₃ O _{7-δ} at large praseodymium concentrations (2014) Physica B: Condensed Matter, 451, pp. 84-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904535615&doi=10.1016%2Fj.physb.2014.06.034&partnerID=40&md5=ced158fc77dff162492c4c4e0a8fd53
Khadzhai, G.Y., Vovk, R.V.	Electron transport and stability of the oxygen subsystem of YBa ₂ Cu ₃ O ₇ (2014) Low Temperature Physics, 40 (12), pp. 1044-1047.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923646466&doi=1.4903998&partnerID=40&md5=95be893612f3ee526fbb5651c9a66c82
Vovk, R.V. , Khadzhai, G.Y., Dobrovolskiy, O.V.	Phase segregation and the effect of high pressure on the electro-transport in Y _{0.95} Pr _{0.05} Ba ₂ Cu ₃ O _{7-δ} single crystals (2014) Modern Physics Letters B, 28 (17), art. no. 1450142, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903974131&doi=10.1142%2Fm2f1028286
Solovjov, A.L., Tkachenko, M.A., Vovk, R.V. , Chroneos, A.	Fluctuation conductivity and pseudogap in HoBa ₂ Cu ₃ O _{7-δ} single crystals under pressure with transport current flowing under an angle 45° to the twin boundaries (2014) Physica C: Superconductivity and its Applications, 501, pp. 24-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898875701&doi=10.1016%2Fj.physc.2014.03.004&partnerID=40&md5=1b82d56f1c14ce0d8894a752455b4ea0
Vovk, R.V. , Khadzhai, G.Y., Dobrovolskiy, O.V., Nazyrov, Z.F., Goulatis, I.L.	Transverse conductivity in Y1-yPrYBa ₂ Cu ₃ O _{7-δ} single crystals (2014) Materials Research Express, 1 (2), art. no. 026303, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910152058&doi=10.1088%2F2f053-1591%2F1%2F2f2f026303&partnerID=40&md5=7af09e810e989c9a94f20b1c30a29fd7
Vovk, R.V. , Vovk, N.R., Dobrovolskiy, O.V.	Effect of structural relaxation on the in-plane electrical resistance of oxygen-underdoped ReBa ₂ Cu ₃ O _{7-δ} (Re = Y, Ho) single crystals (2014) Journal of Low Temperature Physics, 175 (3-4), pp. 614-630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900656528&doi=10.1007%2Ff10909-014-1121-9&partnerID=40&md5=6dc24a9b22247ce72fd3ed714aa20188
Chroneos, A., Londos, C.A., Sgourou, E.N., Vovk, R.V.	Strategies to suppress A-center formation in silicon and germanium from a mass action analysis viewpoint (2014) Journal of Materials Science: Materials in Electronics, 25 (3), pp. 1388-1392.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894649727&doi=10.1007%2Ff10854-014-1739-z&partnerID=40&md5=c52cff0fa131bec3f630f6d0472722a7
Vovk, R.V. , Khadzhai, G.Ya., Goulatis, I.L., Chroneos, A.	Fluctuation conductivity of oxygen underdoped YBa ₂ Cu ₃ O _{7-δ} single crystals (2014) Physica B: Condensed Matter, 436, pp. 88-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890520289&doi=10.1016%2Fj.physb.2013.11.056&partnerID=40&md5=4e296e9b99695f09808f1fcf1068e2e5
Vovk, R.V. , Vovk, N.R., Goulatis, I.L., Chroneos, A.	Effect of long aging on the resistivity properties of aluminum doped YBa ₂ Cu _{3-y} Al _y O _{7-δ} single crystals with a given twin boundary topology (2014) Journal of Low Temperature Physics, 174 (3-4), pp. 214-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893653751&doi=10.1007%2Ff10909-013-0959-6&partnerID=40&md5=26ebee8c9ceab9ddfd24666c3e7d3a079
Khadzhai, G.Ya., Vovk, R.V.	Electron transport and stability of oxygen subsystem of YBa ₂ Cu ₃ O _{7-δ} single crystals at the prolonged exposure to the air (2014) Fizika Nizkikh Temperatur, 40 (12), pp. 1343-1347.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908672682&partnerID=40&md5=447359949caac6d532692ab4f9cc70bf
Nazyrov, Z.F., Popova, A.V., Vovk, R.V.	Aging-effect in optimal doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2014) Functional Materials, 21 (4), pp. 394-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919961793&partnerID=40&md5=908c3eac145bc1638a093246e1b81a1fc
Khadzhai, G.Y., Vovk, R.V. , Vovk, N.R.	Scattering of electrons in oxygen underdoped YBa ₂ Cu ₃ O _{7-x} single crystals (2014) Functional Materials, 21 (2), pp. 137-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903456874&partnerID=40&md5=e5fa77da06ff5a4d8c92fbf11b848800
Vovk, R.V. , Khadzhai, G.Y., Dobrovolskiy, O.V.	Transverse conductivity in Pr(Formula presented.) single crystals in a wide range of praseodymium concentrations (2014) Applied Physics A: Materials Science and Processing, 117 (3), pp. 997-1002.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910152461&doi=10.1007%2Ff00339-014-8670-2&partnerID=40&md5=7a675993844eb4da7c560f0b4389a1f2
Khadzhai, G.Y., Vovk, N.R., Vovk, R.V.	Conductivity of single-crystal <inf>1-y</inf>-pr<inf>y</inf>-ba<inf>2</inf>-cu<inf>3</inf>-o<inf>7-δ</inf> over a wide range of temperatures and pr concentrations (2014) Low Temperature Physics, 40 (6), pp. 488-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929580649&doi=10.1063%2F1.4881197&partnerID=40&md5=75ef6d649396b8f2ceb9e08de28e661c6
Khadzhai, G.Y., Vovk, N.R., Vovk, R.V.	Conductivity of Y1-yPrYBa ₂ Cu ₃ O _{7-δ} single crystals in wide ranges of temperatures and Pr concentrations (2014) Fizika Nizkikh Temperatur, 40 (6), pp. 630-635.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899857582&partnerID=40&md5=7a0209cb85390804bd3b3ba37d229e56
Lotnik, D.A., sokolv, A.V., Vovk, R.V.	Structure lamination influence on the magnetic flux dynamics in YBa ₂ Cu ₃ O _{7-δ} single crystals (2014) Functional Materials, 21 (1), pp. 5-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897407789&partnerID=40&md5=67e30e7a64398b2438460578fe8e9964

Vovk, R.V., Khadzhai, G.Ya., Dobrovolskiy, O.V.	Conductivity anisotropy in Y$1-y$-Pry-Ba2-Cu3-O$7-δ$ single crystals in a wide range of praseodymium concentrations (2014) Modern Physics Letters B, 28 (31), art. no. 1450245, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929589721&doi=10.1142%2F0217984914502455&partnerID=40&md5=30bb8d960cd37120b6f60cd3424258f9
Khadzhai, G.Y., Sclyar, V.V., Vovk, R.V., Dovhopolova, Y.V., Chornovol-Tkachenko, O.O.	Effect of pressure on the critical temperature of single-crystal Y0.95-Pr$1-0.05$-Ba2-Cu3-O$7-δ$ with a specified planar defect geometry (2014) Low Temperature Physics, 40 (8), pp. 699-701.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929620875&doi=10.1063%2F1.4894321&partnerID=40&md5=f412e0788e4826cdd363552ea5061c5d
Khadzhai, G.Ya., Sclyar, V.V., Vovk, R.V., Dovhopolova, Ya.V., Chornovol-Tkachenko, O.O.	The effect of high pressure on critical temperature of Y 0.95Pr0.05Ba2Cu3O7-δ single crystals with a given topology of planar defects (2014) Fizika Nizkikh Temperatur, 40 (8), pp. 900-903.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903951814&partnerID=40&md5=4bc16f7935242e43e1ba77ae3a687e17
Vovk, R.V., Vovk, N.R., Khadzhai, G.Ya., Dobrovolskiy, O.V., Nazrov, Z.F.	Effect of high pressure on the fluctuation paraconductivity in Y0.95Pr0.05Ba2Cu3O7-δ single crystals (2014) Current Applied Physics, 14 (12), pp. 1779-1782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908387363&doi=10.1016%2Fj.cap.2014.10.002&partnerID=40&md5=45db0811c2d2a31b7732a661cd3901f6
Vovk, R.V., Vovk, N.R., Khadzhai, G.Y., Dobrovolskiy, O.V., Nazrov, Z.N.	Evolution of the electrical resistance of YBa2Cu3O7-δ single crystals in the course of long-term aging (2014) Journal of Materials Science: Materials in Electronics, 25 (12), pp. 5226-5230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911936358&doi=10.1007%2F10854-014-2292-5&partnerID=40&md5=94b1e0268f7bbd2e58c9c05307bbe29a
Vovk, R.V., Vovk, N.R., Khadzhai, G.Ya., Goulatis, I.L., Chronos, A.	Effect of praseodymium on the electrical resistance of YBa 2Cu3O7-δ single crystals (2014) Solid State Communications, 190, pp. 18-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899752177&doi=10.1016%2Fj.ssc.2014.04.004&partnerID=40&md5=703797cf993bcd7c2217b7a7240ebca1
Vovk, R.V., Vovk, N.R., Dobrovolskiy, O.V.	Aging effect on electrical conductivity of pure and Al-doped YBa 2Cu3O7-δ single crystals with a given topology of planar defects (2013) Advances in Condensed Matter Physics, 2013, art. no. 931726, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890045352&doi=10.1155%2F2013%2F931726&partnerID=40&md5=b5241f68355f286b271426515ac8f975
Vovk, R.V., Samoilov, A.V., Goulatis, I.L., Chronos, A.	Influence of intrinsic pinning on the resistive properties of YBa 2Cu3O7-δ single crystals (2013) Modern Physics Letters B, 27 (30), art. no. 1350220, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888375602&doi=10.1142%2F0217984913502205&partnerID=40&md5=bfade80a22411432e5f20ce2dfeccd7d
Vovk, R.V., Goulatis, I.L., Chronos, A.	Relaxation effect of pressure on the pseudogap in oxygen underdoped HoBa2Cu3O7-δ single crystals (2013) Journal of Materials Science: Materials in Electronics, 24 (12), pp. 5127-5131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890370501&doi=10.1007%2F10854-013-1534-2&partnerID=40&md5=562a466cd4b023b4bfee0b417de2ee58
Vovk, R.V., Vovk, N.R., Samoilov, A.V.	Effect of praseodymium doping on electroresistivity along c-axis in Y1-xPrxBa2Cu3O7-δ single crystals (2013) Functional Materials, 20 (4), pp. 457-461.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891758595&partnerID=40&md5=1419b4de2e652e9578d1ec9e45b6e89
Vovk, R.V., Vovk, N.R., Goulatis, I.L., Chronos, A.	Coexistence of different types of transverse conductivity in Y 1-xPrxBa2Cu3 O7-δ single crystals with different praseodymium concentrations (2013) Modern Physics Letters B, 27 (27), art. no. 1350198, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886938347&doi=10.1142%2F0217984913501984&partnerID=40&md5=7d4a48afd923d1e921f9d6258925392
Vovk, R.V., Nazryov, Z.F., Khadzhai, G.Y., Pinto Simoes, V.M., Kruglyak, V.V.	Effect of transverse and longitudinal magnetic field on the excess conductivity of YBa2Cu3-zAlzO7-g single crystals with a given topology of plane defects (2013) Functional Materials, 20 (2), pp. 208-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882667030&partnerID=40&md5=b4df4ca14114d4bb88a1e9d2b3e01f6a
Vovk, R.V., Vovk, N.R., Goulatis, I.L., Chronos, A.	Evolution of the metal-insulator transition in oxygen nonstoichiometric YBa2Cu3O7-δ single crystals under pressure (2013) Journal of Materials Science: Materials in Electronics, 24 (8), pp. 3132-3135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881481963&doi=10.1007%2F10854-013-1221-3&partnerID=40&md5=066675ef3d304ac79747aaf7431d01e0
Vovk, R.V., Vovk, N.R., Khadzhai, G.Y., Goulatis, I.L., Chronos, A.	Effect of high pressure on the electrical resistivity of optimally doped YBa2Cu3O7-δ single crystals with unidirectional planar defects (2013) Physica B: Condensed Matter, 422, pp. 33-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878290033&doi=10.1016%2Fj.physb.2013.04.032&partnerID=40&md5=3121841dfb99a1a2eae7b64391353164
Vovk, R.V., Vovk, N.R., Shekhovtsov, O.V., Goulatis, I.L., Chronos, A.	C-axis hopping conductivity in heavily Pr-doped YBCO single crystals (2013) Superconductor Science and Technology, 26 (8), art. no. 085017, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880254240&doi=10.1088%2F0953-2048%2F26%2F8%2F085017&partnerID=40&md5=e8eb5a6aa0ad6c5843b3a4d35ba4d998
Khadzhai, G.Y., Vovk, R.V., Vovk, N.R.	Electrical resistance relaxation induced by high pressure in single crystals of YBa2Cu3O7-δ (2013) Low Temperature Physics, 39 (6), pp. 530-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879496605&doi=10.1063%2F1.4811255&partnerID=40&md5=f42bc1e69cf09efecce466fbfd666baf
Khadzhai, G.Ya., Vovk, R.V., Vovk, N.R.	Induced by high pressure the relaxation of the electrical resistance of YBa2Cu3O7-δ Single crystals (2013) Fizika Nizkikh Temperatur, 39 (6), pp. 684-689.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877258417&partnerID=40&md5=bb6b0b3400bf22017076a9a579b3f166
Vovk, R.V., Nazzyrov, Z.F., Goulatis, I.L., Chronos, A.	Temperature dependence of the pseudogap in Y1-zPr zBa2Cu3O7-δ single crystals (2013) Journal of Materials Science: Materials in Electronics, 24 (4), pp. 1146-1149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876463632&doi=10.1007%2F10854-012-0897-0&partnerID=40&md5=3c95671e1e74c5ea5b86eed6cfff237aa
Vovk, R.V., Nazzyrov, Z.F., Goulatis, I.L., Chronos, A.	Metal-to-insulator transition in Y1-xPrxBa 2Cu3O7-δ single crystals with various praseodymium contents (2013) Physica C: Superconductivity and its Applications, 485, pp. 89-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870170175&doi=10.1016%2Fj.physc.2012.09.017&partnerID=40&md5=30e5cc56d5d2b6e0b2681282b3e81f9b
Vovk, R.V., Nazzyrov, Z.F., Goulatis, I.L., Chronos, A., Pinto Simoes, V.M.	Metal-insulator transition and the temperature of the pseudogap anomaly opening in praseodymium doped Y1-zPrzBa2Cu 3O7-δ single crystals (2013) Modern Physics Letters B, 27 (4), art. no. 1350029, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872737888&doi=10.1142%2F0217984913500292&partnerID=40&md5=590e7c266e12e605af087f16656eafeb
Vovk, R.V., Nazzyrov, Z.F., Goulatis, I.L., Chronos, A.	Effect of praseodymium concentration on the excess conductivity near the critical temperature of Y1-z Pr z Ba2Cu 3O7-δ single crystals (2013) Journal of Low Temperature Physics, 170 (3-4), pp. 216-222.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876285535&doi=10.1007%2F10909-012-0755-8&partnerID=40&md5=a2815f3e56398dd2c770a2f2ede1ba1
Vovk, R.V., Vovk, N.R., Samoilov, A.V., Goulatis, I.L., Chronos, A.	Effect of long aging on the resistivity properties of optimally doped YBa2Cu3O7-δ single crystals (2013) Solid State Communications, 170, pp. 6-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884826213&doi=10.1016%2Fj.ssc.2013.07.011&partnerID=40&md5=129ac1101bb388e5c1342075db53ffbd
Chronos, A., Parfitt, D., Vovk, R.V., Goulatis, I.L.	Optimizing oxygen diffusion in cathode materials for solid oxide fuel cells (2012) Modern Physics Letters B, 26 (30), art. no. 1250196, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867812621&doi=10.1142%2F0217984912501965&partnerID=40&md5=3c5bf08e32891bc0fc9dc55f2ca7086d
Vovk, R.V., Khadzhai, G.Y., Nazzyrov, Z.F.	Evolution of normal electrical resistance in oxygen underdoped Ho-1Ba2Cu3O7-δ single crystals in the process of application-removal of high hydrostatic pressure (2012) Functional Materials, 19 (4), pp. 452-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876300615&partnerID=40&md5=3b4b16b3479a72ef713b16f498f34673
Biletskiy, Y., Baghi, H., Steele, J., Vovk, R.	A rule-based system for hybrid search and delivery of learning objects to learners (2012) Interactive Technology and Smart Education, 9 (4), pp. 263-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992957221&doi=10.1108%2F17415651211284048&partnerID=40&md5=f018fab575944d331d3d328315e2a08fa
Vovk, R.V., Khadzhai, G.Y., Nazzyrov, Z.F., Goulatis, I.L., Chronos, A.	Relaxation of the normal electrical resistivity induced by high-pressure in strongly underdoped YBa 2Cu 3O 7-δ single crystals (2012) Physica B: Condensed Matter, 407 (22), pp. 4470-4472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866740785&doi=10.1016%2Fj.physb.2012.07.049&partnerID=40&md5=c80696ccbf4d45527a36b2393951667d
Vovk, R.V., Nazzyrov, Z.F., Goulatis, I.L., Chronos, A.	Localization effect and pseudogap in praseodymium doped Y 1-zPr zBa 2Cu 3O 7-δ Single crystals (2012) Modern Physics Letters B, 26 (25), .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866113582&doi=10.1142%2F0217984912501631&partnerID=40&md5=4d1c53cd476d4b8a27db2e2cf5b5540d
Vovk, R.V., Nazzyrov, Z.F., Vovk, N.R., Kruglyak, V.V., Ogrin, F.Y.	Anisotropy of magnetoresistance in untwinned YBa 2Cu 3O 7-δ single crystals (2012) Functional Materials, 19 (2), pp. 157-162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863773591&partnerID=40&md5=80de8c86772633e1aadd423c58d1dfcc
Obolenskiy, M.A., Balla, D.D., Zavgorodniy, A.A., Vovk, R.V., Nazzyrov, Z.F., Goulatis, I.L., Januszczak, M., Latosinska, J.N.	Compression changes in electrical resistance and critical temperature of Nb1-xSe2Snx single crystals (2012) Acta Physica Polonica A, 122 (1), pp. 159-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863623173&partnerID=40&md5=3d7ac5f18fa036279d329d458db12b0
Vovk, R.V., Obolenskii, M.A., Nazzyrov, Z.F., Goulatis, I.L., Chronos, A., Pinto Simoes, V.M.	Electro-transport and structure of 1-2-3 HTSC single crystals with different plane defects topologies (2012) Journal of Materials Science: Materials in Electronics, 23 (6), pp. 1255-1259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861935722&doi=10.1007%2F10854-011-0582-8&partnerID=40&md5=9e8bfbc450994ca66cc0ec79b63406ec

	Vovk, R.V., Khadzhai, G.Y., Obolenskii, M.A.	Evolution of the electrical resistance of YBa ₂ Cu ₃ O _{7-δ} with $\delta \approx 0.45$ under high hydrostatic pressures (2012) Low Temperature Physics, 38 (3), pp. 255-257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859029000&doi=10.1063%2f1.3693587&partnerID=40&md5=b508ccf80aceef8cb066a9ab9184843d
	Chroneos, A., Vovk, R.V., Goulatis, I.L.	Oxygen self-diffusion in apatites (2012) Monatshefte fur Chemie, 143 (3), pp. 345-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859008494&doi=10.1007%2fs00706-011-0696-y&partnerID=40&md5=7550dbfc3ded4e7fa3000c38a4101464
	Solovjov, A.L., Tkachenko, M.A., Vovk, R.V., Obolenskii, M.A.	Peculiarities of fluctuation conductivity and pseudogap behavior in slightly doped HoBa ₂ Cu ₃ O _{7-δ} single crystals under pressure (2011) Low Temperature Physics, 37 (10), pp. 840-842.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855274624&doi=10.1063%2f1.3670027&partnerID=40&md5=be75c5b03b64c5056d34d067f82e3f4c
	Vovk, R.V., Nazyrov, Z.F., Obolenskii, M.A., Zavgorodniy, A.A., Pinto Simoes, V.M.	Conductivity anisotropy in Y _{1-x} Pr _x ZrBa ₂ Cu ₃ O _{7-δ} single crystals with different praseodymium content (2011) Functional Materials, 18 (4), pp. 423-427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856753448&partnerID=40&md5=96bc23b5f90bfdb5b8773c1efdd1251
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Nazyrov, Z.F., Goulatis, I.L., Kruglyak, V.V., Chroneos, A.	Influence of longitudinal magnetic field on the fluctuation conductivity in slightly Al-doped YBa ₂ Cu ₃ -zAlO _{7-δ} single crystals with a given topology of plane defects (2011) Modern Physics Letters B, 25 (27), pp. 2131-2136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052865469&doi=10.1142%2fS0217984911027327&partnerID=40&md5=f4d0669d825e70bb87f809c581604e84
	Solovjov, A.L., Tkachenko, M.A., Vovk, R.V., Obolenskii, M.A.	Peculiarities of fluctuation conductivity and pseudogap behavior in slightly doped HoBa ₂ Cu ₃ O _{7-δ} single-crystals under pressure (2011) Fizika Nizkikh Temperatur (Kharkov), 37 (9-10), pp. 1053-1056.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052812464&partnerID=40&md5=e5a0c9ac89eca016292519614069e4f
	Vovk, R.V., Nazyrov, Z.F., Obolenskii, M.A., Simoes, V.M.P., Januszczek, M., Latosińska, J.N.	Effect of oxygen redistribution on temperature dependence of pseudo-gap in underdoped HoBa ₂ Cu ₃ O _{7-δ} single crystals (2011) Acta Physica Polonica A, 120 (3), pp. 512-515.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052217775&partnerID=40&md5=38ef642f7b8d10a38605632f21c0
	Vovk, R.V., Nazyrov, Z.F., Obolenskii, M.A., Goulatis, I.L., Chroneos, A., Pinto Simoes, V.M.	Phase separation in oxygen deficient HoBa ₂ Cu ₃ O _{7-δ} single crystals: Effect of high pressure and twin boundaries (2011) Philosophical Magazine, 91 (17), pp. 2291-2302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956154898&doi=10.1080%2f014786435.2011.552893&partnerID=40&md5=e8f432ed124ac2ad1ca6d6a64d67e5c0
	Chroneos, A.I., Vovk, R.V., Goulatis, I.L., Nazyrov, Z.F., Pinto Simoes, V.M., Januszczek, M., Latosińska, J.N.	Vacancy-fluorine clusters in silicon (2011) Acta Physica Polonica A, 119 (6), pp. 774-777.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79958169308&partnerID=40&md5=80e9c182abc6437fdd1d624e3e8e97cd
	Vovk, R.V., Nazyrov, Z.F., Obolenskii, M.A., Goulatis, I.L., Chroneos, A., Simoes, V.M.P.	Effect of small oxygen deficiency on the para-coherent transition and 2D-3D crossover in untwinned YBa ₂ Cu ₃ O _{7-δ} single crystals (2011) Journal of Alloys and Compounds, 509 (13), pp. 4553-4556.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952281966&doi=10.1016%2fj.jallcom.2011.01.102&partnerID=40&md5=4b0a0bc0e495fcd9a70a576759c08383
	Vovk, R.V., Zavgorodniy, A.A., Obolenskii, M.A., Goulatis, I.L., Chroneos, A., Pinto Simoes, V.M.	Effect of high pressure on the metal-dielectric transition and the pseudo-gap temperature range in oxygen deficient YBa ₂ Cu ₃ O _{7-δ} single crystals (2011) Journal of Materials Science: Materials in Electronics, 22 (1), pp. 20-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650693364&doi=10.1007%2f10854-010-0076-0&partnerID=40&md5=9fe1330495896057310d45d5085f3b4c
	Zavgorodniy, A.A., Vovk, R.V., Obolenskii, M.A., Samoilov, A.V., Revyakina, M.G., Biletskiy, Y.V., Pinto Simoes, V.M.	Metal - dielectric transition and temperature dependence of the pseudo-gap in YBa ₂ Cu ₃ O _{7-δ} single crystals: Effect of pressure and oxygen nonstoichiometry (2010) Functional Materials, 17 (2), pp. 143-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888214013&partnerID=40&md5=089fb06727a53bc6195e9464ca9e1ec6
	Lotnyk, D.A., Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Kováč, J., Antal, V., Kaňuchová, M., Šeříková, M., Diko, P., Feher, A., Chroneos, A.	Evolution of the Fishtail-effect in pure and Ag-doped MG-YBCO (2010) Journal of Low Temperature Physics, 161 (3-4), pp. 387-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78049363757&doi=10.1007%2f10909-010-0198-z&partnerID=40&md5=69d838490feb0fa523efa44a35dc8dd7
	Vovk, R.V., Zavgorodniy, A.A., Obolenskii, M.A., Goulatis, I.L., Chroneos, A., Simoes, V.M.P.	Influence of high pressure on the temperature-dependence of the pseudo-gap in oxygen deficient YBa ₂ Cu ₃ O _{7-δ} single crystals (2010) Modern Physics Letters B, 24 (22), pp. 2295-2301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956162464&doi=10.1142%2fS0217984910024675&partnerID=40&md5=e6f7e268679c9ac5d9e89f5dd51961ee
	Chroneos, A., Vovk, R.V., Goulatis, I.L., Goulatis, I.L.	Oxygen transport in perovskite and related oxides: A brief review (2010) Journal of Alloys and Compounds, 494 (1-2), pp. 190-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649188073&doi=10.1016%2fj.jallcom.2010.01.071&partnerID=40&md5=04a834bdd144e53378446803c775a89c
	Biletska, O., Biletskiy, Y., Li, H., Vovk, R.	A semantic approach to expert system for e-Assessment of credentials and competencies (2010) Expert Systems with Applications, 37 (10), pp. 7003-7014.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81355163441&doi=10.1016%2fj.eswa.2010.03.018&partnerID=40&md5=5e526a7f562ae947d12f6f25068f0a58
	Zavgorodniy, A.A., Vovk, R.V., Obolenskii, M.A., Samoilov, A.V.	Magnetoresistance and 2D-3D crossover in aluminum-doped YBa ₂ Cu ₃ -zAlO _{7-δ} single crystals with a system of unidirectional twinning boundaries (2010) Low Temperature Physics, 36 (1), art. no. 012001LTP, pp. 115-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950688079&doi=10.1063%2f1.3292281&partnerID=40&md5=d630acbb3a46d91a667141739c8cb6cf4
	Zavgorodniy, A.A., Vovk, R.V., Obolenskii, M.A., Samoilov, A.V.	Magnetoresistance and 2D-3D crossover in aluminium-doped YBa ₂ Cu ₃ -zAlO _{7-δ} single crystals with the system of unidirectional twin boundaries (2010) Fizika Nizkikh Temperatur (Kharkov), 36 (1), pp. 143-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949156794&partnerID=40&md5=ec5c29716612a4079bdace3cbb9c5cc
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Lotnyk, D.A., Kotvitskaya, K.A.	Temperature dependence of the pseudogap in aluminum and praseodymium-doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2009) Physica B: Condensed Matter, 404 (20), pp. 3516-3518.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71849116347&doi=10.1016%2fj.physb.2009.05.047&partnerID=40&md5=a065f1a8436b2fd1ded6c8cb5ac4a13
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Goulatis, I.L., Chroneos, A., Biletskiy, E.V.	Resistive investigation of pseudogap state in non-stoichiometric ReBa ₂ Cu ₃ O _{7-δ} (Re = Y, Ho) single crystals with account for BCS-BEC crossover (2009) Journal of Alloys and Compounds, 485 (1-2), pp. L21-L23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72049083980&doi=10.1016%2fj.jallcom.2009.05.132&partnerID=40&md5=abf227facd335ac3178d03d72b62874f
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Goulatis, I.L., Beletskii, V.I., Chroneos, A.	Structural relaxation, metal-to-insulator transition and pseudo-gap in oxygen deficient N _x Cu _{1-x} Y _{1-x} Ba ₂ Cu ₃ O _{7-δ} single crystals (2009) Physica C: Superconductivity and its Applications, 469 (5-6), pp. 203-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62249114124&doi=10.1016%2fj.physc.2009.01.011&partnerID=40&md5=680b6fededcb7995bd9ae7cefb296f29d
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Goulatis, I.L., Chroneos, A.I., Pinto Simoes, V.M.	Incoherent transport and pseudo-gap in HoBa ₂ Cu ₃ O _{7-δ} single crystals with different oxygen content (2009) Journal of Materials Science: Materials in Electronics, 20 (9), pp. 858-860.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68249111444&doi=10.1007%2f10854-008-9806-y&partnerID=40&md5=d0c4dd85bc749b2f9de3415fc50220e0
	Vovk, R.V., Obolenskii, M.A., Bondarenko, A.V., Goulatis, I.L., Samoilov, A.V., Chroneos, A., Simoes, V.M.P.	Transport anisotropy and pseudo-gap state in oxygen deficient ReBa ₂ Cu ₃ O _{7-δ} (Re = Y, Ho) single crystals (2008) Journal of Alloys and Compounds, 464 (1-2), pp. 58-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49949103582&doi=10.1016%2fj.jallcom.2007.10.040&partnerID=40&md5=75559b1bc8c4516eb125a0ed871f434
	Bondarenko, A.V., Zavgorodniy, A.A., Lotnik, D.A., Obolenskii, M.A., Vovk, R.V., Biletskiy, Y.	Creep and depinning of vortices in a nontwinned y Ba ₂ Cu ₃ O _{6.87} single crystal (2008) Low Temperature Physics, 34 (7), pp. 508-514.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249117115&doi=10.1063%2f1.2957002&partnerID=40&md5=1d09f9b02828dc2acc4c3901e5401bbf
	Bondarenko, A.V., Zavgorodniy, A.A., Lotnik, D.A., Obolenskii, M.A., Vovk, R.V., Biletskiy, Y.	Creep and depinning of vortices in nontwinned YBa ₂ Cu ₃ O _{6.87} single crystal (2008) Fizika Nizkikh Temperatur (Kharkov), 34 (7), pp. 645-652.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46449111833&partnerID=40&md5=1312d878e5f783f5c2f87395b3765aa5
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Bondarenko, A.V., Goulatis, I.L., Samoilov, A.V., Chroneos, A.	Effect of high pressure on the fluctuation conductivity and the charge transfer of YBa ₂ Cu ₃ O _{7-δ} single crystals (2008) Journal of Alloys and Compounds, 453 (1-2), pp. 69-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40349116192&doi=10.1016%2fj.jallcom.2006.11.169&partnerID=40&md5=c71ce0ac86b685e0774e64a44fe1ec7
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Bondarenko, A.V., Goulatis, I.L., Chebotayev, N.N.	Effect of the redistribution of labile oxygen on the pseudogap state in untwinned single crystal y Ba ₂ Cu ₃ O _{7-x} (2007) Low Temperature Physics, 33 (8), pp. 710-712.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547910350&doi=10.1063%2f1.2746848&partnerID=40&md5=f345ab3c30344c84bb10b670214dde05
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Bondarenko, A.V., Goulatis, I.L., Chroneos, A.	Excess conductivity and pseudo-gap state in YBCO single crystals slightly doped with Al and Pr (2007) Journal of Materials Science: Materials in Electronics, 18 (8), pp. 811-815.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249868495&doi=10.1007%2f10854-006-9086-3&partnerID=40&md5=781b8144786c58cc41d20a3ca402bb61
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Bondarenko, A.V., Goulatis, I.L., Chebotayev, N.N.	Effect of redistribution of labile oxygen on the pseudogap state in untwinned YBa ₂ Cu ₃ O _{7-x} single crystals (2007) Fizika Nizkikh Temperatur (Kharkov), 33 (8), pp. 931-934.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547673266&partnerID=40&md5=1a0d57a934fb88bb2479a9e9063fe568
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Bondarenko, A.V., Revyakina, M.G.	Anisotropy of the normal resistivity and suppression of superconductivity at twin boundaries in HoBa ₂ Cu ₃ O _{7-δ} single crystals with different oxygen content (2007) Low Temperature Physics, 33 (5), pp. 408-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250186796&doi=10.1063%2f1.2737548&partnerID=40&md5=c3c892df8c2977d12f266231574cc7d7
	Chroneos, A., Goulatis, I.L., Vovk, R.V.	Atomic scale models for RBa ₂ Cu ₃ O _{6.5} and R _{1-x} Pr _x Ba ₂ Cu ₃ O _{6.5} compounds (R=Y and lanthanides) (2007) Acta Chimica Slovenica, 54 (1), pp. 179-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247542182&partnerID=40&md5=ac821c1268092e2d06ee7690bf9aa061

Vovk, R.V. , Obolensky, M.A., Zavgorodniy, A.A., Bondarenko, A.V., Revyakina, M.G.	Anisotropy of normal electrical conductivity and superconductivity quenching on twin boundaries in HoBa ₂ Cu ₃ O 7-δ single crystals of different oxygen content (2007) Fizika Nizkikh Temperatur (Kharkov), 33 (5), pp. 546-551.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147159835&partnerID=40&md5=6486867d55686e2d67fde1b68239b4c0
Vovk, R.V. , Obolenskii, M.A., Bondarenko, A.V.	Redistribution of carriers in oxygen-underdoped Y1Ba ₂ Cu ₃ O _{7-δ} at high hydrostatic pressure (2007) Low Temperature Physics, 33 (1), art. no. 94-96. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846993404&doi=10.1063%2f1.2424645&partnerID=40&md5=8a59d345da1ecfb9c60fa289096ff98b
Vovk, R.V. , Obolenskii, M.A., Bondarenko, A.V.	Redistribution of carriers in oxygen underdoped y1Ba ₂ Cu ₃ O _{7-δ} single crystals at high hydrostatic pressure (2007) Fizika Nizkikh Temperatur (Kharkov), 33 (1), pp. 126-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845743368&partnerID=40&md5=72dacc280fe24e3264eeb7bda6dcb184
Vovk, R.V. , Obolenskii, M.A., Bondarenko, A.V., Goulatis, I.L., Chronos, A.	Excess conductivity of Y0.95Pr0.05Ba ₂ Cu ₃ O _{7-x} single crystals (2007) Acta Physica Polonica A, 111 (1), pp. 129-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847302036&partnerID=40&md5=ec7815c88f40241e44cc26608407ed75
Vovk, R.V. , Obolenskii, M.A., Bondarenko, A.V., Goulatis, I.L., Levy, M.R., Chronos, A.	Scattering processes of normal and fluctuating carriers in ReBa ₂ Cu ₃ O _{7-δ} (Re = Y, Ho) single crystals with unidirectional twin boundaries (2007) Acta Physica Polonica A, 111 (1), pp. 123-128.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847307578&partnerID=40&md5=600e669b096488a9b05a252e3a74e614
Obolenskii, M.A., Vovk, R.V. , Bondarenko, A.V.	Evolution of the pseudogap state in weakly praseodymium-doped Y 1-zPrzBa ₂ Cu ₃ O _{7-δ} single crystals with a specified topology of planar defects (2006) Low Temperature Physics, 32 (12), pp. 1131-1134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845780495&doi=10.1063%2f1.2400687&partnerID=40&md5=4417b631e62d78fcd9b83ff2e5f0267
Smith, D.H.S., Vovk, R.V. , Williams, C.D.H., Wyatt, A.F.G.	Interactions between phonon sheets in superfluid helium (2006) New Journal of Physics, 8, art. no. 128. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746903570&doi=10.1088%2f1367-2630%2f8%2f8%2f128&partnerID=40&md5=2c39dd5720fa01905df12a24f601bb88
Obolenskii, M.A., Vovk, R.V. , Bondarenko, A.V.	Effect of high pressure on fluctuation conductivity of oxygen deficient YBa ₂ Cu ₃ O _{7-δ} single crystals (2006) Fizika Nizkikh Temperatur (Kharkov), 32 (6), pp. 802-805.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745747021&partnerID=40&md5=c533076d38674c1f59ec212f472151c
Obolenskii, M.A., Vovk, R.V. , Bondarenko, A.V.	Influence of high pressure on the fluctuation conductivity of YBa ₂ Cu ₃ O _{7-δ} single crystals with an oxygen deficiency (2006) Low Temperature Physics, 32 (6), art. no. 011606LTP, pp. 614-616.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745646126&doi=10.1063%2f1.2215378&partnerID=40&md5=3da14d3ee9e6f9521347468564bf59ca
Obolenskii, M.A., Vovk, R.V. , Bondarenko, A.V., Chebotaev, N.N.	Localization effects and pseudogap state in YBa ₂ Cu ₃ O _{7-δ} single crystals with different oxygen content (2006) Low Temperature Physics, 32 (6), art. no. 006606LTP, pp. 571-575.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745671353&doi=10.1063%2f1.2215373&partnerID=40&md5=7a4b4acf096f19e27f56e789d78e04d6
Obolenskii, M.A., Vovk, R.V. , Bondarenko, A.V., Chebotaev, N.N.	Localization effects and pseudogap state in YBa ₂ Cu ₃ O _{7-δ} single crystals with different oxygen content (2006) Fizika Nizkikh Temperatur (Kharkov), 32 (6), pp. 746-752.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745759815&partnerID=40&md5=08c25b8f312e13c26e6f90a63870670c
Smith, D.H.S., Vovk, R.V. , Williams, C.D.H., Wyatt, A.F.G.	Pressure dependence of phonon interactions in liquid He4 (2005) Physical Review B - Condensed Matter and Materials Physics, 72 (5), art. no. 054506. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644952249&doi=10.1103%2fPhysRevB.72.054506&partnerID=40&md5=9dcac5f2517edf213ba62c524d1cef14
Adamenko, I.N., Nemchenko, K.E., Slipko, V.A., Vovk, R.V. , Williams, C.D.H., Wyatt, A.F.G.	Spatial evolution of pulses of low-energy phonons in liquid 4He (2005) Journal of Molecular Liquids, 120 (1-3), pp. 163-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144399322&doi=10.1016%2fj.molliq.2004.07.061&partnerID=40&md5=6f90a0996afedeaca427873888aaf23d
Vovk, R.V. , Williams, C.D.H., Wyatt, A.F.G.	High-energy phonon pulses in liquid 4He (2004) Physical Review B - Condensed Matter and Materials Physics, 69 (14), art. no. 144524, pp. 144524-1-144524-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42749104039&doi=10.1103%2fPhysRevB.69.144524&partnerID=40&md5=f82a647d2fdabb561ae831934a5658b8
Vovk, R.V. , Williams, C.D.H., Wyatt, A.F.G.	Interactions between Sheets of Phonons in Liquid 4He (2003) Physical Review Letters, 91 (23), pp. 2353021-2353024.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346055546&partnerID=40&md5=f9ea490e55f9575a5e53016e60613348
Vovk, R.V. , Williams, C.D.H., Wyatt, A.F.G.	Angular distribution of a pulse of low-energy phonons in liquid 4He (2003) Physical Review B - Condensed Matter and Materials Physics, 68 (13), art. no. 134508, pp. 1345081-1345085.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344464843&partnerID=40&md5=0003a45c1fa63f8f72924f42ca2f3ce3
Bondarenko, A.V., Prodan, A.A., Obolenskii, M.A., Vovk, R.V. , Arouri, T.R.	Anisotropy of the flux creep in the motion of vortices along twin-boundary planes in YBa ₂ Cu ₃ O _{7-x} single crystals (2001) Low Temperature Physics, 27 (5), pp. 339-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23044525181&doi=10.1063%2f1.1374717&partnerID=40&md5=703a00b961d63b7509b6d86f75991798
Bondarenko, A.V., Prodan, A.A., Obolenskii, M.A., Vovk, R.V. , Arouri, T.R.	Anisotropy of creep for vortex motion along twin planes in YBa ₂ Cu ₃ O _{7-x} single crystals (2001) Fizika Nizkikh Temperatur (Kharkov), 27 (5), pp. 463-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035267382&partnerID=40&md5=dc53c9aa859c88832cf38f2cc056b952
Bondarenko, A.V., Revyakina, M.G., Prodan, A.A., Obolenskii, M.A., Vovk, R.V. , Arouri, T.R.	Anisotropy of vortex creep in YBa ₂ Cu ₃ O _{7-x} single crystals with unidirectional twin boundaries (2001) Fizika Nizkikh Temperatur (Kharkov), 27 (3), pp. 275-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035276032&partnerID=40&md5=dc9e6e3831cd653bc42343f6284f07b3
Obolenskii, M.A., Balla, D.D., Bondarenko, A.V., Vovk, R.V. , Prodan, A.A., Ivanova, T.F.	Relaxation of electric resistance in single crystal YBaCuO caused by hydrostatic pressure and jump-like temperature variations (1999) Fizika Nizkikh Temperatur (Kharkov), 25 (12), pp. 1259-1264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033337850&partnerID=40&md5=f031a5640fd1359bd445e4f6ab02ced7
Obolenskii, M.A., Balla, D.D., Bondarenko, A.V., Vovk, R.V. , Prodan, A.A., Ivanova, T.F.	Relaxation of the electric resistance of YBaCuO single crystals due to hydrostatic pressure and jumpwise temperature variation (1999) Low Temperature Physics, 25 (12), pp. 943-947.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27744577196&doi=10.1063%2f1.593845&partnerID=40&md5=45788706e8e0fca568fd9b5e813451e
Bondarenko, A.V., Prodan, A.A., Obolenskii, M.A., Vovk, R.V. , Pissas, M., Kallias, G., Niarchos, D., Arouri, T.R.	Current-voltage characteristics in the vicinity of the fishtail peak in YBa ₂ Cu ₃ O _{6.95} single crystals (1999) Physica C: Superconductivity and its Applications, 317-318, pp. 655-657.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243353451&doi=10.1016%2fS0921-4534%2899%2900166-5&partnerID=40&md5=ec47b641612041fc18035da70ce8666f8
Obolenskii, M.A., Bondarenko, A.V., Shklovskij, V.A., Vovk, R.V. , Prodan, A.A.	Resistive investigations of creep controlled by plastic deformation of vortex lattice (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (1), p. 74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342988276&partnerID=40&md5=bdc3fab38c68b6e9d281b5955bc2cb6
Bondarenko, A.V., Shklovskij, V.A., Obolenskii, M.A., Vovk, R.V. , Prodan, A.A., Pissas, M., Niarchos, D., Kallias, G.	Resistivity investigations of plastic vortex creep in YBa ₂ Cu ₃ O _{6.95} crystals (1998) Physical Review B - Condensed Matter and Materials Physics, 58 (5), pp. 2445-2447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000670504&partnerID=40&md5=87070a16102d6ed2d3a52705ae2007e2
Obolenskii, M.A., Bondarenko, A.V., Shklovskij, V.A., Vovk, R.V. , Prodan, A.A.	Resistive studies of creep controlled by plastic deformation of a vortex lattice (1998) Low Temperature Physics, 24 (1), pp. 53-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21944432107&partnerID=40&md5=0bb16b844f50c9abcfb8b15860da7ecf
Bondarenko, A.V., Shklovskij, V.A., Vovk, R.V. , Obolenskii, M.A., Prodan, A.A.	Pinning and dynamics of magnetic flux in YBaCuO single crystals for vortex motion along twin boundaries (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (12), p. 1288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244291365&partnerID=40&md5=e0b06a0655757b93ab29fb8cee5c5ccc
Balla, D.D., Bondarenko, A.V., Vovk, R.V. , Obolenskii, M.A., Prodan, A.A.	Effect of hydrostatic pressure on resistance and critical temperature of YBa ₂ Cu ₃ O _{7-δ} single crystals (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (10), p. 1040.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244223964&partnerID=40&md5=b04ae1a175bdcf52b0c22330dfce738
Bondarenko, A.V., Shklovskij, V.A., Vovk, R.V. , Obolenskii, M.A., Prodan, A.A.	Pinning and dynamics of magnetic flux in YBaCuO single crystals for vortex motion along twin boundaries (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (12), pp. 1281-1288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031379499&partnerID=40&md5=ce76ed8ea0956e514189929232eaab2e
Bondarenko, A.V., Shklovskij, V.A., Vovk, R.V. , Obolenskii, M.A., Prodan, A.A.	Pinning and dynamics of magnetic flux in YBaCuO single crystals for vortex motion along twin boundaries (1997) Low Temperature Physics, 23 (12), pp. 962-967.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844503318&partnerID=40&md5=a3e1a5970b348647be11327d7eec088b
Obolenskii, M.A., Bondarenko, A.V., Vovk, R.V. , Prodan, A.A.	Resistive relaxation processes in oxygen-deficient single crystals of YBa ₂ Cu ₃ O _{7-δ} (1997) Low Temperature Physics, 23 (11), pp. 882-885.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745755001&partnerID=40&md5=624bc221303c1e10363c35fb6f1905ca
Obolenskii, M.A., Bondarenko, A.V., Vovk, R.V. , Prodan, A.A.	Resistive relaxation processes in oxygen deficient single crystal YBa ₂ Cu ₃ O _{7-δ} (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (11), pp. 1178-1182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031275439&partnerID=40&md5=cb1a0898c4b8f019045e899d2912a19a

7	Toporensky, A.V., Zaslavskii, O.B.	Redshift of a photon emitted along the black hole horizon (2017) European Physical Journal C, 77 (3), art. no. 179, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016151999&doi=10.1140%2fepjc%2f10052-017-4747-3&partnerID=40&md5=d19c41ad774bed6938129a411b8d5b0
	Zaslavskii, O.B.	Super-Penrose process due to collisions inside ergosphere (2017) International Journal of Modern Physics D, 26 (2), art. no. 1750009, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979653115&doi=10.1142%2fIJMPD1817500092&partnerID=40&md5=e55d6b972d6e74aefb5f8c10713510f5
	Zaslavskii, O.B.	Black hole with a scalar field as a particle accelerator (2017) International Journal of Modern Physics D, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018428613&doi=10.1142%2fIJMPD1817501085&partnerID=40&md5=0305e823840efeb3292d7e708c259384
	Zaslavskii, O.B.	High energy particle collisions near black holes (2016) EPJ Web of Conferences, 125, art. no. 03023, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016274793&doi=10.1051%2fepjconf%2f12503023&partnerID=40&md5=33f5cd2fe228f248b47c535a46c97e10
	Zaslavskii, O.B.	Equatorial geodesics in ergoregion of dirty black holes and zero energy observers (2016) General Relativity and Gravitation, 48 (10), art. no. 132, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987620706&doi=10.1007%2f10714-016-2130-6&partnerID=40&md5=be263200db0f585ddec9f770fc563cd
	Zaslavskii, O.B.	Maximum efficiency of the collisional Penrose process (2016) Physical Review D, 94 (6), art. no. 064048, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990998504&doi=10.1103%2fPhysRevD.94.064048&partnerID=40&md5=78e22f65e0f44487992c06036bb9ba25
	Zaslavskii, O.B.	High energy particle collisions and geometry of horizon (2016) International Journal of Modern Physics D, 25 (10), art. no. 16500954, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976330768&doi=10.1142%2fIJMPD1816500954&partnerID=40&md5=ca4a67b99fa9778cad854380a7443475
	Zaslavskii, O.B.	Schwarzschild black hole as particle accelerator of spinning particles (2016) EPL, 114 (3), art. no. 30003, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975797040&doi=10.1209%2f0295-5075%2f114%2f30003&partnerID=40&md5=b1283088e91c0b0c30e699b460ca6540
	Zaslavskii, O.B.	Rapidly rotating spacetimes and collisional super-Penrose process (2016) General Relativity and Gravitation, 48 (5), art. no. 67, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964995192&doi=10.1007%2f10714-016-2063-0&partnerID=40&md5=5cb4ea2c0659628986077e39234043dd
	Lemos, J.P.S., Quinta, G.M., Zaslavskii, O.B.	Entropy of extremal black holes: Horizon limits through charged thin shells in a unified approach (2016) Physical Review D, 93 (8), art. no. 084008, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963655924&doi=10.1103%2fPhysRevD.93.084008&partnerID=40&md5=ff6c23b9a13706a46845b539491fae9f
	Zaslavskii, O.B.	Rotation as an origin of high energy particle collisions (2016) Modern Physics Letters A, 31 (4), art. no. 1650029, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959375799&doi=10.1142%2fISO217732316500292&partnerID=40&md5=e4ea47bfd6c5fc337521cd9c784e8c
	Zaslavskii, O.B.	Is the super-Penrose process possible near black holes? (2016) Physical Review D, 93 (2), art. no. 024056, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8495669787&doi=10.1103%2fPhysRevD.93.024056&partnerID=40&md5=de8b95c16e15a9eb28e3263e66415ac
	Lemos, J.P.S., Quinta, G.M., Zaslavskii, O.B.	Entropy of an extremal electrically charged thin shell and the extremal black hole (2015) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 750, pp. 306-311.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942279012&doi=10.1016%2fj.physletb.2015.08.065&partnerID=40&md5=fadc57d42864fd331e1c435634f10b97
	Bronnikov, K.A., Zaslavskii, O.B.	Quasi-black holes: General features and purely field configurations (2015) Modern Physics Letters A, 30 (30), art. no. 1550154, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940399038&doi=10.1142%2fISO217732315501540&partnerID=40&md5=c907f0d4b1344a16ef77f790338a4ad6
	Zaslavskii, O.B.	General limitations on trajectories suitable for super-Penrose process (2015) EPL, 111 (5), art. no. 50004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945208640&doi=10.1209%2f0295-5075%2f111%2f50004&partnerID=40&md5=c3628ca001c1478b0c24f3c9b0aed988
	Zaslavskii, O.B.	Innermost stable circular orbit near dirty black holes in magnetic field and ultra-high-energy particle collisions (2015) European Physical Journal C, 75 (9), art. no. 403, 14 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940931018&doi=10.1140%2fepjc%2f10052-015-3623-2&partnerID=40&md5=6355e393125937d47dadd06b52b0afb
	Zaslavskii, O.B.	Near-horizon circular orbits and extremal limit for dirty rotating black holes (2015) Physical Review D - Particles, Fields, Gravitation and Cosmology, 92 (4), art. no. 044017, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940552334&doi=10.1103%2fPhysRevD.92.044017&partnerID=40&md5=25cce5db54e0ee63ae7d3e77afad6c53
	Lemos, J.P.S., Quinta, G.M., Zaslavskii, O.B.	Entropy of a self-gravitating electrically charged thin shell and the black hole limit (2015) Physical Review D - Particles, Fields, Gravitation and Cosmology, 91 (10), art. no. 104027, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934882155&doi=10.1103%2fPhysRevD.91.104027&partnerID=40&md5=5a796a3f5cbf6462b15c4d69004b66b
	Zaslavskii, O.B.	Ultra-high energy collisions in static space-times: single versus multi-black hole cases (2015) General Relativity and Gravitation, 47 (4), 16 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926328798&doi=10.1007%2f10714-015-1894-4&partnerID=40&md5=c53fcb4c8272bfd6ebbc6836737f290
	Zaslavskii, O.B.	Unbounded energies of debris from head-on particle collisions near black holes (2015) Modern Physics Letters A, 30 (16), art. no. 1550076, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929274297&doi=10.1142%2fISO217732315500765&partnerID=40&md5=660cf965ba1675c7b3c4975951bb68cf
	Zaslavskii, O.B.	On geodesics with negative energies in the ergoregions of dirty black holes (2015) Modern Physics Letters A, 30 (10), art. no. 1550055, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928501098&doi=10.1142%2fISO217732315500558&partnerID=40&md5=d9920e1561cdaa2ea96b530743e386e5
	Zaslavskii, O.B.	Kinematics of ultra-high energy particle collisions near black holes in the magnetic field (2015) Modern Physics Letters A, 30 (6), art. no. 1550027, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928472873&doi=10.1142%2fISO217732315500273&partnerID=40&md5=37441ca34c8dd6b3273c12bbba40c4f
	Zaslavskii, O.B.	Ultrahigh energy particle collisions near many-dimensional black holes: General approach (2014) Physical Review D - Particles, Fields, Gravitation and Cosmology, 90 (10), art. no. 107503, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914689925&doi=10.1103%2fPhysRevD.90.107503&partnerID=40&md5=b0524b2945aa545c2e507e8b60cf0856
	Tanatarov, I.V., Zaslavskii, O.B.	Bañados-Silk-West effect with nongeodesic particles: Nonextremal horizons (2014) Physical Review D - Particles, Fields, Gravitation and Cosmology, 90 (6), art. no. 067502, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908432699&doi=10.1103%2fPhysRevD.90.067502&partnerID=40&md5=2993a3973313999d077069e662ce5d64
	Zaslavskii, O.B.	Ultrahigh energy particle collisions near the black hole horizon in the strong magnetic field (2014) Modern Physics Letters A, 29 (21), art. no. 1450112, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904402682&doi=10.1142%2fISO217732314501120&partnerID=40&md5=02d293f135c409d2133523ed27bddfd9
	Bronnikov, K.A., Fabris, J.C., Silveira, R., Zaslavskii, O.B.	Dilaton gravity, charged dust, and (quasi-) black holes (2014) Physical Review D - Particles, Fields, Gravitation and Cosmology, 89 (10), art. no. 107501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901441340&doi=10.1103%2fPhysRevD.89.107501&partnerID=40&md5=a7a6296839570dabe14f6ba70e0c3a8
	Tanatarov, I.V., Zaslavskii, O.B.	What happens to Petrov classification, on horizons of axisymmetric dirty black holes (2014) Journal of Mathematical Physics, 55 (2), art. no. 022502, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902276781&doi=10.1063%2f1.4865995&partnerID=40&md5=69f037763c365063327f38d4b07157d7
	Zaslavskii, O.B.	High-energy collisions inside black holes and their counterpart in flat spacetime (2014) International Journal of Modern Physics D, 23 (5), art. no. 1450045, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899958345&doi=10.1142%2fISO21827181450045X&partnerID=40&md5=7bd6f7e7ecb58c49dbf7d157bd779537
	Zaslavskii, O.B.	High-energy collision of particles in the magnetic field far from black holes (2014) Modern Physics Letters A, 29 (29), art. no. 1450151, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929579426&doi=10.1142%2fISO21773231450151X&partnerID=40&md5=ae7ba52775c9c5943752c95646235c
	Bronnikov, K.A., Fabris, J.C., Silveira, R., Zaslavskii, O.B.	Dilaton gravity, (quasi-) black holes, and scalar charge (2014) General Relativity and Gravitation, 46 (9), 26 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939887100&doi=10.1007%2f10714-014-1775-2&partnerID=40&md5=961676be0902cee70da8018ad35a60f6
	Zaslavskii, O.B.	Acceleration of particles by acceleration horizons (2013) Physical Review D - Particles, Fields, Gravitation and Cosmology, 88 (10), art. no. 104016, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888251525&doi=10.1103%2fPhysRevD.88.104016&partnerID=40&md5=88b13ed539e5a2247edd289d830c9f2

	Tanatarov, I.V., Zaslavskii, O.B.	Bañados-Silk-West effect with nongeodesic particles: Extremal horizons (2013) Physical Review D - Particles, Fields, Gravitation and Cosmology, 88 (6), art. no. 064036, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885012158&doi=10.1103%2FPhysRevD.88.064036&partnerID=40&md5=320b255972011fdb2c69f53057baabbd4
	Zaslavskii, O.B.	Ultrahigh energy head-on collisions without horizons or naked singularities: General approach (2013) Physical Review D - Particles, Fields, Gravitation and Cosmology, 88 (4), art. no. 044030, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884862616&doi=10.1103%2FPhysRevD.88.044030&partnerID=40&md5=1f3e79a21b23490d523394f6dbdf5deb
	Zaslavskii, O.B.	Comment on "black holes are neither particle accelerators nor dark matter probes" (2013) Physical Review Letters, 111 (7), art. no. 079001, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882580458&doi=10.1103%2FPhysRevLett.111.079001&partnerID=40&md5=a09ed137f9a66cb4490a22d79f4d5650
	Zaslavskii, O.B.	High energy particle collisions near the bifurcation surface (2013) International Journal of Modern Physics D, 22 (8), art. no. 1350044, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878921970&doi=10.1142%2FIS0218271813500442&partnerID=40&md5=d766da28bec55de4c2121669fb4c9c4f
	Zaslavskii, O.B.	Acceleration of particles by quasiblack holes (2013) International Journal of Modern Physics D, 22 (6), art. no. 1350028, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876959155&doi=10.1142%2FIS0218271813500284&partnerID=40&md5=ec324978bfc7710950c5e2d8bb754c7cc
	Zaslavskii, O.B.	Acceleration of particles as a universal property of ergosphere (2013) Modern Physics Letters A, 28 (11), art. no. 1350037, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875689275&doi=10.1142%2FIS0217732313500375&partnerID=40&md5=ef0d15474d7db758dd2ed48a41a5bb13
	Zaslavskii, O.B.	Energy extraction from extremal charged black holes due to the Banados-Silk-West effect (2012) Physical Review D - Particles, Fields, Gravitation and Cosmology, 86 (12), art. no. 124039, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871590127&doi=10.1103%2FPhysRevD.86.124039&partnerID=40&md5=76a4ccafa02d129605bb6e8d0f3e14e4
	Zaslavskii, O.B.	Ultra-high energy collisions of nonequatorial geodesic particles near dirty black holes (2012) Journal of High Energy Physics, 2012 (12), art. no. 032, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878473883&doi=10.1007%2FJHEP12%282012%29032&partnerID=40&md5=72cebf302fafd645d6da8b0c31728bb0
	Lemos, J.P.S., Zaslavskii, O.	Definition and properties of quasiblack holes (2012) 12th Marcel Grossmann Meeting on Recent Dev. in Theoretical and Experimental General Relativity, Astrophysics and Relativistic Field Theories - Proc. of the MG 2009 Meeting on General Relativity, pp. 2038-2040.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885624880&partnerID=40&md5=c78ba276f883338807c50b7b0259a478
	Zaslavskii, O.B.	Circular orbits and acceleration of particles by near-extremal dirty rotating black holes: General approach (2012) Classical and Quantum Gravity, 29 (20), art. no. 205004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866239783&doi=10.1088%2F0264-9381%2F29%2F20%2F205004&partnerID=40&md5=918c418b4b21a4afb1a1672b3097809
	Zaslavskii, O.B.	Energetics of particle collisions near dirty rotating extremal black holes: Banados-Silk-West effect versus Penrose process (2012) Physical Review D - Particles, Fields, Gravitation and Cosmology, 86 (8), art. no. 084030, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867299063&doi=10.1103%2FPhysRevD.86.084030&partnerID=40&md5=897086bf891c1afad8db55a4da61deff
	Tanatarov, I.V., Zaslavskii, O.B.	Dirty rotating black holes: Regularity conditions on stationary horizons (2012) Physical Review D - Particles, Fields, Gravitation and Cosmology, 86 (4), art. no. 044019, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865094385&doi=10.1103%2FPhysRevD.86.044019&partnerID=40&md5=72524ef107c0d7354dac128f016e9af6
	Zaslavskii, O.B.	Acceleration of particles by black holes as a result of deceleration: Ultimate manifestation of kinematic nature of BSW effect (2012) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 712 (3), pp. 161-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861332583&doi=10.1016%2Fphysletb.2012.05.009&partnerID=40&md5=2900a74722b4e7a4118f6376323b7427
	Zaslavskii, O.B.	Acceleration of particles by rotating black holes: Near-horizon geometry and kinematics (2012) Gravitation and Cosmology, 18 (2), pp. 139-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862126835&doi=10.1134%2FIS0202289312020144&partnerID=40&md5=c7201b7f514a05b6061f39c139c5d306
	Zaslavskii, O.B.	Acceleration of particles near the inner black hole horizon (2012) Physical Review D - Particles, Fields, Gravitation and Cosmology, 85 (2), art. no. 024029, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856741512&doi=10.1103%2FPhysRevD.85.024029&partnerID=40&md5=a7b4918bf20f74a8d3bb28523ef885bf
	Bronnikov, K.A., Zaslavskii, O.B.	Neutral and charged matter in equilibrium with black holes (2011) Physical Review D - Particles, Fields, Gravitation and Cosmology, 84 (8), art. no. 084013, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80655124988&doi=10.1103%2FPhysRevD.84.084013&partnerID=40&md5=3a6e67a19f04f45ebc4409d2b71fcc64
	Lemos, J.P.S., Zaslavskii, O.B.	Membrane paradigm and entropy of black holes in the Euclidean action approach (2011) Physical Review D - Particles, Fields, Gravitation and Cosmology, 84 (6), art. no. 064017, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053925636&doi=10.1103%2FPhysRevD.84.064017&partnerID=40&md5=643c02fe4af2a9ff1d35aebd526cc34b
	Zaslavskii, O.B.	Black hole as a supercollider (2011) International Journal of Modern Physics A, 26 (22), pp. 3845-3855.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052656201&doi=10.1142%2FIS0217751X11054309&partnerID=40&md5=e51258a4bc4a03161ca75a8c00b854b5
	Zaslavskii, O.B.	Acceleration of particles by black holes: Kinematic explanation (2011) Physical Review D - Particles, Fields, Gravitation and Cosmology, 84 (2), art. no. 024007, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051694044&doi=10.1103%2FPhysRevD.84.024007&partnerID=40&md5=71c2aa4f0031ec1c7dc14d7d239872fa
	Zaslavskii, O.B.	Black hole masking and black hole thermodynamics (2011) Gravitation and Cosmology, 17 (3), pp. 276-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051770259&doi=10.1134%2FIS020228931103011X&partnerID=40&md5=b48a9e9aa030c8bdfafab2e17fa57818
	Zaslavskii, O.B.	Acceleration of particles by black holes - A general explanation (2011) Classical and Quantum Gravity, 28 (10), art. no. 105010, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957446183&doi=10.1088%2F0264-9381%2F28%2F10%2F105010&partnerID=40&md5=c98e89c1a6553c73f1f2fd357671d315
	Zaslavskii, O.B.	Acceleration of particles by nonrotating charged black holes (2011) JETP Letters, 92 (9), pp. 571-574.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78751549541&doi=10.1134%2FIS0021364010210010&partnerID=40&md5=5468ef4946910b32ba292ce66b790161
	Lemos, J.P.S., Zaslavskii, O.B.	Entropy of extremal black holes from entropy of quasiblack holes (2011) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 695 (1-4), pp. 37-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650310817&doi=10.1016%2Fphysletb.2010.11.033&partnerID=40&md5=0d951f616039f52031f0f0294c11caaa
	Zaslavskii, O.B.	Acceleration of particles as a universal property of rotating black holes (2010) Physical Review D - Particles, Fields, Gravitation and Cosmology, 82 (8), art. no. 083004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651074929&doi=10.1103%2FPhysRevD.82.083004&partnerID=40&md5=aa8726fad8ebc52b6655bed7a17a9ba
	Lemos, J.P.S., Zaslavskii, O.B.	Quasiblack holes with pressure: General exact results (2010) Physical Review D - Particles, Fields, Gravitation and Cosmology, 82 (2), art. no. 024029, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7795599309&doi=10.1103%2FPhysRevD.82.024029&partnerID=40&md5=8e21d256ef06056c8d323f36f8b65847
	Zaslavskii, O.B.	Zel'dovich states with very small mass and charge in nonlinear electrodynamics coupled to gravity (2010) Gravitation and Cosmology, 16 (2), pp. 168-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953529328&doi=10.1134%2FIS0202289310020118&partnerID=40&md5=6f434f6910a71ec603d0aafcc1cefa6d
	Zaslavskii, O.B.	Static black holes in equilibrium with matter: Nonlinear equation of state (2010) Physical Review D - Particles, Fields, Gravitation and Cosmology, 81 (10), art. no. 107501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954249992&doi=10.1103%2FPhysRevD.81.107501&partnerID=40&md5=ac76c0e9b1be0b1b1345ee8d99ea2b4d
	Zaslavskii, O.B.	Regular black holes and energy conditions (2010) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 688 (4-5), pp. 278-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951259108&doi=10.1016%2Fphysletb.2010.04.031&partnerID=40&md5=067d923094180bd027a20d5a80621c82
	Lemos, J.P.S., Zaslavskii, O.B.	Entropy of quasiblack holes (2010) Physical Review D - Particles, Fields, Gravitation and Cosmology, 81 (6), art. no. 064012, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951599571&doi=10.1103%2FPhysRevD.81.064012&partnerID=40&md5=8f032a9e323328076756360730f0dfd1
	Bronnikov, K.A., Zaslavskii, O.B.	Horizons in matter: Black hole hair versus null big bang (2009) International Journal of Modern Physics D, 18 (14), pp. 2283-2287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77049110095&doi=10.1142%2FIS0218271809015898&partnerID=40&md5=386ca29e90412e4445e34fd477feb5eb

	Bronnikov, K.A., Zaslavskii, O.B.	General static black holes in matter (2009) Classical and Quantum Gravity, 26 (16), art. no. 165004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349514687&doi=10.1088%2F0264-9381%2F26%2F16%2F165004&partnerID=40&md5=cc8065360af574dc4df231a07de08658
	Zaslavskii, O.B.	Regular black holes with flux tube core (2009) Physical Review D - Particles, Fields, Gravitation and Cosmology, 80 (6), art. no. 064034, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349862879&doi=10.1103%2FPhysRevD.80.064034&partnerID=40&md5=698a468fbb56a5f665892582d64b44f
	Dadhich, N., Zaslavskii, O.B.	Focusing versus defocusing properties of truly naked black holes (2009) International Journal of Modern Physics D, 18 (7), pp. 1073-1084.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68449092819&doi=10.1142%2F0218271809014959&partnerID=40&md5=8d95c62a7e5e19464e5f586093d22092
	Sushkov, S.V., Zaslavskii, O.B.	Horizon closeness bounds for static black hole mimickers (2009) Physical Review D - Particles, Fields, Gravitation and Cosmology, 79 (6), art. no. 067502, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65349088417&doi=10.1103%2FPhysRevD.79.067502&partnerID=40&md5=e3f8bbe43b8f094ee21cc03f60cb656
	Lemos, J.P.S., Zaslavskii, O.B.	Angular momentum and mass formulas for rotating stationary quasiblack holes (2009) Physical Review D - Particles, Fields, Gravitation and Cosmology, 79 (4), art. no. 044020, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62549124618&doi=10.1103%2FPhysRevD.79.044020&partnerID=40&md5=c041f9318ac390978920ced89920b8b0
	Lemos, J.P.S., Zaslavskii, O.B.	Mass formula for quasi-black holes (2008) Physical Review D - Particles, Fields, Gravitation and Cosmology, 78 (12), art. no. 124013, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58149269160&doi=10.1103%2FPhysRevD.78.124013&partnerID=40&md5=3234743c5fd13255d1d5c25477adb631
	Zaslavskii, O.B.	N-Spheres: Regular black holes, static wormholes and gravastars with a tube-like core (2008) 11th Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Gravitation and Relativistic Field Theories - Proc. of the MG11 Meeting on General Relativity, pp. 2169-2171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892969000&partnerID=40&md5=7f45df2b0f5d01443e6045d9f6f55041
	Pravda, V., Zaslavskii, O.B.	Distorted killing horizons and algebraic classification of curvature tensors (2008) 11th Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Gravitation and Relativistic Field Theories - Proc. of the MG11 Meeting on General Relativity, pp. 2231-2233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892995727&partnerID=40&md5=dec880a7bd35a9c86851c239a5e9bd3c
	Bronnikov, K.A., Elizalde, E., Odintsov, S.D., Zaslavskii, O.B.	Horizons versus singularities in spherically symmetric space-times (2008) Physical Review D - Particles, Fields, Gravitation and Cosmology, 78 (6), art. no. 064049, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52649117099&doi=10.1103%2FPhysRevD.78.064049&partnerID=40&md5=e12bc03fb7a0a043a09cf524b096f64
	Bronnikov, K.A., Zaslavskii, O.B.	Black holes can have curly hair (2008) Physical Review D - Particles, Fields, Gravitation and Cosmology, 78 (2), art. no. 021501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879688207&doi=10.1103%2FPhysRevD.78.021501&partnerID=40&md5=f495102bb3443692ae0d419e7302065
	Lemos, J.P.S., Zaslavskii, O.B.	Black hole mimickers: Regular versus singular behavior (2008) Physical Review D - Particles, Fields, Gravitation and Cosmology, 78 (2), art. no. 024040, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48749096945&doi=10.1103%2FPhysRevD.78.024040&partnerID=40&md5=bc9979f4e62b760583539f0f9c122709
	Bronnikov, K.A., Zaslavskii, O.B.	Matter sources for a null big bang (2008) Classical and Quantum Gravity, 25 (10), art. no. 105015, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44449088330&doi=10.1088%2F0264-9381%2F25%2F10%2F105015&partnerID=40&md5=7cc25a8a4b32a413013ca26992e8a879
	Zaslavskii, O.B.	Manifestation of singular features in black hole horizons and quasi-horizons (2008) Journal of Physics A: Mathematical and Theoretical, 41 (16), art. no. 164067, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42649136540&doi=10.1088%2F1751-8113%2F41%2F16%2F164067&partnerID=40&md5=c9c1663a8e51473570828691d2ce41e8
	Zaslavskii, O.B.	Exactly solvable models of 2D dilaton gravity (2007) Journal of Physical Studies, 11 (1), pp. 63-73.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43449131868&partnerID=40&md5=a592145540e8e42ae8c57d23b69fa936
	Lemos, J.P.S., Zaslavskii, O.B.	Quasi-black holes: Definition and general properties (2007) Physical Review D - Particles, Fields, Gravitation and Cosmology, 76 (8), art. no. 084030, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35649013905&doi=10.1103%2FPhysRevD.76.084030&partnerID=40&md5=f11d68e7a9b3ffc13338fe99f60fc9e6
	Zaslavskii, O.B.	Traversable wormholes: Minimum violation of the null energy condition revisited (2007) Physical Review D - Particles, Fields, Gravitation and Cosmology, 76 (4), art. no. 044017, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548188071&doi=10.1103%2FPhysRevD.76.044017&partnerID=40&md5=2Bac5d82f54925b4cecebacd6c502
	Zaslavskii, O.B.	Truly naked spherically symmetric and distorted black holes (2007) Physical Review D - Particles, Fields, Gravitation and Cosmology, 76 (2), art. no. 024015, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547450736&doi=10.1103%2FPhysRevD.76.024015&partnerID=40&md5=84d6c3a687f3391739c887cbbf5194fb
	Popov, A.A., Zaslavskii, O.B.	Quantum-corrected ultraextremal horizons and the validity of the WKB approximation in the massless limit (2007) Physical Review D - Particles, Fields, Gravitation and Cosmology, 75 (8), art. no. 084018, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247104533&doi=10.1103%2FPhysRevD.75.084018&partnerID=40&md5=0841bbf6433170a99b93ccf5e1f1b5d9
	Zaslavskii, O.B.	Boulware state in exactly solvable models of 2D dilaton gravity (2006) Modern Physics Letters A, 21 (30), pp. 2283-2290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750012984&doi=10.1142%2F0217732306021529&partnerID=40&md5=c234c06b08725fd970e7593b5415e883
	Zaslavskii, O.B.	Extrinsically flat static spacetimes (2006) Classical and Quantum Gravity, 23 (12), art. no. 006, pp. 4083-4100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745824221&doi=10.1088%2F0264-9381%2F23%2F12%2F006&partnerID=40&md5=aace840260cbd33ee04ed8d40bfea7ff
	Zaslavskii, O.B.	Ultimate gravitational mass defect (2006) General Relativity and Gravitation, 38 (5), pp. 945-951.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646559531&doi=10.1007%2Fs10714-006-0274-5&partnerID=40&md5=b5539094b5ea5615407205e4d4103ef4
	Zaslavskii, O.B.	N-spheres in general relativity: Regular black holes without apparent horizons, static wormholes with event horizons and gravastars with a tube-like core (2006) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 634 (2-3), pp. 111-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33144485032&doi=10.1016%2Fphysletb.2006.01.004&partnerID=40&md5=1375fbd8f96e5d555a22192d8ecbafb
	Pravda, V., Zaslavskii, O.B.	Curvature tensors on distorted Killing horizons and their algebraic classification (2005) Classical and Quantum Gravity, 22 (23), pp. 5053-5071.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28244465101&doi=10.1088%2F0264-9381%2F22%2F23%2F009&partnerID=40&md5=30bfde7b36c644628305e5373b4a7851
	Zaslavskii, O.B.	Exactly solvable model of a wormhole supported by phantom energy (2005) Physical Review D - Particles, Fields, Gravitation and Cosmology, 72 (6), art. no. 061303, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29744445080&doi=10.1103%2FPhysRevD.72.061303&partnerID=40&md5=c4f4864878353129e9cda74b8f79ef7
	Zaslavskii, O.B.	T-spheres as a limit of Lemaitre-Tolman-Bondi solutions (2005) Physical Review D - Particles, Fields, Gravitation and Cosmology, 72 (6), art. no. 067501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29744469166&doi=10.1103%2FPhysRevD.72.067501&partnerID=40&md5=27f1c8a62102c125c161816692c5d7d2
	Matyjasek, J., Zaslavskii, O.B.	Semiclassical ultraextremal horizons (2005) Physical Review D - Particles, Fields, Gravitation and Cosmology, 71 (8), art. no. 087501, pp. 1-4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444403116&doi=10.1103%2FPhysRevD.71.087501&partnerID=40&md5=94c5d8aa24208dec87d03825b3932777
	Zaslavskii, O.B.	Two-dimensional quantum-corrected black hole in a finite size cavity (2004) Physical Review D, 69 (4), art. no. 044008, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642374475&doi=10.1103%2FPhysRevD.69.044008&partnerID=40&md5=51f3a7ca77966b3ff4e6faeb466f9305
	Zaslavskii, O.B.	Classical model of an elementary particle with a Bertotti-Robinson core and extremal black holes (2004) Physical Review D - Particles, Fields, Gravitation and Cosmology, 70 (10), art. no. 104017, pp. 104017-1-104017-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37649031952&doi=10.1103%2FPhysRevD.70.104017&partnerID=40&md5=9d45149cff9d8421637d32708ae830

Matyjasek, J., Zaslavskii, O.B.	Extremal limit for charged and rotating 2 + 1-dimensional black holes and Bertotti-Robinson geometry (2004) Classical and Quantum Gravity, 21 (17), pp. 4283-4288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644359008&doi=10.1088%2F0264-9381%2F21%2F17%2F014&partnerID=40&md5=84476e3a8214d9a7f9528fb55831e419
Zaslavskii, O.B.	Near-extremal and extremal quantum-corrected two-dimensional charged black holes (2004) Classical and Quantum Gravity, 21 (11), pp. 2687-2701.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942720763&doi=10.1088%2F0264-9381%2F21%2F11%2F012&partnerID=40&md5=0bff76261cd9b7eeb3b06b8d712bcd
Zaslavskii, O.B.	Boulware state and semiclassical thermodynamics of black holes in a cavity (2003) Physical Review D, 68 (12), art. no. 127502, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0842304409&doi=10.1103%2FPhysRevD.68.127502&partnerID=40&md5=adbbdfcc1790685b46c17fe7d4cb2a
Zaslavskii, O.B.	Classification of static and homogeneous solutions in exactly solvable models of two-dimensional dilaton gravity (2003) International Journal of Modern Physics A, 18 (26), pp. 4837-4850.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344013123&doi=10.1142%2FS0217751X03015696&partnerID=40&md5=47c2cf69771d3568b6e06a3499816167
Zaslavskii, O.B.	Exactly solvable models of two-dimensional dilaton cosmology with quantum backreaction (2003) Classical and Quantum Gravity, 20 (13), pp. 2963-2979.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038504435&doi=10.1088%2F0264-9381%2F20%2F13%2F2338&partnerID=40&md5=62e3e0437deae56a2dcd a3d66887f082
Zaslavskii, O.B.	Exactly solvable models in 2D semiclassical dilaton gravity and extremal black holes (2003) Classical and Quantum Gravity, 20 (1), pp. 137-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037276246&doi=10.1088%2F0264-9381%2F20%2F1%2F2311&partnerID=40&md5=36aab33ca31f1600f012fb6f9bdcfc21
Zaslavskii, O.B.	Regular self-consistent geometries with infinite quantum backreaction in 2D dilaton gravity and black hole thermodynamics: Unfamiliar features of familiar models (2003) Foundations of Physics, 33 (1), pp. 1-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037236242&doi=10.1023%2FA%3a1022837108018&partnerID=40&md5=9ff352932ca340d88081956fb8bb0ddb
Zaslavskii, O.B.	Entropy of semiclassical 2D dilaton black holes away from the hawking temperature (2002) Modern Physics Letters A, 17 (27), pp. 1775-1782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037037275&doi=10.1142%2FS0217732302008198&partnerID=40&md5=d7fd9e92a4ae9188caa344b0bd02e1d
Zaslavskii, O.B.	Thermodynamics of black holes with an infinite effective area of a horizon (2002) Classical and Quantum Gravity, 19 (14), pp. 3783-3797.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0010568137&doi=10.1088%2F0264-9381%2F19%2F14%2F2317&partnerID=40&md5=07a1c5ddc8c01a70cc652c08ad955954
Zaslavskii, O.B.	2D dilaton gravity and regular horizons away from the hawking temperature (2002) International Journal of Modern Physics A, 17 (6-7), pp. 1013-1017.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037139697&partnerID=40&md5=f4e2f6799cea704fc36657221613b5f9
Matyjasek, J., Zaslavskii, O.B.	Quantum back reaction of massive fields and self-consistent semiclassical extreme black holes and acceleration horizons (2001) Physical Review D, 64 (10), art. no. 104018, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035890658&partnerID=40&md5=15b314fe2eb8e71250000192a11076c9
Dolya, S.N., Zaslavskii, O.B.	Quasi-exactly solvable quartic Bose Hamiltonians (2001) Journal of Physics A: Mathematical and General, 34 (30), pp. 5955-5968.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035800719&doi=10.1088%2F0305-4470%2F34%2F30%2F2307&partnerID=40&md5=3f646486f422e534b62d3370c63b6d25
Dolya, S.N., Zaslavskii, O.B.	A general approach to potentials with two known levels (2001) Journal of Physics A: Mathematical and General, 34 (10), pp. 1981-1989.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039785279&doi=10.1088%2F0305-4470%2F34%2F10%2F2303&partnerID=40&md5=2ed6159fb41697096c4abb0f2e3de417
Zaslavskii, O.B.	Entropy of massive fields near a black hole and vacuum polarization: Thermodynamics without statistical mechanics (2001) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 501 (3-4), pp. 277-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035826133&doi=10.1016%2FS0370-2693%2801%2900148-4&partnerID=40&md5=c36de9f5fd7c6d0e93135d6a5b512955
Dolya, S.N., Zaslavskii, O.B.	The quantum anharmonic oscillator and quasi-exactly solvable Bose systems (2000) Journal of Physics A: Mathematical and General, 33 (41), pp. L369-L374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034692792&doi=10.1088%2F0305-4470%2F33%2F41%2F102&partnerID=40&md5=78b16e969342fe5f4cc49064712497d1
Zaslavskii, O.B.	Two-dimensional dilaton gravity and spacetimes with finite curvature at the horizon away from the Hawking temperature (2000) Physical Review D - Particles, Fields, Gravitation and Cosmology, 61 (6), art. no. 064002, pp. 1-4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750644837&partnerID=40&md5=4501343f50747751c89278caa4da5bb0
Zaslavskii, O.B.	Quantum extreme black holes at finite temperature and exactly solvable models of 2d dilaton gravity (2000) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 475 (1-2), pp. 33-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034708001&doi=10.1016%2FS0370-2693%2800%2900060-5&partnerID=40&md5=c4281ae8d43a07558e43c8bfbf015e9
Zaslavskii, O.B.	Non-extreme black holes near the extreme state and acceleration horizons: Thermodynamics and quantum-corrected geometry (2000) Classical and Quantum Gravity, 17 (2), pp. 497-512.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034340681&doi=10.1088%2F0264-9381%2F17%2F2%2F2315&partnerID=40&md5=66292249dc06645f5d9cf d066627b6cc
Zaslavskii, O.B.	Semi-infinite throats at finite temperature and static solutions in exactly solvable models of 2d dilaton gravity (1999) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 459 (1-3), pp. 105-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001600369&partnerID=40&md5=571ae6164320009b31d25f443ccee1a
Ulyanov, V.V., Zaslavskii, O.B.	Tunneling series in terms of perturbation theory for quantum spin systems (1999) Physical Review B - Condensed Matter and Materials Physics, 60 (9), pp. 6212-6214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001059688&partnerID=40&md5=9610052fbd6bdad82ee3f80eaeaf36
Zaslavskii, O.B.	Exactly solvable models of two-dimensional dilaton gravity and quantum eternal black holes (1999) Physical Review D - Particles, Fields, Gravitation and Cosmology, 59 (8), pp. 1-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17144399258&partnerID=40&md5=06192629282761bd4867b443104617c1
Zaslavskii, O.B. , Ulyanov, V.V., Vasilevskaya, Yu.V.	Low-temperature properties of uniaxial paramagnets in oblique magnetic field (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (7), pp. 633-634.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3743147241&partnerID=40&md5=ac7dcb7cf9c451dc2df58b168afb453f
Zaslavskii, O.B.	Horizon/matter systems near the extreme state (1998) Classical and Quantum Gravity, 15 (10), pp. 3251-3257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032345769&doi=10.1088%2F0264-9381%2F15%2F10%2F2025&partnerID=40&md5=5a199dd25c9be19850fd3c7c89b59c46
Zaslavskii, O.B. , Ulyanov, V.V., Vasilevskaya, Yu.V.	Low-temperature properties of uniaxial paramagnets in a tilted magnetic field (1998) Low Temperature Physics, 24 (7), pp. 473-478.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750137462&partnerID=40&md5=a102e7a6de049a343bc2f97529753bd4
Zaslavskii, O.B.	Entropy of quantum fields for nonextreme black holes in the extreme limit (1998) Physical Review D - Particles, Fields, Gravitation and Cosmology, 57 (10), pp. 6265-6268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000941873&partnerID=40&md5=33a0c53b6cef66ae037ab0600242a0e5
Zaslavskii, O.B.	Two-dimensional self-consistent quantum-corrected geometries with a constant dilaton field (1998) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 424 (3-4), pp. 271-274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002291370&partnerID=40&md5=7dbc2ed698c74a51f780a68a02c45d5a
Zaslavskii, O.B. , Ulyanov, V.V., Vasilevskaya, Yu.V.	On the theory of low-temperature properties of spin systems with magnetic anisotropy (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (12), pp. 1294-1295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244255086&partnerID=40&md5=b7f478ab80af6aba1d5e46a1b32dee2

Zaslavskii, O.B., Ulyanov, V.V., Vasilevskaya, Yu.V.	On the theory of low-temperature properties of spin systems with magnetic anisotropy (1997) Low Temperature Physics, 23 (12), pp. 968-972.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750003488&partnerID=40&md5=3e896b9068b8323a4d63f699be1ccf00
Zaslavskii, O.B.	Dilaton black holes in the grand canonical ensemble near the extreme state (1997) Physical Review D - Particles, Fields, Gravitation and Cosmology, 56 (10), pp. 6695-6697.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000201255&partnerID=40&md5=16f541ad547fcd301b948bd11874caa1
Zaslavskii, O.B.	Geometry of nonextreme black holes near the extreme state (1997) Physical Review D - Particles, Fields, Gravitation and Cosmology, 56 (4), pp. 2188-2191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000859781&partnerID=40&md5=c15399efdd4b89894410d56c1b3a684c
Ulyanov, V.V., Zaslavskii, O.B., Vasilevskaya, Yu.V.	New exact solutions of the Schrödinger equation with potentials of spin and soliton origin (1997) Low Temperature Physics, 23 (1), pp. 82-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750099728&partnerID=40&md5=a044976059cd3d3e50ed72b8dfeb09cc
Zaslavskii, O.B.	Generalized second law and the Bekenstein entropy bound in Gedankenexperiments with black holes (1996) Classical and Quantum Gravity, 13 (1), pp. L7-L11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844487388&doi=10.1088%2f0264-9381%2f13%2f1%2f002&partnerID=40&md5=2fb1360d6852df107b0597cf6668e93b
Zaslavskii, O.B.	Entropy of a dressed black hole and properties of the Hartle-Hawking state (1996) Classical and Quantum Gravity, 13 (2), pp. L23-L27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844494019&doi=10.1088%2f0264-9381%2f13%2f2%2f003&partnerID=40&md5=d6e361afb2d71e0cccd2fe64071f0c7d
Zaslavskii, O.B.	Quantum corrections to temperature and mass of 1 + 1 dilatonic black holes and the trace anomaly (1996) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 375 (1-4), pp. 43-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642265347&partnerID=40&md5=2b3e83fe46a60b0eaa2fb4b9f69779f1
Zaslavskii, O.B.	Role of a boundary in the relationship between black hole temperature and the trace anomaly (1996) Physical Review D - Particles, Fields, Gravitation and Cosmology, 53 (8), pp. 4691-4693.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000992279&partnerID=40&md5=4cba6c903778d43ecc431999f925b843
Zaslavskii, O.B.	Extreme state of a charged black hole in a grand canonical ensemble (1996) Physical Review Letters, 76 (13), pp. 2211-2213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001368827&partnerID=40&md5=309e9e873d28cab2a7dde6ff52dc3de9
Zaslavskii, O.B.	On the quasilocal energy of axially-symmetric spacetimes (1995) Classical and Quantum Gravity, 12 (7), art. no. 002, pp. L63-L67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844504401&doi=10.1088%2f0264-9381%2f12%2f7%2f002&partnerID=40&md5=a4a845fbbd96d87e9fda3c3b65b17896
Zaslavskii, O.B.	Two-dimensional quasi-exactly solvable models and classical orthogonal polynomials (1994) Journal of Physics A: General Physics, 27 (10), art. no. 004, pp. L323-L328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21344494475&doi=10.1088%2f0305-4470%2f27%2f10%2f004&partnerID=40&md5=b7069f7ae9e434057b8f6a9abdc907c
Zaslavskii, O.B.	Thermodynamics of 2+1 black holes (1994) Classical and Quantum Gravity, 11 (2), art. no. 003, pp. L33-L38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21344475302&doi=10.1088%2f0264-9381%2f11%2f2%2f003&partnerID=40&md5=6a033d45daa0525ca2667ec736fa23e1
Zaslavskii, O.B.	Quasi-exactly solvable models with an inhomogeneous magnetic field (1994) Journal of Physics A: General Physics, 27 (12), art. no. 009, pp. L447-L452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750113740&doi=10.1088%2f0305-4470%2f27%2f12%2f009&partnerID=40&md5=4b7a07bb0c7c14bd327e2e2521621bee
Zaslavskii, O.B.	Two-dimensional quasi-exactly solvable models with a magnetic field (1994) Physics Letters A, 190 (5-6), pp. 373-376.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244263548&doi=10.1016%2f0375-9601%2f894%2f990717-X&partnerID=40&md5=aecf8d530893dfbcd52095877882477
Zaslavskii, O.B.	Quasi-exactly-solvable models from finite-dimensional matrices (1993) Journal of Physics A: General Physics, 26 (22), art. no. 048, pp. 6563-6574.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21344495616&doi=10.1088%2f0305-4470%2f26%2f22%2f048&partnerID=40&md5=9265d818985f6c060a5af9b816c74532
Zaslavskii, O.B.	Thermal stress-energy tensors and entropy of radiation in the Schwarzschild background (1993) Physics Letters A, 181 (2), pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000534179&doi=10.1016%2f0375-9601%2f893%2f990904-E&partnerID=40&md5=b334adadd4e7788b1d2e5ac756b4e8
Gaina, A.B., Zaslavskii, O.B.	On quasilevels in the gravitational field of a black hole (1992) Classical and Quantum Gravity, 9 (3), art. no. 009, pp. 667-676.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29744442716&doi=10.1088%2f0264-9381%2f9%2f3%2f009&partnerID=40&md5=7eabf33e40ca8bac1288373e3cbfe03d
Zaslavskii, O.B.	Entropy and action bounds for charged black holes (1992) General Relativity and Gravitation, 24 (9), pp. 973-983.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000935763&doi=10.1007%2fBF00759127&partnerID=40&md5=997f36ac5e2db464f992949664f92b4c
Zaslavskii, O.B.	The first law of thermodynamics for black holes with Skyrme hair (1992) Physics Letters A, 168 (3), pp. 191-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44049112175&doi=10.1016%2f0375-9601%2f892%2f990573-5&partnerID=40&md5=8cc65e53c97bb7156c382ba48a6d9ede9
Ulyanov, V.V., Zaslavskii, O.B.	New methods in the theory of quantum spin systems (1992) Physics Reports, 216 (4), pp. 179-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0003157643&doi=10.1016%2f0370-1573%2f892%2f990158-V&partnerID=40&md5=97064eeaf1cda3002420f50407a833c8
Zaslavskii, O.B.	Canonical ensemble for rotating relativistic systems (1991) Classical and Quantum Gravity, 8 (5), art. no. 002, pp. L103-L107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36149037459&doi=10.1088%2f0264-9381%2f8%2f5%2f002&partnerID=40&md5=d2c2e8d5be201cc865e4f5f3865aaa77
Zaslavskii, O.B.	Notes on black-hole thermodynamics with backreaction in a canonical ensemble (1991) Classical and Quantum Gravity, 8 (6), art. no. 005, pp. L141-L145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243971620&doi=10.1088%2f0264-9381%2f8%2f6%2f005&partnerID=40&md5=40214f8b7a843050cad62cb44ba79533
Zaslavskii, O.B.	Entropy and Euclidean action bounds in black-hole thermodynamics (1991) Physics Letters A, 160 (4), pp. 339-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242278696&doi=10.1016%2f0375-9601%2f891%2f990661-Q&partnerID=40&md5=e363928cfd711b447f37668a48bb1b
Zaslavskii, O.B.	Canonical ensemble for arbitrary configurations of self-gravitating systems (1991) Physics Letters A, 152 (9), pp. 463-466.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001983751&doi=10.1016%2f0375-9601%2f891%2f990555-M&partnerID=40&md5=e929a81965920f1eae8169bbb361b5bc
Zaslavskii, O.B.	Black-hole normal modes and quantum anharmonic oscillator (1991) Physical Review D, 43 (2), pp. 605-608.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041847410&doi=10.1103%2fPhysRevD.43.605&partnerID=40&md5=f473b3328619afa007ed4ee751dc7c37
Zaslavskii, O.B.	Quasiclassical decay width of a metastable state in the Schwarzschild gravitational field (1990) Classical and Quantum Gravity, 7 (4), art. no. 012, pp. 589-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36149031399&doi=10.1088%2f0264-9381%2f7%2f4%2f012&partnerID=40&md5=f6af6ba38eb2b78deb3fcb7fb5449c
Gaina, A.B., Zaslavskii, O.B.	Statistical metastability of a classical ideal gas in the Schwarzschild gravitational field (1990) Classical and Quantum Gravity, 7 (4), art. no. 013, pp. 593-596.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36149036690&doi=10.1088%2f0264-9381%2f7%2f4%2f013&partnerID=40&md5=4bb55c10811d0f7bd8bb64eb1e27dea4

	Krive, I.V., Zaslavskii, O.B.	Macroscopic quantum tunnelling in antiferromagnets (1990) Journal of Physics: Condensed Matter, 2 (47), art. no. 020, pp. 9457-9462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001289005&doi=10.1088%2F0953-8984%2F2%2F47%2F020&partnerID=40&md5=96a67674fc58267b265c4ea48630e091
	Zaslavskii, O.B.	Effective potential for spin-boson systems and quasi-exactly solvable problems (1990) Physics Letters A, 149 (7-8), pp. 365-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040947481&doi=10.1016%2F0375-9601%2890%2990894-T&partnerID=40&md5=31ccb0c232da5eac7cc3ef365c0689f
	Zaslavskii, O.B.	Spin tunneling and the effective potential method (1990) Physics Letters A, 145 (8-9), pp. 471-475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001719733&doi=10.1016%2F0375-9601%2890%2990317-H&partnerID=40&md5=150945b8c47a45c5d25b353195f23482
	Sinityn, Yu.A., Tsukernik, V.M., Zaslavskii, O.B.	Propagation of electromagnetic waves through weakly nonuniform media as described in terms of the quantum mechanical analogy (1990) Physica A: Statistical Mechanics and its Applications, 164 (3), pp. 715-729.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44949266517&doi=10.1016%2F0378-4371%2890%2990231-G&partnerID=40&md5=63474f0660bd9581016e96d99f0a0774
	Zaslavskii, O.B.	New exact Schrödinger-equation solutions based on finite-dimensional matrices (1990) Soviet Physics Journal, 33 (1), pp. 13-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040685988&doi=10.1007%2FBF00896257&partnerID=40&md5=300f734149e0007baa28a644f15b0185
	Zaslavskii, O.B.	Quantum decay of a metastable state in a spin system (1990) Physical Review B, 42 (1), pp. 992-993.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19444379721&doi=10.1103%2FPhysRevB.42.992&partnerID=40&md5=f5992754bdec518f3af9c3deb282e307
	Zaslavskii, O.B.	Tunnelling of a large spin at finite temperature (1989) Journal of Physics: Condensed Matter, 1 (35), art. no. 029, pp. 6311-6313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16344389644&doi=10.1088%2F0953-8984%2F1%2F35%2F029&partnerID=40&md5=77ab90a9a2950cc11071a26bfab95891
	Zaslavskii, O.B. , Uflyanov, V.V.	Periodic effective potentials for spin systems and new exact solutions of the one-dimensional Schrödinger equation for the energy bands (1987) Theoretical and Mathematical Physics, 71 (2), pp. 520-528.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040770064&doi=10.1007%2FBF01028652&partnerID=40&md5=42385b69cca8c8c6728b4a502c2dd1b9
8	Beresnev, V.M. , Sobol', O.V., Litovchenko, S.V., Pogrebnyak, A.D., Srebnnyuk, P.A., Novikov, V.Y., Kolesnikov, D.A., Meilekhov, A.A., Postel'nik, A.A., Nemchenko, U.S.	Effect of bias voltage and nitrogen pressure on the structure and properties of vacuum-arc (Mo + Ti6%Si)N coatings (2017) Technical Physics, 62 (5), pp. 795-798.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019703558&doi=10.1134%2FIS1063784217050073&partnerID=40&md5=4e0d646ba2aa55574e025d7e210ed6aa
	Bagmut, A.G., Beresnev, V.M.	Kinetics of the electron beam induced crystallization of amorphous ZrO2 films obtained via ion-plasma and laser sputtering (2017) Physics of the Solid State, 59 (1), pp. 151-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013304764&doi=10.1134%2FIS1063783417010024&partnerID=40&md5=6fe57092f9c42357531dda93618d1b32
	Pogrebnyak, A.D., Bagdasaryan, A.A., Beresnev, V.M. , Nyemchenko, U.S., Ivashchenko, V.I., Kravchenko, Y.O., Shaimardanov, Z.H.K., Plotnikov, S.V., Maksakova, O.	The effects of Cr and Si additions and deposition conditions on the structure and properties of the (Zr-Ti-Nb)N coatings (2017) Ceramics International, 43 (1), pp. 771-782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992084091&doi=10.1016%2Fj.ceramint.2016.10.008&partnerID=40&md5=2efedbee5021d90f033c30be9270ca8d
	Beresnev, V.M. , Sobol', O.V., Pogrebnyak, A.D., Lytovchenko, S.V., Stolbovoy, V.A., Srebnik, P.A., Novikov, V., Doshtchechikina, I.V., Meylekhov, A.A., Postelnik, A.A., Nyemchenko, U.S., Mazylin, B.A., Kruhlova, V.V.	Structure and properties of vacuum arc single-layer and multiperiod two-layer nitride coatings based on Ti(Al): Si layers (2017) Journal of Nano- and Electronic Physics, 9 (1), art. no. 01033, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014619856&doi=10.21272%2Fjnp.9%281%29.01033&partnerID=40&md5=149a2c151b5295695dec2298811a5a7
	Bondar, O.V., Beresnev, V.M. , Kravchenko, Ya.O., Koltunowicz, T.N.	Nanoscale TiN/ZrN multilayered coatings, their structure and properties (2016) Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016, art. no. 7757238, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007047632&doi=10.1109%2FNAP.2016.7757238&partnerID=40&md5=f5f79ae07eba475ae8ed4c45d6e78f35
	Beresnev, V.M. , Nyemchenko, U.S., Srebnik, P.O., Lytovchenko, S.V., Sobol, O.V.	Study of influence physical and technological parameters of deposition on the structure, physical and mechanical properties of vacuum arc coatings (Mo + Ti6%Si)N (2016) Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016, art. no. 7757226, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007105133&doi=10.1109%2FNAP.2016.7757226&partnerID=40&md5=579d2b95199448b053a5b6334d88a906
	Pshyk, A.V., Coy, L.E., Nowaczky, G., Kempinski, M., Peplinska, B., Pogrebnyak, A.D., Beresnev, V.M. , Jurga, S.	High temperature behavior of functional TiAlBSiN nanocomposite coatings (2016) Surface and Coatings Technology, 305, pp. 49-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982830507&doi=10.1016%2Fj.surfcoat.2016.07.075&partnerID=40&md5=3c0411d87c885c0200add6ad2291295a
	Pogrebnyak, A.D., Bor'ba, S.O., Kravchenko, Y.O., Tleukenov, E.O., Plotnikov, C.V., Beresnev, V.M. , Takeda, Y., Oyoshi, K., Kupchishin, A.I.	Effect of the high dose of N+(1018cm ⁻²) ions implantation into the (TiHfZrVNbTa)N nanostructured coating on its microstructure, elemental and phase compositions, and physico-mechanical properties (2016) Journal of Superhard Materials, 38 (6), pp. 393-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008428547&doi=10.3103%2FIS1063457616060034&partnerID=40&md5=05aed4cb8c13f1821160f163c8362c5c
	Pogrebnyak, A.D., Bondar, O.V., Borba, S.O., Abadias, G., Konarski, P., Plotnikov, S.V., Beresnev, V.M. , Kassenova, L.G., Drodziel, P.	Nanostructured multielement (TiHfZrNbVTa)N coatings before and after implantation of N ⁺ ions (1018 cm ⁻²): Their structure and mechanical properties (2016) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 385, pp. 74-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988024933&doi=10.1016%2Fj.nimb.2016.09.002&partnerID=40&md5=d20f183a0a0c3590787768bfba8c750a
	Pogrebnyak, A.D., Pshyk, A.V., Coy, E., Zaleski, K., Peplinska, B., Nowaczky, G., Kupchishin, A.I., Beresnev, V.M. , Kassenova, L.G., Kravchenko, Y.O.	Gradient nanostructured coatings obtained by magnetron sputtering of a multiphase AlN-TiB2-TiSi2 target (2016) Physics of Metals and Metallography, 117 (10), pp. 990-1002.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991574476&doi=10.1134%2FIS0031918X16020071&partnerID=40&md5=1eea49fde581bb0164fc1306129dc87a
	Pogrebnyak, A.D., Yakushchenko, I.V., Bondar, O.V., Beresnev, V.M. , Oyoshi, K., Ivashishin, O.M., Amekura, H., Takeda, Y., Opielak, M., Kozak, C.	Irradiation resistance, microstructure and mechanical properties of nanostructured (TiZrHfVNbTa)N coatings (2016) Journal of Alloys and Compounds, 679, pp. 155-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963491074&doi=10.1016%2Fj.jallcom.2016.04.064&partnerID=40&md5=31a8b8caf5773aae8703f3706ad5f9fe
	Pogrebnyak, A.D., Dem'yanenko, A.A., Beresnev, V.M. , Sobol', O.V., Ivashishin, O.M., Oyoshi, K., Takeda, Y., Amekura, H., Kupchishin, A.I.	Recrystallization and formation of spheroidal gold particles in amorphous-like AlN-TiB2-TiSi2 coatings after annealing and subsequent implantation (2016) Physics of the Solid State, 58 (7), pp. 1453-1457.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979505641&doi=10.1134%2FIS1063783416070283&partnerID=40&md5=c1817d2a4c6c1e810962608039dd663
	Beresnev, V.M. , Sobol, O.V., Grankin, S.S., Nemchenko, U.S., Novikov, V.Y., Bondar, O.V., Belovol, K.O., Maksakova, O.V., Eskermesov, D.K.	Physical and mechanical properties of (Ti-Zr-Nb)N coatings fabricated by vacuum-arc deposition (2016) Inorganic Materials: Applied Research, 7 (3), pp. 388-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975796994&doi=10.1134%2FIS2075113316030047&partnerID=40&md5=9b7e56669c3ad363007363de13c0395c
	Beresnev, V.M. , Sobol', O.V., Pogrebnyak, A.D., Grankin, S.S., Stolbovoi, V.A., Turbin, P.V., Meilekhov, A.A., Arsenko, M.Y.	Structure engineering in vacuum-arc-deposited coatings of the MoN-CrN system (2016) Technical Physics Letters, 42 (5), pp. 532-535.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975795691&doi=10.1134%2FIS1063785016050205&partnerID=40&md5=13b01885cc6ee04a59acd21920f96ea7
	Beresnev, V.M. , Klimenko, S.A., Sobol', O.V., Grankin, S.S., Stolbovoi, V.A., Turbin, P.V., Novikov, V.Y., Meilekhov, A.A., Litovchenko, S.V., Malikova, L.V.	Effect of the deposition parameters on the phase-structure state, hardness, and tribological characteristics of Mo2N/CrN vacuum-arc multilayer coatings (2016) Journal of Superhard Materials, 38 (2), pp. 114-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969529129&doi=10.3103%2FIS1063457616020052&partnerID=40&md5=df260ca4985be4e9b0ddb77c81ae784
	Pogrebnyak, A.D., Ivashishin, O.M., Beresnev, V.M.	Arc-Evaporated Nanoscale Multilayer Nitride-Based Coatings for Protection Against Wear, Corrosion, and Oxidation (2016) Uspehi Fiziki Metallov, 17 (1), pp. 1-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962835821&doi=10.15407%2Fufm.17.01.001&partnerID=40&md5=c32b0dd6f6ad360132a80d9a812a74cc
	Beresnev, V.M. , Sobol, O.V., Meylekhov, A.A., Postelnik, A.A., Novikov, V.Y., Kolesnikov, Y.S., Stolbovoy, V.A., Nyemchenko, U.S., Srebnik, P.A.	Effect of pressure of nitrogen atmosphere during the vacuum arc deposition of multiperiod coatings (Ti, Si)N/MoN on their structure and properties (2016) Journal of Nano- and Electronic Physics, 8 (4), art. no. 04023, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999836328&doi=10.21272%2Fjnp.8%284%281%29%29.04023&partnerID=40&md5=e21c26fa74ae72495cd48836ced2d8d

	Beresnev, V.M. , Sobol, O.V., Lytovchenko, S.V., Nyemchenko, U.S., Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Turbin, P.V., Malikov, L.V.	Effect of high-entropy components of nitride layers on nitrogen content and hardness of (TiN-Cu)/(AlN/TiMoVCr)N vacuum-arc multilayer coatings (2016) Journal of Nano- and Electronic Physics, 8 (2), art. no. 02057, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976904239&doi=10.21272/2fjnep.8%282%29.02057&partnerID=40&md5=f0e27c9151f5beece82226442e419f2e
	Beresnev, V.M. , Sobol, O.V., Nyemchenko, U.S., Lytovchenko, S.V., Gorban, G.F., Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Novikov, V.Y.	The influence of nitrogen pressure on the structure of condensates, obtained at vacuum-arc deposition from high entropy alloy AlCrTiZrNbY (2016) Problems of Atomic Science and Technology, 102 (2), pp. 86-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988285614&partnerID=40&md5=e6caa45361baac003c7e813fd949f0
	Beresnev, V.M. , Sobol, O.V., Stolbovoy, A.V., Lytovchenko, S.V., Kolesnikov, D.A., Nyemchenko, U.S., Meylekhov, A.A., Postelnik, A.A.	Influence on mechanical characteristics of thickness of layers in MoN/CrN multilayer coatings, deposited under the influence of negative bias potential (2016) Journal of Nano- and Electronic Physics, 8 (1), art. no. 01043, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963945097&partnerID=40&md5=2e2f593cbd248c75462eb4c12872df18
	Grankin, S.S., Beresnev, V.M. , Sobol', O.V., Lytovchenko, S.V., Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Toryanik, I.N.	Influence of high-voltage constant potential bias on structure and properties of MoN/CrN multilayer composite with different layer thickness (2016) Problems of Atomic Science and Technology, 101 (1), pp. 154-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958550110&partnerID=40&md5=99d8c1b19ca2a99a95cf015e4f8afc6
	Nyemchenko, U.S., Beresnev, V.M. , Sobol, O.V., Lytovchenko, S.V., Stolbovoy, V.A., Novikov, V.J., Meylekhov, A.A., Postelnik, A.A., Kovaleva, M.G.	Structure and mechanical properties of nitride multi-layer systems on the basis of high entropy alloys and transition metals of group VI (2016) Problems of Atomic Science and Technology, 101 (1), pp. 112-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958526946&partnerID=40&md5=e160b03f55d0e751bf5e8a565fe1c4
	Kolesnikov, D.A., Nyemchenko, U.S., Beresnev, V.M. , Sobol', O.V., Novikov, V.A., Lytovchenko, S.V., Stolbovoy, V.A., Goncharov, I.Y., Turbin, P.V., Malikov, L.V.	Multilayer nitride coatings (TiZrNbHf)N/MoN (2016) Journal of Nano- and Electronic Physics, 8 (3), art. no. 03045, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992449498&doi=10.21272/2fjnep.8%283%29.03045&partnerID=40&md5=475a3d564644c9fd063f537e1761e591
	Bondar, O.V., Postolnyi, B.O., Kravchenko, Yu.A., Shypylenko, A.P., Sobol, O.V., Beresnev, V.M. , Kuzmenko, A.P., Zukowski, P.	Fabrication and research of superhard (Zr-Ti-Cr-Nb)N Coatings (2015) Acta Physica Polonica A, 128 (5), pp. 867-870.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952838001&doi=10.12693/2fAPhysPolA.128.867&partnerID=40&md5=e40527428ae8cef970efa78faac870
	Pogrebnyak, A.D., Bondar, O.V., Abadias, G., Eyidi, D., Beresnev, V.M. , Sobol, O.V., Postolnyi, B.O., Zukowski, P.	Investigation of nanoscale TiN/MoN multilayered systems, fabricated using Arc evaporation (2015) Acta Physica Polonica A, 128 (5), pp. 836-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952845412&doi=10.12693/2fAPhysPolA.128.836&partnerID=40&md5=6299af6f223d211a016e336912e0d7c8
	Pogrebnyak, A.D., Yakushchenko, I.V., Bondar, O.V., Sobol', O.V., Beresnev, V.M. , Oyoshi, K., Amekura, H., Takeda, Y.	The microstructure of a multielement nanostructured (TiZrHfVnNbTa)N coating and its resistance to irradiation with Au ⁻ ions (2015) Technical Physics Letters, 41 (11), pp. 1054-1057.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958180195&doi=10.1134%2fS1063785015110085&partnerID=40&md5=90c0d842cc6d0802d6efb4a224268421
	Nemchenko, U.S., Beresnev, V.M. , Klimenko, S.A., Podchernyayeva, I.A., Turbin, P.V., Andreev, A.A.	Wear resistance of the multicomponent coatings of the (Ti-Zr-Hf-V-Nb-Ta)N system at elevated temperature (2015) Journal of Superhard Materials, 37 (5), pp. 322-326.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946098676&doi=10.3103%2fS1063457615050044&partnerID=40&md5=382137b73ba0091ee87d13f2bf7a6914
	Pogrebnyak, A.D., Demianenko, A.A., Pshik, A.V., Kravchenko, Y.A., Sobol', O.V., Beresnev, V.M. , Amekura, H., Kono, K., Oyoshi, K., Takeda, Y., Podchernyayeva, I.A.	Structural features and physico-mechanical properties of AlN-TiB2-TiSi2 amorphous-like coatings (2015) Journal of Superhard Materials, 37 (5), pp. 310-321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946012662&doi=10.3103%2fS1063457615050032&partnerID=40&md5=b662be6759a10de84bad9d22c1ebc88
	Pogrebnyak, A.D., Yakushchenko, I.V., Sobol', O.V., Beresnev, V.M. , Kupchishin, A.I., Bondar, O.V., Lisovenko, M.A., Amekura, H., Kono, K., Oyoshi, K., Takeda, Y.	Influence of residual pressure and ion implantation on the structure, elemental composition, and properties of (TiZrAlYnNb)N nitrides (2015) Technical Physics, 60 (8), pp. 1176-1183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939192762&doi=10.1134%2fS1063784215080228&partnerID=40&md5=3b9ba7348862ecc67c211967fac3e0d4
	Pogrebnyak, A.D., Yakushchenko, I.V., Bondar, O.V., Sobol', O.V., Beresnev, V.M. , Oyoshi, K., Amekura, H., Takeda, Y.	Influence of implantation of Au ⁻ ions on the microstructure and mechanical properties of the nanostructured multielement (TiZrHfVnNbTa)N coating (2015) Physics of the Solid State, 57 (8), pp. 1559-1564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938317552&doi=10.1134%2fS1063784215080259&partnerID=40&md5=13c787198d539475360b47fcf2853748
	Podchernyayeva, I.A., Klimenko, S.A., Beresnev, V.M. , Panashenko, V.M., Toryanik, I.N., Klimenko, S.A., Kopeikina, M.Y.	Formation of a Tribofilm in the Surface Layer of Al-Ti-Cr-N-B Magnetron Coating on Boron Nitride During Turning of Hardened Steel (2015) Powder Metallurgy and Metal Ceramics, 54 (3-4), pp. 140-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957439567&doi=10.1007%2fS11106-015-9691-x&partnerID=40&md5=2b2f7158edb6c1f8da64e2b8aa05fbb2
	Pogrebnyak, A.D., Kravchenko, Y.A., Dem'yanenko, A.A., Sobol', O.V., Beresnev, V.M. , Pshik, A.V.	Peculiarities of the formation of multicomponent AlN-TiB<inf>2</inf>-TiSi<inf>2</inf> composite ceramics coatings during heat treatment (2015) Physics of Metals and Metallography, 116 (6), pp. 576-585.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935922815&doi=10.1134%2fS0031918X15040122&partnerID=40&md5=e1e8d9517b59e408a6a9f9d06e4e6c1a
	Pogrebnyak, A.D., Postol'nyi, B.A., Kravchenko, Y.A., Shipilenko, A.P., Sobol', O.V., Beresnev, V.M. , Kuz'menko, A.P.	Structure and properties of (Zr-Ti-Cr-Nb)N multielement superhard coatings (2015) Journal of Superhard Materials, 37 (2), pp. 101-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928469043&doi=10.3103%2fS1063457615020045&partnerID=40&md5=8d38413f999b73490ea9e48e5c521946
	Pogrebnyak, A.D., Yakushchenko, I.V., Bondar, O.V., Bagdasaryan, A.A., Beresnev, V.M. , Kolesnikov, D.A., Abadias, G., Cbartier, P., Takeda, Y., Bilokur, M.O.	Influence of the Structure and Elemental Composition on the Physical and Mechanical Properties of (TiZrHfVnNb)N Nanostructured Coatings (2015) Advanced Processing and Manufacturing Technologies for Nanostructured and Multifunctional Materials, pp. 173-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016019623&doi=10.1002%2f9781119040354.ch19&partnerID=40&md5=f39f564e5cf67f6670d38af6a180fe81
	Pogrebnyak, A.D., Kaverina, A.S., Beresnev, V.M. , Takeda, Y., Oyoshi, K., Murakami, H., Shypylenko, A.P., Kovaleva, M.G., Prozorova, M.S., Kolisnichenko, O.V., Zholybekov, B., Kolesnikov, D.A.	Investigation of Multilayer Superhard Ti-Hf-Si-N/NbN/Al2O3 Coatings for High Performance Protection (2015) Advanced Processing and Manufacturing Technologies for Nanostructured and Multifunctional Materials, pp. 163-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016042081&doi=10.1002%2f9781119040354.ch18&partnerID=40&md5=bc5211b088903968ecc07ed813b8f24f
	Nyemchenko, U.S., Beresnev, V.M. , Gorban, V.F., Novikov, V.J., Yaremchenko, O.V.	Comparing the tribological properties of the coatings (Ti-Hf-Zr-V-Nb-Ta)N and (Ti-Hf-Zr-V-Nb-Ta)N + DLC (2015) Journal of Nano- and Electronic Physics, 7 (3), art. no. 03041, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946744572&partnerID=40&md5=c0736deb59e1dc50f89860ecfcd56d28
	Nyemchenko, U.S., Novikov, V.J., Stolbovoy, V.A., Beresnev, V.M. , Sobol', O.V.	Frictional properties of multielement coatings (TiZrHfVnNbTa)N (2015) Problems of Atomic Science and Technology, 96 (2), pp. 139-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928661234&partnerID=40&md5=95b42fcb24151a7ca539a3507596d0cd
	Kovaleva, M.G., Tyurin, Y.N., Beresnev, V.M. , Prozorova, M.S., Arsenko, M.Y., Sirot, V.V., Pavlenko, I.A.	Deposition and characterization of nanocomposition Cr3C2-Ta-C-NiCr coating by multi-chamber detonation sprayer (2015) Springer Proceedings in Physics, 167, pp. 3-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951136833&doi=10.1007%2f978-3-319-18543-9_1&partnerID=40&md5=04d6751e0deef6858b3232cf5c71f31
	Smolikov, A., Vezentsev, A., Beresnev, V. , Pavlenko, V., Zagorodniuk, L., Turbin, P.	Nanotubular crystals of garnierite Ni<inf>6</inf>(OH)<inf>8</inf>[Si<inf>4</inf>O<inf>10</inf>] (2015) Problems of Atomic Science and Technology, 96 (2), pp. 145-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928669185&partnerID=40&md5=624b7c980e4c6ef81301fc9278f99588
	Pogrebnyak, A.D., Eyidi, D., Abadias, G., Bondar, O.V., Beresnev, V.M. , Sobol, O.V.	Structure and properties of arc evaporated nanoscale TiN/MoN multilayered systems (2015) International Journal of Refractory Metals and Hard Materials, 48, pp. 222-228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907652180&doi=10.1016%2fj.ijrmhm.2014.07.043&partnerID=40&md5=28b282e366977de23ee67819b4ec2201
	Grankin, S.S., Stolbovoy, V.A., Nyemchenko, U.S., Beresnev, V.M. , Sobol', O.V., Lytovchenko, S.V., Turbin, P.V., Novikov, V.Y., Protosenko, Z.N.	Tribological characteristics and mechanical properties of multilayer vacuum-arc coatings TiN/ZrN (2015) Problems of Atomic Science and Technology, 99 (5), pp. 70-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945298505&partnerID=40&md5=95167e137a0960f5657d5386cbdb74a9

Beresnev, V.M., Torianyk, I.N., Pogrebnyak, A.D., Bondar, O.V., Bilokur, M., Sobol, O.V., Kolesnikov, D.A., Lytovchenko, S.V., Turbin, P.V.	Structure and physical and mechanical Properties of nanocomposite (Zr-Ti-Cr-Nb)N and (Ti-Zr-Al-Nb-Y)N coatings, obtained by vacuum-arc evaporation method (2015) Springer Proceedings in Physics, 156, pp. 75-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927600796&doi=10.1007%2F978-3-319-06611-0_5&partnerID=40&md5=3e882d0600da5d76ce12448463585f70
Bondar, O.V., Postol'nyi, B.A., Beresnev, V.M., Abadias, G., Chartier, P., Sobol, O.V., Kolesnikov, D.A., Komarov, F.F., Lisovenko, M.O., Andreev, A.A.	Composition, structure and tribotechnical properties of TiN, MoN single-layer and TiN/MoN multilayer coatings (2015) Journal of Superhard Materials, 37 (1), pp. 27-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928652421&doi=10.3103%2F1063457615010050&partnerID=40&md5=b13ba68d8ac5f99e2ada86cddfffc43c
Grankin, S.S., Beresnev, V.M., Sobol, O.V., Stolbovoy, V.A., Novikov, V.Y., Lytovchenko, S.V., Nyemchenko, U.S., Meylekhov, A.A., Kovaleva, M.G., Postelnik, A.A., Toryanik, I.N.	Structure, substructure, hardness and adhesion strength of multiperiod composite coatings MoN/CrN (2015) Journal of Nano- and Electronic Physics, 7 (4), art. no. 04050, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959449533&partnerID=40&md5=c66c0350cbce3c46cb1035f60fa9c86d
Pogrebnyak, A.D., Yakushchenko, I.V., Bagdasaryan, A.A., Bondar, O.V., Krause-Rehberg, R., Abadias, G., Chartier, P., Oyoshi, K., Takeda, Y., Beresnev, V.M., Sobol, O.V.	Microstructure, physical and chemical properties of nanostructured (Ti-Hf-Zr-V-Nb)N coatings under different deposition conditions (2014) Materials Chemistry and Physics, 147 (3), pp. 1079-1091.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905699680&doi=10.1016%2Fj.matchemphys.2014.06.062&partnerID=40&md5=fe1f521d824276ce69e29a137ad90
Azarenkov, N.A., Lytovchenko, S.V., Beresnev, V.M., Chyskhal, V.O., Veliev, Y.I.	Condensation of silicide films from pure components (2014) Problems of Atomic Science and Technology, 89 (1), pp. 180-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893643080&partnerID=40&md5=fbd9e9b059207b2b780dc81ad66a3b5
Toryanik, I.N., Beresnev, V.M., Serduyk, I.V., Pogrebnyak, A.D., Sobol, O.V., Druchinina, O.A., Kovalyova, M.G., Turbin, P.V., Nyemchenko, U.S., Kolesnikov, D.A., Dmytrenko, A.E.	Structure and physical and mechanical properties of nanocomposite coatings of the system (Zr-Ti-Cr-Nb)N, obtained by vacuum-arc evaporation method (2014) Problems of Atomic Science and Technology, 89 (1), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893643930&partnerID=40&md5=958fec845c744dd6d48fbc88842fe4a7
Bondar, O.V., Postolnyi, B.O., Sobol, O.V., Beresnev, V.M.	Properties of superhard (Zr-Ti-Cr-Nb)N nanocoatings (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959624, pp. 771-772.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915818989&doi=10.1109%2FCRMI.2014.6959624&partnerID=40&md5=805fcbbeb1b21288c2ee0116211d3e5
Pogrebnyak, A.D., Bagdasaryan, A.A., Yakushchenko, I.V., Beresnev, V.M.	The structure and properties of high-entropy alloys and nitride coatings based on them (2014) Russian Chemical Reviews, 83 (11), pp. 1027-1061.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914689183&doi=10.1070%2FRCR4407&partnerID=40&md5=8afcd7c8827ce790ebc13a1e7f5d8516
Pogrebnyak, A.D., Pshyk, A.V., Beresnev, V.M., Zholybekov, B.R.	Protection of specimens against friction and wear using titanium-based multicomponent nanocomposite coatings: A review (2014) Journal of Friction and Wear, 35 (1), pp. 55-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897678901&doi=10.3103%2F1068366614010073&partnerID=40&md5=5a82f431bc0a5e59ea3f4b4ee6a35df
Pogrebnyak, A.D., Kaverin, M.V., Beresnev, V.M.	Influence of the phase and elemental compositions and defect structure on the physicochemical properties and tribotechnical characteristics of nanostructural Ti-Hf-Si-N coatings (2014) Technical Physics, 59 (1), pp. 85-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893339085&doi=10.1134%2F1063784214010149&partnerID=40&md5=af355e53f9c16dc7e26d4d5477458ccd
Grigoriev, S.N., Sobol, O.V., Beresnev, V.M., Serduyk, I.V., Pogrebnyak, A.D., Kolesnikov, D.A., Nemchenko, U.S.	Tribological characteristics of (TiZrHfVNbTa)N coatings applied using the vacuum arc deposition method (2014) Journal of Friction and Wear, 35 (5), pp. 359-364.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910154721&doi=10.3103%2F1068366614050067&partnerID=40&md5=67ef41ddabd501effb923e0de32a14b5
Beresnev, V.M., Grankin, S.S., Novikov, V.Y., Nyemchenko, U.S., Sobol, O.V., Turbin, P.V.	Tribotechnical properties of the coatings (Ti-Zr-Nb)N (2014) Journal of Nano- and Electronic Physics, 6 (4), art. no. 04011, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919433529&partnerID=40&md5=da37efc18998d61d54ba11061944e1a6
Beresnev, V.M., Smolyakova, M.Y., Pogrebnyak, A.D., Kaverina, A.S., Drobyshevskaya, A.A., Svetlichnyy, E.A., Kolesnikov, D.A.	Studying tribological characteristics of alumina- and zirconia-based ceramics (2014) Journal of Friction and Wear, 35 (2), pp. 137-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84912133225&doi=10.3103%2F1068366614020020&partnerID=40&md5=8b1451ab2450a7afa23aff397ae8fa0c
Klimenko, S.A., Podchernjaeva, I.A., Beresnev, V.M., Panashenko, V.M., Klimenko, S.An., Kopeikina, M.Yu.	AlN-(TiCr)B2 ion-plasma coating for cutting tools of cBN-based polycrystalline superhard material (2014) Journal of Superhard Materials, 36 (3), pp. 208-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905498518&doi=10.3103%2F1063457614030095&partnerID=40&md5=dd790d784fd95e1319f235a97b400779
Beresnev, V.M., Klimenko, S.A., Toryanik, I.N., Pogrebnyak, A.D., Sobol, O.V., Turbin, P.V., Grankin, S.S.	Superhard coatings of the (Zr-Ti-Si)N and (Ti-Hf-Si)N systems produced by vacuum-arc deposition from a separated flow (2014) Journal of Superhard Materials, 36 (1), pp. 29-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896327144&doi=10.3103%2F1063457614010055&partnerID=40&md5=b2de189d460726073517072e206f26ff
Pogrebnyak, A.D., Yakushchenko, I.V., Bondar, O.V., Bagdasaryan, A.A., Beresnev, V.M., Kolesnikov, D.A., Abadias, G., Chartier, P., Takeda, Y., Bilokur, M.O.	Influence of the structure and elemental composition on the physical and mechanical properties of (TiZrHfVNb)N nanostructured coatings (2014) Ceramic Engineering and Science Proceedings, 35 (6), pp. 173-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922564158&partnerID=40&md5=deaf6a0233eaf33bc10a449840d3206
Pogrebnyak, A.D., Abadias, G., Chartier, P., Bondar, O.V., Yakushchenko, I.V., Takeda, Y., Krause-Rehberg, R., Kolesnikov, D.A., Beresnev, V.M., Partiya, J.	Influence of deposition parameters and thermal annealing on the structure and properties of nitride coatings (TiHfZrVnNb)N (2014) Acta Physica Polonica A, 125 (6), pp. 1296-1298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914699996&doi=10.12693%2FAPhysPoA.125.1296&partnerID=40&md5=15b15c8f63698bcb12d777c7bce153
Toryanik, I.N., Grudnitskii, V.V., Beresnev, V.M., Sobol, O.V., Lytovchenko, S.V., Turbin, P.V., Serduyk, I.V., Goncharov, I.Y.	Effect of temperature on distribution of elements and surface morphology in the (Ti, Hf)N-coating/Si-substrate system (2014) Problems of Atomic Science and Technology, 90 (2), pp. 149-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940262419&partnerID=40&md5=da7f2f79936c77187b4593419bc262d1
Pogrebnyak, A.D., Abadias, G., Bondar, O.V., Sobol, O.V., Beresnev, V.M., Pshyk, A.V., Demianenko, A.A., Belovol, K.O., Kolesnikov, D.A., Komsta, H.	High temperature annealing of ion-plasma nanostructured coatings based on AlN-TiB2(TiSi2) (2014) Acta Physica Polonica A, 125 (6), pp. 1284-1287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914699997&doi=10.12693%2FAPhysPoA.125.1284&partnerID=40&md5=b0491aa05ee48f015470343db8e6f72d
Beresnev, V.M., Sobol, O.V., Torianyk, I.M., Meylekhov, A.A., Nyemchenko, U.S., Turbin, P.V., Yakushchenko, I.V., Lisovenko, M.O.	Formation of biphasic state in vacuum-arc coatings obtained by evaporation of Ti-Al-Zr-Nb-Y alloy in the atmosphere of nitrogen (2014) Journal of Nano- and Electronic Physics, 6 (1), art. no. 01030, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898482986&partnerID=40&md5=47edcc1cb4163fa0260e6a4010207cb
Yakushchenko, I.V., Sobol, O.V., Beresnev, V.M., Kupshishin, A.I., Bondar, O.V., Amekura, H., Kono, K., Oyoshi, K., Takeda, Y., Lisovenko, M.O.	Influence of residual gas pressure and ion implantation on the properties of nitride high-entropy alloys (TiZrAlYNb)N (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959613, pp. 744-745.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915746665&doi=10.1109%2FCRMI.2014.6959613&partnerID=40&md5=a4427a24a825b1bf69d324d252247a15
Pogrebnyak, A.D., Abadias, G., Bondar, O.V., Postolnyi, B.O., Lisovenko, M.O., Kyrchenko, O.V., Andreev, A.A., Beresnev, V.M., Kolesnikov, D.A., Opielak, M.	Structure and properties of multilayer nanostructured coatings TiN/MoN depending on deposition conditions (2014) Acta Physica Polonica A, 125 (6), pp. 1280-1283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915756471&doi=10.12693%2FAPhysPoA.125.1280&partnerID=40&md5=a3e453e8c082c98a42505e0ec5845729
Pogrebnyak, A.D., Beresnev, V.M., Bondar, O.V., Abadias, G., Chartier, P., Postolnyi, B.A., Andreev, A.A., Sobol, O.V.	The effect of nanolayer thickness on the structure and properties of multilayer TiN/MoN coatings (2014) Technical Physics Letters, 40 (3), pp. 215-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898971259&doi=10.1134%2F1063785014030092&partnerID=40&md5=bd95f2d8a0ea6fa72b1242ac0f449b7e
Beresnev, V.M., Torianyk, I.M., Sobol, O.V., Pogrebnyak, A.D., Kropotov, A.Y., Stervoedov, N.G., Nyemchenko, U.S., Kolesnikov, D.A., Klimenko, S.A., Turbin, P.V.	AlN-TiB2-TiSi2 coatings obtained by pulsed magnetron sputtering (2014) Technical Physics, 59 (8), pp. 1220-1223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906054798&doi=10.1134%2F1063784214080052&partnerID=40&md5=595b015c620e7ca19deb1614c211dc98

	Beresnev, V.M. , Bondar, O.V., Postolnyi, B.O., Lisovenko, M.O., Abadias, G., Chartier, P., Kolesnikov, D.A., Borisyuk, V.N., Mukushev, B.A., Zholybekov, B.R., Andreev, A.A.	Comparison of tribological characteristics of nanostructured TiN, MoN, and TiN/MoN Arc-PVD coatings (2014) Journal of Friction and Wear, 35 (5), pp. 374-382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910146732&doi=10.3103%2FIS1068366614050031&partnerID=40&md5=60357009124ee77ebccf3120f8203bc
	Pogrebnyak, A.D., Kaverina, A.S., Beresnev, V.M. , Takeda, Y., Oyoshi, K., Murakami, H., Shpylenko, A.P., Kovalova, M.G., Prozorova, M.S., Kolisnichenko, O.V., Zholybekov, B., Kolesnikov, D.A.	Investigation of multilayer superhard Ti-Hf-Si-N/NbN/Al<inf>2</inf>-O<inf>3</inf> coatings for high performance protection (2014) Ceramic Engineering and Science Proceedings, 35 (6), pp. 163-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922531391&partnerID=40&md5=8c06092daafdb548262419c9ac097568
	Beresnev, V.M. , Bondar, A.V., Bagdasar'yan, A.A., Kaverin, M.V., Ponomarev, A.G.	Modification of the stress-strain state for multicomponent (Ti-Zr-Hf-V-Nb)N nanostructured coatings by annealing at 600 °C (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653068, pp. 798-799.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891139855&partnerID=40&md5=ffa46171bd63432d99b0258ed60ad789
	Azarenkov, N.A., Pshyk, A.V., Sobol, O.V., Beresnev, V.M. , Turbin, P.V., Lytovchenko, S.V., Kolesnikov, D.A.	Properties of AlN-TiB ₂ -TiSi ₂ coating system obtained by magnetron sputtering (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653080, pp. 824-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891066252&partnerID=40&md5=4ba241fa6d785608791b82e7ca85729a
	Bondar, O.V., Andreyev, A.A., Postolnyi, B.A., Abadias, G., Beresnev, V.M. , Sobol, O.V.	Investigation of multilayer nanostructured TiN/MoN coatings with different thicknesses of monolayers and their formation using C-PVD (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653100, pp. 865-866.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891111852&partnerID=40&md5=4132e157ee4586ff8e4c989e8f4f3fc
	Bondar, O.V., Beresnev, V.M. , Yakuschenko, I.V., Takeda, Y., Krause-Rehberg, R., Kolesnikov, D.A.	Influence of deposition and annealing parameters on phase-elemental composition of high entropy alloys nitrides (Ti-Zr-Hf-V-Nb)N (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653070, pp. 802-803.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891095968&partnerID=40&md5=c69aec5c3a18ca3d53d1284fec2add0
	Pogrebnyak, A.D., Yakuschenko, I.V., Abadias, G., Chartier, P., Bondar, O.V., Beresnev, V.M. , Takeda, Y., Sobol', O.V., Oyoshi, K., Andreyev, A.A., Mukushev, B.A.	The effect of the deposition parameters of nitrides of high-entropy alloys (TiZrHfVNB)N on their structure, composition, mechanical and tribological properties (2013) Journal of Superhard Materials, 35 (6), pp. 356-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891788873&doi=10.3103%2FIS106345761306004X&partnerID=40&md5=9f6879400bf71aa62a8c4ca22421995d
	Pogrebnyak, A.D., Beresnev, V.M. , Bondar', A.V., Kaverin, M.V., Ponomarev, A.G.	Investigation of (Ti-Zr-Hf-V-Nb)N Multicomponent Nanostructured Coatings before and after Thermal Annealing by Nuclear Physics Methods of Analysis (2013) Russian Physics Journal, 56 (5), pp. 532-541.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892365331&doi=10.1007%2F11182-013-0065-x&partnerID=40&md5=ed2e52c850c143f8a65666e4a9ccf56
	Azarenkov, N.A., Sobol, O.V., Beresnev, V.M. , Pogrebnyak, A.D., Kolesnikov, D.A., Turbin, P.V., Toryanik, I.N.	Vacuum-plasma coatings based on the multielement nitrides (2013) Metallofizika i Noveishie Tekhnologii, 35 (8), pp. 1061-1084.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886439720&partnerID=40&md5=ee5b712ee92876e7a658661835d16029
	Krause-Rehberg, R., Pogrebnyak, A.D., Borisyuk, V.N., Kaverin, M.V., Ponomarev, A.G., Bilokur, M.A., Oyoshi, K., Takeda, Y., Beresnev, V.M. , Sobol', O.V.	Analysis of local regions near interfaces in nanostructured multicomponent (Ti-Zr-Hf-V-Nb)N coatings produced by the cathodic-arc-vapor-deposition from an arc of an evaporating cathode (2013) Physics of Metals and Metallography, 114 (8), pp. 672-680.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884341078&doi=10.1134%2FIS0031918X13080061&partnerID=40&md5=62ea72bdb896352103d76ea1150db125
	Pogrebnyak, A., Baidak, V., Beresnev, V. , Turbin, P., Makhmudov, N., Ilyashenko, M., Kolesnikov, D., Tashmetov, M.	Physical-mechanical properties of superhard nanocomposite coatings on base Zr-Ti-Si-N (2013) Medziagotyra, 19 (2), pp. 140-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878362806&doi=10.5755%2Fj01.ms.19.2.4429&partnerID=40&md5=2296f531cdcc93cfc060935865a49e93
	Andreev, A.A., Beresnev, V.M. , Volosova, M.A., Grigor'ev, S.N., Kolesnikov, D.A., Pogrebnyak, A.D., Serdyuk, I.V., Sobol', O.V., Turbin, P.V.	Tribological characteristics of nanocomposite vacuum-plasma Ti-Hf, Ti-Hf-N, and Ti-Hf-Si-N coatings (2013) Journal of Friction and Wear, 34 (3), pp. 175-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879725874&doi=10.3103%2FIS1068366613030033&partnerID=40&md5=80c454390a4cd4ac6635963b157662b7
	Pogrebnyak, A.D., Prozorova, M.S., Kovalyova, M.G., Kolisnichenko, O.V., Beresnev, V.M. , Oyoshi, K., Takeda, Y., Kaverina, A.S., Shpylenko, A.P., Partyka, J.	Formation of multilayered Ti-Hf-Si-N/NbN/Al ₂ O ₃ coatings with high physical and mechanical properties (2013) Acta Physica Polonica A, 123 (5), pp. 813-815.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876838214&doi=10.12693%2FActaPhysPolA.123.813&partnerID=40&md5=27f700168c1723d25b085fd69831ab4a
	Pogrebnyak, A.D., Beresnev, V.M. , Kolesnikov, D.A., Bondar, O.V., Takeda, Y., Oyoshi, K., Kaverin, M.V., Sobol, O.V., Krause-Rehberg, R., Karwat, C.	Multicomponent (Ti-Zr-Hf-V-Nb)N nanostructure coatings fabrication, high hardness and wear resistance (2013) Acta Physica Polonica A, 123 (5), pp. 816-818.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876863511&doi=10.12693%2FActaPhysPolA.123.816&partnerID=40&md5=d0c334b745196df65cb6900c4d78332
	Pogrebnyak, A.D., Beresnev, V.M. , Kolesnikov, D.A., Kaverin, M.V., Shpylenko, A.P., Oyoshi, K., Takeda, Y., Krause-Rehberg, R., Ponomarev, A.G.	The effect of segregation and thermomodification on the formation of interfaces in nanostructured (Ti-Hf-Zr-V-Nb)N multielement coatings (2013) Technical Physics Letters, 39 (3), pp. 280-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876299189&doi=10.1134%2FIS1063785013030231&partnerID=40&md5=78aaa0671c9c12d448fa20ef23899af0
	Azarenkov, N.A., Beresnev, V.M. , Toryanik, I.S., Pogrebnyak, A.D., Sobol, O.V., Drobyshvskaya, A.A., Kropotov, A.Y., Tolmacheva, G.N., Klymenko, S.A., Turbin, P.V., Lytovchenko, S.V., Kolesnikov, D.A.	Ion-plasma coating AlN-TiB ₂ -TiSi ₂ systems, obtaining and properties (2013) Problems of Atomic Science and Technology, (2), pp. 144-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876211364&partnerID=40&md5=b6c575e8bb5c799a5ac6f61add3f1f09
	Pogrebnyak, A.D., Beresnev, V.M. , Kaverina, A.S., Shpylenko, A.P., Kolisnichenko, O.V., Oyoshi, K., Takeda, Y., Murakami, H., Kolesnikov, D.A., Prozorova, M.S.	Formation of superhard Ti-Hf-Si-N/NbN/Al ₂ O ₃ multilayer coatings for highly effective protection of steel (2013) Technical Physics Letters, 39 (2), pp. 189-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874904427&doi=10.1134%2FIS1063785013020223&partnerID=40&md5=323424f8ed6a29be42caea3de01da52c
	Pogrebnyak, A.D., Bratushka, S.N., Beresnev, V.M. , Levintant-Zayots, N.	Shape memory effect and superelasticity of titanium nickelide alloys implanted with high ion doses (2013) Russian Chemical Reviews, 82 (12), pp. 1135-1159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896506969&doi=10.1070%2FRAC2013v082n12ABEH004344&partnerID=40&md5=1f59b870ea0c924df86cd03428e80b1
	Pogrebnyak, A.D., Beresnev, V.M.	Nanocoatings nanosystems nanotechnologies (2012) Nanocoatings Nanosystems Nanotechnologies, 147 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863454175&doi=10.2174%2F97816080541691120101&partnerID=40&md5=59d507693c663476149c5c4de5ac313e
	Pogrebnyak, A.D., Shpak, A.P., Beresnev, V.M. , Kolesnikov, D.A., Kunitskii, Yu.A., Sobol, O.V., Uglov, V.V., Komarov, F.F., Shpylenko, A.P., Makhmudov, N.A., Demyanenko, A.A., Baidak, V.S., Grudnitskii, V.V.	Effect of thermal annealing in vacuum and in air on nanograin sizes in hard and superhard coatings Zr-Ti-Si-N (2012) Journal of Nanoscience and Nanotechnology, 12 (12), pp. 9213-9219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876204649&doi=10.1166%2Fjnn.2012.6777&partnerID=40&md5=e5a25fa9c78910ad5a3d3be43c0fe086
	Pogrebnyak, A.D., Beresnev, V.M. , Kolesnikov, D.A., Demianenko, A.S., Takeda, Y., Oyoshi, K., Shpylenko, A.P., Kaverin, M.V., Abrasonis, A.O., Krause-Rehberg, R., Andreyev, A.O.	Multicomponent (Ti-Zr-Hf-V-Nb)N nanostructure coatings fabrication, their properties and structure (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336150, pp. 691-692.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869807479&partnerID=40&md5=381a54bf0d29b47d70f887b70f57e1a
	Pogrebnyak, A.D., Ponomarev, A.G., Kolesnikov, D.A., Beresnev, V.M. , Komarov, F.F., Mel'nik, S.S., Kaverin, M.V.	Effect of mass transfer and segregation on the formation of superhard nanostructured Ti-Hf-N(Fe) coatings (2012) Technical Physics Letters, 38 (7), pp. 623-626.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866292187&doi=10.1134%2FIS1063785012070103&partnerID=40&md5=a7b1658788cb35580c4201bdc371442

Pogrebnjak, A.D., Beresnev, V.M. , Demianenko, A.A., Baidak, V.S., Komarov, F.F., Kaverin, M.V., Makhmudov, N.A., Kolesnikov, D.A.	Adhesive strength, superhardness, and the phase and elemental compositions of nanostructured coatings based on Ti-Hf-Si-N (2012) Physics of the Solid State, 54 (9), pp. 1882-1890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866090070&doi=10.1134%2F51063783412090247&partnerID=40&md5=1e2d97730953f4c5fa9466aba8944c7
Pogrebnjak, A.D., Mahmood, A.M., Demianenko, A.A., Baidak, V.S., Beresnev, V.M. , Shpylenko, A.P., Grudnitskii, V.V., Zhukowski, P.	Physical and mechanical properties, effect of thermal annealing in vacuum and in air on nanograin sizes in hard and superhard coatings Zr-Ti-Si-N [Fizyczne i mechaniczne właściwości, wpływ wygrzewania w próżni i w powietrzu na nanorozmiarowe ziarna w twardych i superciężkich powłokach Zr-Ti-Si-N] (2012) Przegląd Elektrotechniczny, 88 (7 A), pp. 315-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863619421&partnerID=40&md5=15fc89ef664237e110f3dd762c95d994
Pogrebnjak, A.D., Beresnev, V.M. , Kaverina, A.S., Kolesnikov, D.A., Yakushchenko, I.V., Ilyashenko, M.V., Makhmudov, N.A.	Adhesive strength and physical, mechanical, and triboengineering properties of nano- and microstructural Al ₂ O ₃ coatings (2012) Journal of Friction and Wear, 33 (3), pp. 195-202.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863098302&doi=10.3103%2F51068366612030087&partnerID=40&md5=f00c0b388d8d988f384c3df24a9bec66
Beresnev, V.M. , Kaverin, M.V., Makhmud, A.M., Smolyakova, M.Y., Kolesnikov, D.A., Kirik, G.V., Komarov, F.F., Grudnitskii, V.V., Nemchenko, U.S.	Triboengineering properties of nanocomposite coatings Ti-Zr-Si-N deposited by ion plasma method (2012) Journal of Friction and Wear, 33 (3), pp. 167-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863087662&doi=10.3103%2F51068366612030026&partnerID=40&md5=1f48daf7eed54328d1981476a0aea149
Pavlenko, V.I., Rakhimbayev, S.M., Beresnev, V.M. , Kolesnikov, D.A., Kiriya, I.I.	Concrete of biological shielding for nuclear reactors RBPC (2012) Problems of Atomic Science and Technology, (2), pp. 73-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860129134&partnerID=40&md5=e8f85bf6669bdc90865f6128a1cf5032
Pogrebnjak, A.D., Beresnev, V.M. , Shpak, A.P., Konarskii, P., Komarov, F.F., Kirik, G.V., Makhmudov, N.A., Kolesnikov, D.A., Uglov, V.V., Sobol, O.V., Kaverin, M.V., Grudnitskii, V.V.	Effect of deposition parameters on the superhardness and stoichiometry of nanostructured Ti-Hf-Si-N films (2012) Russian Physics Journal, 54 (11), pp. 1218-1225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859496576&doi=10.1007%2F511182-012-9734-4&partnerID=40&md5=4053fe91326d6ff99f030d093044ea92
Beresnev, V.M. , Sobol, O.V., Kolesnikov, D.A., Kirik, G.V., Muhammed, A.K.M., Turbin, P.V., Gru-Dnytskyi, V.V., Toryanyk, I.M., Nemchenko, U.S.	Physicochemical and mechanical properties of nanostructured nitride coatings (2012) Metallofizika i Noveishie Tekhnologii, 34 (2), pp. 137-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860874633&partnerID=40&md5=82475d0b42ee3096ec5fdb7b152ae232
Pogrebnjak, A.D., Beresnev, V.M. , Ilyashenko, M.V., Kolesnikov, D.A., Shpylenko, A.P., Kaverina, A.Sh., Erdybaeva, N.K., Kosy, K., Zukovski, P.V., Komarov, F.F., Grudnitskii, V.V.	Structure and properties multilayered micro- and nanocomposite coatings of Ti-N-Al/Ti-N/Al ₂ O ₃ (2011) Ceramic Engineering and Science Proceedings, 32 (7), pp. 69-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82355175420&partnerID=40&md5=ae71659339c2a8735a6904b6fcc980b7
Sudzhanskaya, I.V., Kolesnikov, D.A., Beresnev, V.M. , Pogrebnjak, A.D., Gritsenko, V.I., Yu Goncharov, I., Turbin, P.V., Toryanyk, I.N.	Properties of AlN coating received by vacuum-arc method on silicon (2011) Problems of Atomic Science and Technology, (6), pp. 145-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84555218234&partnerID=40&md5=5a0c9997228e5732bd79cf364fee9da7
Grudnitsky, V.V., Yu Smolyakova, M., Nemchenko, U.S., Beresnev, V.M. , Pogrebnjak, A.D., Sobol, O.V., Kolesnikov, D.A., Turbin, P.V., Kaverin, M.V.	Physico-mechanical and tribological properties of nanocomposite coatings Zr-Ti-Si-N, Ti-Hf-Si-N (2011) Problems of Atomic Science and Technology, (6), pp. 179-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84555196994&partnerID=40&md5=76f278ccd3e6f2ad124a2e641b95404
Sobol, O.V., Pogrebnjak, A.D., Beresnev, V.M.	Effect of the preparation conditions on the phase composition, structure, and mechanical characteristics of vacuum-Arc Zr-Ti-Si-N coatings (2011) Physics of Metals and Metallography, 112 (2), pp. 188-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054909116&doi=10.1134%2F50031918X11020268&partnerID=40&md5=8d03292752a426006ef2e372445c8e38
Pogrebnjak, A.D., Drobyshesvskaya, A.A., Beresnev, V.M. , Kylyshkanov, M.K., Kirik, T.V., Dub, S.N., Komarov, F.F., Shipilenko, A.P., Tuleushev, Y.Z.	Micro- and nanocomposite Ti-Al-N/Ni-Cr-B-Si-Fe-based protective coatings: Structure and properties (2011) Technical Physics, 56 (7), pp. 1023-1030.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960312654&doi=10.1134%2F51063784211070188&partnerID=40&md5=371473affbfe1084bd9b2834c7c6d07f
Pogrebnjak, A.D., Shpak, A.P., Beresnev, V.M. , Kirik, G.V., Kolesnikov, D.A., Komarov, F.F., Konarski, P., Makhmudov, N.A., Kaverin, M.V., Grudnitskii, V.V.	Stoichiometry, phase composition, and properties of superhard nanostructured Ti-Hf-Si-N coatings obtained by deposition from high-frequency vacuum-arc discharge (2011) Technical Physics Letters, 37 (7), pp. 636-639.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961206173&doi=10.1134%2F51063785011070145&partnerID=40&md5=aa26b05ad47ac73331170e8638ef94e
Pogrebnjak, A.D., Shpak, A.P., Kirik, G.V., Erdybaeva, N.K., Ilyashenko, M.V., Dem'Yanenko, A.A., Kunitskii, Y.A., Kaverina, A.S., Baidak, V.S., Makhmudov, N.A., Zukowski, P.V., Komarov, F.F., Beresnev, V.M. , Ruzimov, S.M., Shpylenko, A.P.	Multilayered nano-microcomposite Ti-Al-N/TiN/Al ₂ O ₃ coatings. Their structure and properties (2011) Acta Physica Polonica A, 120 (1), pp. 94-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957873020&partnerID=40&md5=002ce9e35986427ed273c8e1ad0bc98d
Pogrebnjak, A.D., Shpak, A.P., Beresnev, V.M. , Ilyashenko, M.V., Komarov, F.F., Shpylenko, A.P., Kaverin, M.V., Zukovski, P.V., Kunitskyi, Y.A., Kolesnikov, D.A., Kolisnichenko, O.V., Makhmudov, N.A.	Structure and properties of nano- and microcomposite coating based on Ti-Si-N/WC-Co-Cr (2011) Acta Physica Polonica A, 120 (1), pp. 100-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957833569&partnerID=40&md5=514a44b08dfe1eb8910b5a8dc5c21a84
Beresnev, V.M. , Pogrebnjak, A.D., Turbin, P.V., Dub, S.N., Kirik, G.V., Kylyshkanov, M.K., Shvets, O.M., Gritsenko, V.I., Shipilenko, A.P.	Tribotechnical and Mechanical Properties of Ti-Al-N Nanocomposite Coatings Deposited by the Ion-Plasma Method (2010) Journal of Friction and Wear, 31 (5), pp. 349-355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650137934&doi=10.3103%2F51068366610050053&partnerID=40&md5=24a31b4d859f51e63c140b485b5aeac8
Pogrebnjak, A.D., Uglov, V.V., Ilyashenko, M.V., Beresnev, V.M. , Shpak, A.P., Kaverin, M.V., Erdybaeva, N.K., Kunitskyi, Yu.A., Tyurin, Yu.N., Kolisnichenko, O.V., Makhmudov, N.A., Shpylenko, A.P.	Nano-microcomposite and combined coatings on Ti-Si-N/WC-Co-Cr/steel and Ti-Si-N/(Cr ₃ C ₂) ₇₅ -(NiCr) ₂₅ Base: Their structure and properties (2010) Ceramic Engineering and Science Proceedings, 31 (7), pp. 115-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952472211&partnerID=40&md5=9fc87b618602868f9b8c27760c2970ad
Pogrebnjak, A.D., Sobol, O.V., Beresnev, V.M. , Turbin, P.V., Kirik, G.V., Makhmudov, N.A., Ilyashenko, M.V., Shpylenko, A.P., Kaverin, M.V., Tashmetov, M.Yu., Pshyk, A.V.	Phase composition, thermal stability, physical and mechanical properties of superhard on base Zr-Ti-Si-N nanocomposite coatings (2010) Ceramic Engineering and Science Proceedings, 31 (7), pp. 127-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952468118&partnerID=40&md5=8b4f2b12ee8d65d51655d31ab8b1fec
Beresnev, V.M. , Sobol, O.V., Pogrebnjak, A.D., Turbin, P.V., Litovchenko, S.V.	Thermal stability of the phase composition, structure, and stressed state of ion-plasma condensates in the Zr-Ti-Si-N system (2010) Technical Physics, 55 (6), pp. 871-873.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954178100&doi=10.1134%2F51063784210060216&partnerID=40&md5=d1549b6c4c45f8610166e53ee0b6fe16
Beresnev, V.M. , Sobol, O.V., Pogrebnjak, A.D., Turbin, P.V., Mamon, V.V., Lavrinenko, S.D., Fursova, E.V.	Features of the structurally-phase state of multicomponent coatings on basis of Zr-Ti-Si-N system formed by the method of the vacuum-arc deposition (2009) Problems of Atomic Science and Technology, (6), pp. 158-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549289903&partnerID=40&md5=a7a9f01eb88be599e57e2997dd8c6282
Pogrebnjak, A.D., Levintant, N., Malikov, L.V., Beresnev, V.M. , Bratushka, S.N., Yerdabyeva, N.K., Czeppa, T., Zwiatak, Z., Micleales, M.	Inhomogeneous structure of near-surface layers in the ion-implanted NiTi alloy (2009) Problems of Atomic Science and Technology, (6), pp. 162-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549232672&partnerID=40&md5=6ac5f0136ac7b1287ad5cc05ee09463f
Pogrebnjak, A.D., Danilenok, M.M., Drobyshesvskaya, A.A., Beresnev, V.M. , Erdybaeva, N.K., Kirik, G.V., Dub, S.N., Rusakov, V.S., Uglov, V.V., Shipilenko, A.P., Tuleushev, Y.Z.	Investigation of the structure and physicochemical properties of combined nanocomposite coatings based on Ti-N-Cr/Ni-Cr-B-Si-Fe (2009) Russian Physics Journal, 52 (12), pp. 1317-1324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953541149&doi=10.1007%2F511182-010-9378-1&partnerID=40&md5=b7c542e5d48ea960b253902e8de3e6f1

	Pogrebnyak, A.D., Ilyashenko, M.V., Kaverin, M.V., Shpylenko, A.P., Physk, A.V., Beresnev, V.M. , Kirik, G.V., Erdybayeva, N.K., Makhmudov, N.A., Kolisnichenko, O.V., Tyurin, Y.N., Shpak, A.P.	Physical and mechanical properties of the nanocomposite and combined coatings Ti-Si-N/WC-Co-Cr/and Ti-Si-N/(Cr 3c2) 75 (NiCr) 25 (2009) Journal of Nano- and Electronic Physics, 1 (4), pp. 66-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865121670&partnerID=40&md5=722451fc5052b3b8ac673f68dae052b
	Pogrebnyak, A.D., Sobol', O.V., Beresnev, V.M. , Turbin, P.V., Dub, S.N., Kirik, G.V., Dmitrenko, A.E.	Features of the structural state and mechanical properties of ZrN and Zr(Ti)-Si-N coatings obtained by ion-plasma deposition technique (2009) Technical Physics Letters, 35 (10), pp. 925-928.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70450145478&doi=10.1134%2F1063785009100150&partnerID=40&md5=cafdb4569ebb5f0bbd3151a309815a16
	Pogrebnyak, A.D., Shpak, A.P., Azarenkov, N.A., Beresnev, V.M.	Structures and properties of hard and superhard nanocomposite coatings (2009) Physics-Uspeski, 52 (1), pp. 29-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67849118716&doi=10.3367%2F1FNE.0179.200901b.0035&partnerID=40&md5=b050af40530600835a0d5e7a31c29c3c
	Pogrebnyak, A.D., Bratushka, S.N., Uglov, V.V., Rusakov, V.S., Beresnev, V.M. , Anisichik, V.M., Malikov, L.V., Levintant, N., Zukovski, P.	Structures and properties of Ti alloys after double implantation (2009) Vacuum, 83 (SUPPL.1), pp. S240-S244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65249133123&doi=10.1016%2Fj.vacuum.2009.01.072&partnerID=40&md5=e1e6d956a231c4c7a72729d952ee7e5
	Beresnev, V.M. , Kopejkina, M.Y., Klimenko, S.A.	Multicomponent and multilayered vacuum- ARC coverings for the cutting tool (2008) Problems of Atomic Science and Technology, (1), pp. 152-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549254176&partnerID=40&md5=868e8057423982e4a03864d742815a50
9	Kharchenko, A.Y., Moskaeva, O.G., Klochanuk, O.R., Marfunin, M.O., Mchedlov-Petrossyan, N.O.	Effect of poly (sodium 4-styrenesulfonate) on the ionization constants of acid-base indicator dyes in aqueous solutions (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 527, pp. 132-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019550146&doi=10.1016%2Fj.colsurfa.2017.05.030&partnerID=40&md5=c48adaa6780c93a05e974ee56e86818f
	Mchedlov-Petrossyan, N.O. , Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S.	Formation and ageing of the fullerene C60 colloids in polar organic solvents (2017) Journal of Molecular Liquids, 235, pp. 98-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018794120&doi=10.1016%2Fj.molliq.2016.10.113&partnerID=40&md5=79672bc993f98f999f6ee11b20cedd2
	Mchedlov-Petrossyan, N.O. , Laguta, A.N., Shekhovtsov, S.V., Eltsov, S.V., Cheipesh, T.A., Omelchenko, I.V., Shishkin, O.V.	3,3'-Dinitrophenolsulphonaphthalein: an acid-base indicator dye with unusual properties (2017) Coloration Technology, 133 (2), pp. 135-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&doi=10.1111%2Fj.cote.12254&partnerID=40&md5=9275083be893ea66ba1c40a0a8a2849
	Mchedlov-Petrossyan, N.O. , Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I.	Interaction of C60 aggregates with electrolytes in acetonitrile (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 516, pp. 345-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008195329&doi=10.1016%2Fj.colsurfa.2016.12.035&partnerID=40&md5=edcce5b009f05860b363d1e852933bad
	Obukhova, E.N., Mchedlov-Petrossyan, N.O. , Vodolazkaya, N.A., Patsenker, L.D., Doroshenko, A.O., Marynin, A.I., Krasovitskii, B.M.	Absorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate (2017) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 170, pp. 138-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&doi=10.1016%2Fj.saa.2016.07.002&partnerID=40&md5=601ee444ba0ee00c1c50b9a3b2a0ffc9
	Mchedlov-Petrossyan, N.O. , Cheipesh, T.A., Vodolazkaya, N.A.	Acid-base dissociation and tautomerism of two amino fluorescein dyes in solution (2017) Journal of Molecular Liquids, 225, pp. 696-705.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&doi=10.1016%2Fj.molliq.2016.10.121&partnerID=40&md5=ed2ac7745cc758f31c701c307cb15945
	Mchedlov-Petrossyan, N.O. , Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Shekhovtsov, S.V.	The peculiar behavior of fullerene C60 in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems (2016) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 509, pp. 631-637.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&doi=10.1016%2Fj.colsurfa.2016.09.045&partnerID=40&md5=bcf1353172f9b66b5f19b3085b5f04cf
	Kharchenko, A.Y., Kamneva, N.N., Mchedlov-Petrossyan, N.O.	The properties and composition of the SDS - 1-butanol mixed micelles as determined via acid-base indicators (2016) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 507, pp. 243-254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981516880&doi=10.1016%2Fj.colsurfa.2016.08.004&partnerID=40&md5=b0396505e2ca482c5f6267d651c68f53
	Mchedlov-Petrossyan, N.O. , Al-Shuuchi, Y.T.M., Kamneva, N.N., Marynin, A.I., Klochkov, V.K.	Interactions of Nanosized Aggregates of Fullerene C60 with Electrolytes in Methanol: Coagulation and Overcharging of Particles (2016) Langmuir, 32 (39), pp. 10065-10072.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990046294&doi=10.1021%2Facs.langmuir.6b02533&partnerID=40&md5=34abb6df0d48c91177898a7bf5ce27
	Mchedlov-Petrossyan, N.O. , Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S., Kryshchal, A.P., Klochkov, V.K., Shekhovtsov, S.V.	Towards better understanding of C60 organosols (2016) Physical Chemistry Chemical Physics, 18 (4), pp. 2517-2526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&doi=10.1039%2Fcp06806a&partnerID=40&md5=d94af8762e2d217a8bead445f414866
	Mchedlov-Petrossyan, N.O. , Kamneva, N.N., Kharchenko, A., Shekhovtsov, S.V., Marinin, A.I., Kryshchal, A.P.	The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes (2015) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 476, pp. 57-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&doi=10.1016%2Fj.colsurfa.2015.03.001&partnerID=40&md5=746227da0c0396e8a8d2240f61638de
	Mchedlov-Petrossyan, N.O. , Kamneva, N.N., Marynin, A.I., Kryshchal, A.P., Osawa, E.	Colloidal properties and behaviors of 3 nm primary particles of detonation nanodiamonds in aqueous media (2015) Physical Chemistry Chemical Physics, 17 (24), pp. 16186-16203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935910778&doi=10.1039%2Fcp01405k&partnerID=40&md5=7ece8124d756cd5eb37d4d61d9d23383
	Mchedlov-Petrossyan, N.O. , Roshchyna, K.V., Shekhovtsov, S.V., Eltsov, S.V., Zozulia, O.S., Omelchenko, I.V., Shishkin, O.V.	Revisiting tetranitrophenolsulfonaphthalein (2015) Coloration Technology, 131 (3), pp. 236-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929521358&doi=10.1111%2Fj.cote.12145&partnerID=40&md5=256ee320b69cea5d7815da88898e3c8a
	Mchedlov-Petrossyan, N.O. , Cheipesh, T.A., Shekhovtsov, S.V., Redko, A.N., Rybachenko, V.I., Omelchenko, I.V., Shishkin, O.V.	Ionization and tautomerism of methyl fluorescein and related dyes (2015) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 150, art. no. 13704, pp. 151-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&doi=10.1016%2Fj.saa.2015.05.037&partnerID=40&md5=8fc3d020c32ce1010c85b6d30cca38b5
	Roshchyna, K.V., Eltsov, S.V., Laguta, A.N., Mchedlov-Petrossyan, N.O.	Micellar rate effects in the alkaline fading of crystal violet in the presence of various surfactants (2015) Journal of Molecular Liquids, 201, pp. 77-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919797442&doi=10.1016%2Fj.molliq.2014.11.013&partnerID=40&md5=6d4a5ceb8fe37c9a5fe9ae5e7343da3
	Mchedlov-Petrossyan, N.O. , Kamneva, N.N., Osawa, E., Marynin, A.I., Goga, S.T., Tkachenko, V.V., Kryshchal, A.P.	Colloidal solution of 3 nm bucky diamond: Primary particles of detonation nanodiamond (2015) Springer Proceedings in Physics, 171, pp. 199-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950299082&doi=10.1007%2F978-3-319-20875-6_8&partnerID=40&md5=02eac8db9fcb2977fb8197383e1d539
	Mchedlov-Petrossyan, N.O. , Kamneva, N.N., Kryshchal, A.P., Marynin, A.I., Zakharevich, V.B., Tkachenko, V.V.	The properties of 3 nm-sized detonation diamond from the point of view of colloid science (2015) Ukrainian Journal of Physics, 60 (9), pp. 932-937.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941095892&doi=10.15407%2Fujp.60.09.0932&partnerID=40&md5=30e4886f535bd0be71d0c5d64094699b
	Cheipesh, T.A., Zagoruilko, E.S., Mchedlov-Petrossyan, N.O. , Rodik, R.V., Kalchenko, V.I.	The difference between the aggregates of short-tailed and long-tailed cationic calix[4]arene in water as detected using fluorescein dyes (2014) Journal of Molecular Liquids, 193, pp. 232-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892934413&doi=10.1016%2Fj.molliq.2013.12.049&partnerID=40&md5=b9d3a0b47d320eac7ebd0e20b69a357
	Mchedlov-Petrossyan, N.O.	Adsorption of ionic surfactants on water/air interface: One more transformation of the Gibbs equation (2014) Surface Engineering and Applied Electrochemistry, 50 (2), pp. 173-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900540186&doi=10.3103%2FIS1068375514020100&partnerID=40&md5=9729cfd19f612fe74d4a2433b1a12bca
	Lebed, A.V., Biryukov, A.V., Mchedlov-Petrossyan, N.O.	A quantum-chemical study of tautomeric equilibria of fluorescein dyes in Dmsol (2014) Chemistry of Heterocyclic Compounds, 50 (3), pp. 336-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904346563&doi=10.1007%2F10593-014-1481-8&partnerID=40&md5=27f53a5a486b06c771d41b2a191ce558
	Lebed, A.V., Palval, I.N., Mchedlov-Petrossyan, N.O.	The comparison of the dissociation constants of ionophores in solutions as obtained by conductometric and spectrophotometric methods (2014) Journal of Molecular Liquids, 200 (PB), pp. 136-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919343189&doi=10.1016%2Fj.molliq.2014.10.002&partnerID=40&md5=5902535ccb52431c4b52e1144d6316d2
	Reshetnyak, E.A., Chernysheva, O.S., Nikitina, N.A., Loginova, L.P., Mchedlov-Petrossyan, N.O.	Activity coefficients of alkyl sulfate and alkylsulfonate ions in aqueous and water-salt premicellar solutions (2014) Colloid Journal, 76 (3), pp. 358-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903137629&doi=10.1134%2FIS1061933X14030132&partnerID=40&md5=0506784f4bad97c5c9a1fdcbcd36aa0d
	Kamneva, N.N., Kharchenko, A.Y., Bykova, O.S., Sundenko, A.V., Mchedlov-Petrossyan, N.O.	The influence of 1-butanol and electrolytic background on the properties of CTAB micelles as examined using a set of indicator dyes (2014) Journal of Molecular Liquids, 199, pp. 376-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907529221&doi=10.1016%2Fj.molliq.2014.09.022&partnerID=40&md5=b319032b87f82384a48b91e34ff63bbb

	Vodolazkaya, N.A., Kleshchevnikova, Y.A., Mchedlov-Petrosyan, N.O.	Differentiating impact of the AOT-stabilized droplets of water-in-octane microemulsions as examined using halogenated fluoresceins as molecular probes (2013) <i>Journal of Molecular Liquids</i> , 187, pp. 381-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886597895&doi=10.1016%2fj.molliq.2013.08.018&partnerID=40&md5=0bfe923398c70dd7183826ec8de4e1d7
	Mchedlov-Petrosyan, N.O. , Vodolazkaya, N.A., Kamneva, N.N.	Acid-Base equilibrium in aqueous micellar solutions of surfactants (2013) <i>Micelles: Structural Biochemistry, Formation and Functions and Usage</i> , pp. 1-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&partnerID=40&md5=d114310038b388cb4b8afe324db883b
	Mchedlov-Petrosyan, N.O.	The physical chemist's toolbox. by robertm. metzger (2013) <i>ChemPhysChem</i> , . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883251060&doi=10.1002%2fcphc.201300660&partnerID=40&md5=a88296074fd4276f506a7954398b76cd
	Mchedlov-Petrosyan, N.O.	Fullerenes in liquid media: An unsettling intrusion into the solution chemistry (2013) <i>Chemical Reviews</i> , 113 (7), pp. 5149-5193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880128607&doi=10.1021%2fcr3005026&partnerID=40&md5=0ece83f8743f66c38d8f5ea84f2368d7
	Goga, S.T., Mchedlov-Petrosyan, N.O. , Glazkova, E.N., Lebed, A.V.	Thermodynamics of solubility and solvation of N-cetylpyridinium perchlorate and related compounds in water-propanol-2 system (2013) <i>Journal of Molecular Liquids</i> , 177, pp. 237-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870693051&doi=10.1016%2fj.molliq.2012.11.004&partnerID=40&md5=059f3861d344f1810e38dd8c7bd4e0d4
	Mchedlov-Petrosyan, N.O. , Vodolazkaya, N.A., Rodik, R.V., Bogdanova, L.N., Cheipesh, T.A., Soboleva, O.Y., Kryshtal, A.P., Kutuzova, L.V., Kalchenko, V.I.	Colloidal nature of cationic calix[6]arene aqueous solutions (2012) <i>Journal of Physical Chemistry C</i> , 116 (18), pp. 10245-10259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&doi=10.1021%2fjp210405s&partnerID=40&md5=dd98c6515df18bc5b3aca5916d75edde
	Shekhovtsov, S.V., Omelchenko, I.V., Dyakonenko, V.V., Shishkin, O.V., Allmann, R., Libor, T., Reichardt, C., Mchedlov-Petrosyan, N.O.	Synthesis and crystal structure determination of 2,6-di-tert-butyl-4-(2,4,6-triphenylpyridinium-1-yl)phenolate and its corresponding perchlorate salt (2012) <i>Dyes and Pigments</i> , 92 (3), pp. 1394-1399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054965164&doi=10.1016%2fj.dyepig.2011.06.029&partnerID=40&md5=29fde1b14fa107ebecbc812de2b753e
	Mchedlov-Petrosyan, N.O.	Fullerenes in molecular liquids. Solutions in "good" solvents: Another view (2011) <i>Journal of Molecular Liquids</i> , 161 (1), pp. 1-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956219119&doi=10.1016%2fj.molliq.2011.04.001&partnerID=40&md5=6f5fab12fc6aec89dd4366e9b837c87
	Nikitina, N.A., Reshetnyak, E.A., Svetlova, N.V., Mchedlov-Petrosyan, N.O.	Protolytic properties of dyes embedded in gelatin films (2011) <i>Journal of the Brazilian Chemical Society</i> , 22 (5), pp. 857-866.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955160953&doi=10.1590%2fS0103-50532011000500007&partnerID=40&md5=35ea317484ea4727310be7720fb795c3
	Palval, I.N., Lebed, A.V., Mchedlov-Petrosyan, N.O.	Association and transport properties in solvents of medium and low relative permittivity: Quaternary ammonium picrates in acetone-n-hexane mixed solvents (2011) <i>Journal of Molecular Liquids</i> , 158 (1), pp. 33-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650523882&doi=10.1016%2fj.molliq.2010.10.004&partnerID=40&md5=16cec76f26fa6fa5ee96c873cc557e22
	Vodolazkaya, N.A., Mchedlov-Petrosyan, N.O. , Bryleva, E.Y., Biletskaya, S.V., Schrinner, M., Kutuzova, L.V., Ballauf, M.	The binding ability and solvation properties of cationic spherical polyelectrolyte brushes as studied using acid-base and solvatochromic indicators (2010) <i>Functional Materials</i> , 17 (4), pp. 470-476.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861091734&partnerID=40&md5=e81da300936a021f70c4409114ab0821
	Vodolazkaya, N.A., Mchedlov-Petrosyan, N.O. , Salamanova, N.V., Surov, Y.N., Doroshenko, A.O.	Molecular spectroscopy studies of solvent properties of dispersed 'water pools': Fluorescein and 2,7-dichlorofluorescein in reversed AOT-based microemulsions (2010) <i>Journal of Molecular Liquids</i> , 157 (2-3), pp. 105-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249253947&doi=10.1016%2fj.molliq.2010.08.013&partnerID=40&md5=2538f3d6ee34b282b171f215482a2c07
	Bogdanova, L.N., Mchedlov-Petrosyan, N.O. , Vodolazkaya, N.A., Lebed, A.V.	The influence of β -cyclodextrin on acid-base and tautomeric equilibrium of fluorescein dyes in aqueous solution (2010) <i>Carbohydrate Research</i> , 345 (13), pp. 1882-1890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955921191&doi=10.1016%2fj.carres.2010.07.002&partnerID=40&md5=379ca809295a5596f7c4892aac0fc077
	Shekhovtsov, S.V., Mchedlov-Petrosyan, N.O. , Reichardt, C.	A new application of solvatochromic pyridinium-N-phenolate betaine dyes: Examining the electrophilicity of lanthanide shift reagents (2010) <i>Tetrahedron Letters</i> , 51 (33), pp. 4347-4349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955430219&doi=10.1016%2fj.tetlet.2010.06.057&partnerID=40&md5=e5979b5bf9de58d7844558c2bd74e9a7
	Goga, S.T., Lebed, A.V., Mchedlov-Petrosyan, N.O.	Conductivity and dissociation constants of quaternary ammonium perchlorates and picrates in 4-methyl-pentan-2-one (2010) <i>Journal of Chemical and Engineering Data</i> , 55 (5), pp. 1887-1892.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952384274&doi=10.1021%2fje900896g&partnerID=40&md5=c02af69211b5c62806644d72497e16
	Mchedlov-Petrosyan, N.O. , Filatov, D.Yu., Goga, S.T., Lebed, A.V.	Ionic equilibrium in mixtures of protophobic and protophilic polar non-hydrogen bond donor solvents: Acids, salts, and indicators in acetone containing 5 mol% DMSO (2010) <i>Journal of Physical Organic Chemistry</i> , 23 (5), pp. 418-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953111652&doi=10.1002%2fpoc.1616&partnerID=40&md5=97591876ac019b724a4f70188216625c
	Mchedlov-Petrosyan, N.O. , Vodolazkaya, N.A., Gurina, Y.A., Sun, W.-C., Gee, K.R.	Medium effects on the prototropic equilibria of fluorescein fluoro derivatives in true and organized solution (2010) <i>Journal of Physical Chemistry B</i> , 114 (13), pp. 4551-4564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950557361&doi=10.1021%2fjp909854s&partnerID=40&md5=479b726cf82981e267cf6e6f90b2485
	Mchedlov-Petrosyan, N.O. , Vodolazkaya, N.A., Salamanova, N.V., Roshal, A.D., Filatov, D.Yu.	In search for the "phenolate" monoanion of fluorescein in solution (2010) <i>Chemistry Letters</i> , 39 (1), pp. 30-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76149111168&doi=10.1246%2fcl.2010.30&partnerID=40&md5=7e8dd704faf05c8ce105af9c933cea2
	Zevatskii, Y.E., Samoilov, D.V., McHedlov-Petrosyan, N.O.	Conthemporary methods for the experimental determination of dissociation constants of organic acids in solutions (2009) <i>Russian Journal of General Chemistry</i> , 79 (9), pp. 1859-1889.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449364412&doi=10.1134%2fS1070363209090138&partnerID=40&md5=4cb4ea856b1d4d5e19824f8348cf86eb
	Vodolazkaya, N.A., Shakhova, P.V., McHedlov-Petrosyan, N.O.	Acid-base and tautomeric equilibria of fluorescein dyes in water micellar solutions of zwitterionic sulfobetaine surfactant (2009) <i>Russian Journal of General Chemistry</i> , 79 (7), pp. 1437-1445.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349635813&doi=10.1134%2fS1070363209070068&partnerID=40&md5=ce1db217488886639f2b9eb5f1c5c137
	Mchedlov-Petrosyan, N.	Special issue of contributions to the international conference 'Modern physical chemistry for advanced materials', June 26-30, 2007, Kharkov, Ukraine (2009) <i>Journal of Molecular Liquids</i> , 145 (3), p. 109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349157272&doi=10.1016%2fj.molliq.2009.01.012&partnerID=40&md5=e191651c29437fd1ecf1d750f308bf7e
	Mchedlov-Petrosyan, N.O.	Nikolai Izmailov and the electrochemistry of solutions (2009) <i>Journal of Molecular Liquids</i> , 145 (3), pp. 110-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349131969&doi=10.1016%2fj.molliq.2008.11.006&partnerID=40&md5=d0ff3ec7097c001bfaaf7489f88df41
	Vodolazkaya, N.A., Gurina, Y.A., Salamanova, N.V., Mchedlov-Petrosyan, N.O.	Spectroscopic study of acid-base ionization and tautomerism of fluorescein dyes in direct microemulsions at high bulk ionic strength (2009) <i>Journal of Molecular Liquids</i> , 145 (3), pp. 188-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349097203&doi=10.1016%2fj.molliq.2008.11.007&partnerID=40&md5=dc93c78b09c758b45c2871404d7e5f63
	Lukavenko, O.N., Eltsov, S.V., Grigorovich, A.V., Mchedlov-Petrosyan, N.O.	Solubility and fluorescence lifetime of 2,5-diphenyloxazole and 1,4-bis(5-phenyloxazolyl-2)benzene in water-ethanol and water-acetone solvent systems (2009) <i>Journal of Molecular Liquids</i> , 145 (3), pp. 167-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349083604&doi=10.1016%2fj.molliq.2008.07.011&partnerID=40&md5=921976226de2fcd7d1f7b694eb23643
	Mchedlov-Petrosyan, N.O. , Palval, I.N., Lebed, A.V., Nikiforova, E.M.	Association of the picrate ion with cations of various nature in solvents of medium and low relative permittivity. An UV/Vis spectroscopic and conductometric study (2009) <i>Journal of Molecular Liquids</i> , 145 (3), pp. 158-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61749104660&doi=10.1016%2fj.molliq.2008.07.006&partnerID=40&md5=024a6f96bbcb6318223617e3fb3f4fc
	Mchedlov-Petrosyan, N.O. , Vodolazkaya, N.A., Vilko, L.N., Soboleva, O.Yu., Kutuzova, L.V., Rodik, R.V., Mirosnichenko, S.I., Drapaylo, A.B.	The influence of cationic tetrapropoxycalix[4]arene choline on protolytic equilibria of acid-base indicators in aqueous solutions (2009) <i>Journal of Molecular Liquids</i> , 145 (3), pp. 197-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349088069&doi=10.1016%2fj.molliq.2008.02.009&partnerID=40&md5=b4320df5a816046939f04205105c38d5
	Nikiforova, E.M., Bryleva, E.Yu., McHedlov-Petrosyan, N.O.	The distribution of the anion and zwitterion forms of methyl orange between the disperse microemulsion pseudophase and continuous water phase (2008) <i>Russian Journal of Physical Chemistry A</i> , 82 (9), pp. 1434-1437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249184552&doi=10.1134%2fS0036024408090033&partnerID=40&md5=2549a5a94c3d6ba9964f968f5a98fc
	Goga, S.T., Glazkova, E.N., McHedlov-Petrosyan, N.O.	The thermodynamic characteristics of dissolution and solvation of cetyltrimethylammonium perchlorate in the water-propan-2-ol system (2008) <i>Russian Journal of Physical Chemistry A</i> , 82 (9), pp. 1451-1455.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249150243&doi=10.1134%2fS0036024408090070&partnerID=40&md5=c52ebb5783a333dda30345d9fbadcfb4

	Mchedlov-Petrosyan, N.	Pure and Applied Chemistry: Preface (2008) Pure and Applied Chemistry, 80 (7), pp. iv.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49049091171&partnerID=40&md5=5c12157f46a6d9529c2b56464f214ace
	Mchedlov-Petrosyan, N.O.	Protolytic equilibrium in lyophilic nanosized dispersions: Differentiating influence of the pseudophase and salt effects (2008) Pure and Applied Chemistry, 80 (7), pp. 1459-1510.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49049091368&doi=10.1351%2Fpac200880071459&partnerID=40&md5=654e14cfd04430891a3cd10f22877a0b
	Mchedlov-Petrosyan, N.O., Bryleva, E.Yu., Vodolazkaya, N.A., Dissanayake, A.A., Ford, W.T.	Nature of cationic poly(propylenimine) dendrimers in aqueous solutions as studied using versatile indicator dyes (2008) Langmuir, 24 (11), pp. 5689-5699.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45749141377&doi=10.1021%2F1800443q&partnerID=40&md5=e2b07628fde8287bae982a257cd809d2
	Bezkravnaya, O.N., Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Alekseeva, V.I., Savvina, L.P., Yakubovskaya, A.G.	Polymeric Langmuir-Blodgett films containing xanthene dyes (2008) Russian Journal of Applied Chemistry, 81 (4), pp. 696-703.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44349112832&doi=10.1134%2F1070427208040253&partnerID=40&md5=85934bcc1dc6c9135204e14004460387
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Bezkravnaya, O.N., Yakubovskaya, A.G., Tolmachev, A.V., Grigorovich, A.V.	Fluorescent dye N,N'-dioctadecylrhodamine as a new interfacial acid-base indicator (2008) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 69 (4), pp. 1125-1129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40749120307&doi=10.1016%2Fj.saa.2007.06.011&partnerID=40&md5=338ecf9ebf2a05f43855b64f05f30e9e
	Lebed', V.I., Mchedlov-Petrosyan, N.O., Kholin, Yu.V.	Russian Journal of Physical Chemistry: Preface (2008) Russian Journal of Physical Chemistry A, 82 (9), p. 1427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50949118471&doi=10.1134%2F1003602440809001X&partnerID=40&md5=e0c73930b1996e2de4fd2410da544d0d
	Bryleva, E.Yu., Vodolazkaya, N.A., Mchedlov-Petrosyan, N.O., Samokhina, L.V., Matveevskaya, N.A., Tolmachev, A.V.	Interfacial properties of cetyltrimethylammonium-coated SiO2 nanoparticles in aqueous media as studied by using different indicator dyes (2007) Journal of Colloid and Interface Science, 316 (2), pp. 712-722.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-356490117171&doi=10.1016%2Fj.jcis.2007.07.036&partnerID=40&md5=faf637e37d90cf5d3473d5e7ca340d4c
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Yakubovskaya, A.G., Grigorovich, A.V., Alekseeva, V.I., Savvina, L.P.	A novel probe for determination of electrical surface potential of surfactant micelles: N,N'-di-n-octadecylrhodamine (2007) Journal of Physical Organic Chemistry, 20 (5), pp. 332-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249692410&doi=10.1002%2Fpoc.1150&partnerID=40&md5=5e3a343a33cd706ab0dea5639239be9a
	Mchedlov-Petrosyan, N.O., Ivanov, V.V.	Effect of the solvent on the absorption spectra and protonation of fluorescein dye anions (2007) Russian Journal of Physical Chemistry A, 81 (1), pp. 112-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846121929&doi=10.1134%2F10036024407010219&partnerID=40&md5=00edc6d41eec3793d299746dd3a7cbbe
	Mchedlov-Petrosyan, N.O., Kukhtik, V.I., Egorova, S.I.	Protolytic equilibria of fluorescein halo derivatives in aqueous-organic systems (2006) Russian Journal of General Chemistry, 76 (10), pp. 1607-1617.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845288977&doi=10.1134%2F1070363206100197&partnerID=40&md5=e01a1e92964d202047b790101827901c
	Bezkravnaya, O.N., Mchedlov-Petrosyan, N.O., Savvin, Y.N., Tolmacheva, A.V., Vodolazkayab, N.A.	The influence of lead (II) ions introduced into the subphase on the stability of mixed "polyamic acid + surfactant" monolayers and manufacturing of dye-containing Langmuir-Blodgett polymeric films (2006) Journal of the Brazilian Chemical Society, 17 (4), pp. 655-666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746687838&partnerID=40&md5=f4c8dcad97a85cd7ed27868abf5da d
	Mchedlov-Petrosyan, N.O., Vilkova, L.N., Vodolazkaya, N.A., Yakubovskaya, A.G., Rodik, R.V., Boyko, V.I., Kalchenko, V.I.	The nature of aqueous solutions of a cationic calix[4]arene: A comparative study of dye-calixarene and dye-surfactant interactions (2006) Sensors, 6 (8), pp. 962-977.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248179545&partnerID=40&md5=e1a37410bb454ef369c97336a6e14b ae
	Khristenko, I.V., Kholin, Yu.V., Mchedlov-Petrosyan, N.O., Reichardt, C., Zaitsev, V.N.	Probing of chemically modified silica surfaces by solvatochromic pyridinium N-phenolate betaine indicators (2006) Colloid Journal, 68 (4), pp. 511-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747059340&doi=10.1134%2F10036024406040156&partnerID=40&md5=8121dd3aaacc97ad57dbd3120b1700d4
	Mchedlov-Petrosyan, N.O., Salamanova, N.V., Vodolazkaya, N.A., Gurina, Y.A., Borodenko, V.I.	A dibasic acid with reversed order of the stepwise ionization constants: 2,7-dichlorofluorescein in the ternary solvent mixture benzene-ethanol-water (2006) Journal of Physical Organic Chemistry, 19 (6), pp. 365-375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747128526&doi=10.1002%2Fpoc.1087&partnerID=40&md5=5973f13 b7dc9e88a418cfc97544bd883
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Surov, Y.N., Samoylov, D.V.	2,4,5,7-Tetranitrofluorescein in solutions: Novel type of tautomerism in hydroxyxanthene series as detected by various spectral methods (2005) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 61 (11-12), pp. 2747-2760.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22844451625&doi=10.1016%2Fj.saa.2004.09.030&partnerID=40&md5=d02ced11eecf0734e22be02636e180f0
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Kornienko, A.A., Karyakina, E.L., Reichardt, C.	Counterion-induced transformations of cationic surfactant micelles studied by using the displacing effect of solvatochromic pyridinium N-phenolate betaine dyes (2005) Langmuir, 21 (16), pp. 7090-7096.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23844485325&doi=10.1021%2F100401361&partnerID=40&md5=859fd4 d93341c025b6c100646da0272d
	Shapovalov, S.A., Koval, V.L., Chernaya, T.A., Pereverzev, A.Yu., Derevyanko, N.A., Ishchenko, A.A., Mchedlov-Petrosyan, N.O.	Association of indopolymethine cyanine cations with anions of sulfonophthalein and xanthene dyes in water (2005) Journal of the Brazilian Chemical Society, 16 (2), pp. 232-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444392353&partnerID=40&md5=b1a5b3539751dc3e659ecf0bdb7209 54
	Mchedlov-Petrosyan, N.O., Isaenko, Yu.V., Goga, S.T.	Reichardt betaines as combined solvatochromic and acid-base indicators in microemulsions (2004) Russian Journal of General Chemistry, 74 (11), pp. 1741-1747.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644506162&doi=10.1007%2F1176-005-0093- 5&partnerID=40&md5=97a3ecf3c683e2c55978057489e7f00b
	Mchedlov-Petrosyan, N.O., Tychina, O.N., Kislyakova, N.V., Berezhnaya, T.A., Goga, S.T., Lebed, A.V.	Potentiometric study of protolytic equilibria of triphenylmethane and xanthene compounds in a butanol-1-water mixture (9:1, w/w) (2004) Ukrainskij Khimicheskij Zhurnal, 70 (1-2), pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542574070&partnerID=40&md5=b4fa521e150f916f3b8ed2985da65d8c
	McHedlov-Petrosyan, N.O., Kholin, Yu.V.	Aggregation of rhodamine B in water (2004) Russian Journal of Applied Chemistry, 77 (3), pp. 414-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042756949&doi=10.1023%2F10000031281.69081.d0&partn erID=40&md5=5a995bd98a19c70a1d1d87a4be7382c
	Mchedlov-Petrosyan, N.O.	A review of the book by Dr. Christian Reichardt 'Rastvoriteli i efekty rastvoriteli v organicheskoy khimii' (solvents and solvent effects in organic chemistry) third, updated and enlarged edition. Weinheim: WILEY-VCH Verlag GmbH & Co. KGaA, 2003. 629 p.) (2004) Zhurnal Fizicheskoy Khimii, 78 (2), p. 383.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542786608&partnerID=40&md5=a00964ca8ca92f30aa4888bd3dbd14 6
	Bezkravnaya, O.N., Mchedlov-Petrosyan, N.O., Savvin, Yu.N.	The Behavior of Polyamido Acid Monolayers on a Subphase Containing Lead Ions at Various pH Values (2003) Russian Journal of Physical Chemistry A, 77 (12), pp. 1990-1995.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0742286878&partnerID=40&md5=dde2ed12ba1616be520338e3d52c4e4 8
	Bezkravnaya, O.N., Mchedlov-Petrosyan, N.O., Savvin, Yu.N.	The behavior of polyamido acid monolayers on a subphase containing lead ions at various pH values (2003) Zhurnal Fizicheskoy Khimii, 77 (12), pp. 2206-2212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346401742&partnerID=40&md5=c6b7194c8a3f8f25d71feabc94f2b053
	Mchedlov-Petrosyan, N.O., Isaenko, Yu.V., Salamanova, N.V., Alekseeva, V.I., Savvina, L.P.	Ion equilibria of chromophoric reagents in microemulsions (2003) Zhurnal Analiticheskoy Khimii, 58 (11), pp. 1140-1153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347662542&partnerID=40&md5=786cb8fe1eb6f5d33f2d95e53d859d2d
	Mchedlov-Petrosyan, N.O., Isaenko, Yu.V., Salamanova, N.V., Alekseeva, V.I., Savvina, L.P.	Ionic equilibria of chromophoric reagents in microemulsions (2003) Journal of Analytical Chemistry, 58 (11), pp. 1018-1030.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543085737&doi=10.1023%2FA9%3a1027321019689&partnerID=40&md5=f501258836186cc20bfff9901b56af7e0
	Vodolazkaya, N.A., Mchedlov-Petrosyan, N.O., Heckenkemper, G., Reichardt, C.	A new solvatochromic/acid-base indicator for surfactant micellar media: Hydrophilic 3-pyridyl substituted pyridinium N-phenolate betaine dye (2003) Journal of Molecular Liquids, 107 (1-3), pp. 221-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042123854&doi=10.1016%2F10167-7322%2F03062900151- X&partnerID=40&md5=a10299afdf77d7243ab40e9ac2236b3
	Mchedlov-Petrosyan, N.O., Kukhtik, V.I., Bezuglyi, V.D.	Dissociation, tautomerism and electroreduction of xanthene and sulfonophthalein dyes in N,N-dimethylformamide and other solvents (2003) Journal of Physical Organic Chemistry, 16 (7), pp. 380-397.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038383105&doi=10.1002%2Fpoc.654&partnerID=40&md5=0c53249fa 37a2ab7a238e42f7840551e
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Doroshenko, A.O.	Ionic Equilibria of Fluorophores in Organized Solutions: The Influence of Micellar Microenvironment on Protolytic and Photophysical Properties of Rhodamine B (2003) Journal of Fluorescence, 13 (3), pp. 235-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346460135&doi=10.1023%2FA9%3a1025089916356&partnerID=40&md5=5d208d5c7b551597bd7c9922eb287384
	Mchedlov-Petrosyan, N.O.	Ionization and Tautomerism of Hydroxyxanthenes and Some Other Dyes in Ethanol (2003) Russian Journal of General Chemistry, 73 (2), pp. 267-274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038506008&doi=10.1023%2FA9%3a1024752324071&partnerID=40&md5=a0194c76521940e7325b07d35f9f9e0f

	Aleksandrov, V.V., Tychina, O.N., Berezhnaya, T.A., Mchedlov-Petrosyan, N.O.	Protonic acidity scales in the system n-butyl alcohol - Water (2002) Journal of Molecular Liquids, 100 (3), pp. 255-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036723543&doi=10.1016%2FS0167-7322%2802%2900046-6&partnerID=40&md5=7d4359ec293504c937c5ee5f124e767
	Mchedlov-Petrosyan, N.O. , Vodolazkaya, N.A., Reichardt, C.	Unusual findings on studying surfactant solutions: Displacing solvatochromic pyridinium N-phenolate towards outlying areas of rod-like micelles? (2002) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 205 (3), pp. 215-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037166708&doi=10.1016%2FS0927-7757%2802%2900022-5&partnerID=40&md5=e34bc17c76eab79ee09f74b8fc2af710
	Mchedlov-Petrosyan, N.O. , Vodolazkaya, N.A., Martynova, V.P., Samoilov, D.V., El'tsov, A.V.	Protolytic properties of thiofluorescein and its derivatives (2002) Russian Journal of General Chemistry, 72 (5), pp. 785-792.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036340949&doi=10.1023%2FA93a1019524722318&partnerID=40&md5=3d3972ad16427a54dd37c01938f5e2a9
	Loginova, L.P., Samokhina, L.V., Mchedlov-Petrosyan, N.O. , Alekseeva, V.I., Savvina, L.P.	Modification of the properties of NaDS micellar solutions by adding electrolytes and non-electrolytes: Investigations with decyl eosin as a pKa-probe (2001) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 193 (1-3), pp. 207-219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035892461&doi=10.1016%2FS0927-7757%2801%2900741-5&partnerID=40&md5=38cfbe38627e68de6dadbf85592db5be
	Mchedlov-Petrosyan, N.O. , Klochkov, V.K., Andrievsky, G.V., Ishchenko, A.A.	Interaction between colloidal particles of C60 hydrosol and cationic dyes (2001) Chemical Physics Letters, 341 (3-4), pp. 237-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001469030&doi=10.1016%2FS0009-2614%2801%2900049-8&partnerID=40&md5=b02eb3bfd7e612088f5c683d64ee54c
	Mchedlov-Petrosyan, N.O. , Klochkov, V.K., Andrievskii, G.V., Schumacher, A.S., Kleshchevnikova, V.N., Koval, V.L., Shapovalov, S.A., Derevyanko, N.A., Ishchenko, A.A.	Interaction of polymethine dyes with fullerene C60 hydrosol (2001) Zhurnal Nauchnoi I Prikladnoi Fotografii, 46 (1), pp. 3-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14644411633&partnerID=40&md5=18cf27c3d4cd148d65d9b79ea0abb08f
	Mchedlov-Petrosyan, N.O. , Rubtsov, M.I., Lukatskaya, L.L.	Acid-base equilibrium of Bengal Rose B in micellar solutions of anionic surfactants (2000) Russian Journal of General Chemistry, 70 (8), pp. 1177-1183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034346746&partnerID=40&md5=bd6a9c0d6571b2ef106678dc4bf88914
	Samoilov, D.V., Mchedlov-Petrosyan, N.O. , Martynova, V.P., El'tsov, A.V.	Protolytic equilibria of fluorescein nitro derivatives (2000) Russian Journal of General Chemistry, 70 (8), pp. 1259-1271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034346781&partnerID=40&md5=8a50996d345e18280e819431b2c5757a
	Mchedlov-Petrosyan, N.O. , Isaenko, V.Yu., Tychina, O.N.	Dissociation of acid-base indicators in microemulsions based on nonionic surfactants (2000) Russian Journal of General Chemistry, 70 (12), pp. 1847-1854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844459561&partnerID=40&md5=d3911d9cda83d3c8f7493c70cc07a89f
	Mchedlov-Petrosyan, N.O. , Timiy, A.V., Vodolazkaya, N.A.	Binding of sulfonephthalein anions to the micelles of an anionic surfactant (2000) Journal of Molecular Liquids, 87 (1), pp. 75-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034249701&doi=10.1016%2FS0167-7322%2800%2900131-8&partnerID=40&md5=1fad65ff4eac3e1949c5c6a76ebaa67
	Mchedlov-Petrosyan, N.O. , Klochkov, V.K., Andrievsky, G.V., Karyakina, E.L., Ishchenko, A.A.	Interaction between cationic dyes and colloidal particles in a C60 hydrosol (1999) Mendelev Communications, 9 (2), pp. XXV-XXVI.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041031941&partnerID=40&md5=bd10f93cf6fe4b22ed8818f0cbd21a9
	Mchedlov-Petrosyan, N.O. , Tychina, O.N., Berezhnaya, T.A., Alekseeva, V.I., Savvina, L.P.	Ionization and tautomerism of oxyxanthene dyes in aqueous butanol (1999) Dyes and Pigments, 43 (1), pp. 33-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032626129&partnerID=40&md5=cda91c155c95bd488a463640f1ec17a
	Andrievsky, G.V., Klochkov, V.K., Karyakina, E.L., Mchedlov-Petrosyan, N.O.	Studies of aqueous colloidal solutions of fullerene C60 by electron microscopy (1999) Chemical Physics Letters, 300 (3-4), pp. 392-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000505485&partnerID=40&md5=95b4dab192ae8b6c5e0c934bf0a77adc
	Gorbenko, G.P., Mchedlov-Petrosyan, N.O. , Chernaya, T.A.	Ionic equilibria in microheterogeneous systems: Protolytic behaviour of indicator dyes in mixed phosphatidylcholine-diphasphatidylglycerol liposomes (1998) Journal of the Chemical Society - Faraday Transactions, 94 (15), pp. 2117-2125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748616813&partnerID=40&md5=25dc2f7b6d31cb8c867a63c4d7c51958
	Zhebentyaev, A.I., Zhernosek, A.K., Egorova, S.I., Mchedlov-Petrosyan, N.O.	Interaction of hydroxyxanthene dyes and cations in a two-phase system: Determination of decamine using extraction fluorimetry with phloxine A (1997) Journal of Analytical Chemistry, 52 (9), pp. 856-863.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000605098&partnerID=40&md5=907a049a84b3235f04245020e06f9651
	Mchedlov-Petrosyan, N.O. , Klochkov, V.K., Andrievsky, G.V.	Colloidal dispersions of fullerene C60 in water: Some properties and regularities of coagulation by electrolytes (1997) Journal of the Chemical Society - Faraday Transactions, 93 (24), pp. 4343-4346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751187567&partnerID=40&md5=83a5f9dc547ded34ab70aa3f38198e07
	Derevyanko, N.A., Ishchenko, A.A., Popov, S.V., Slominskii, Yu.L., Koval, V.L., Shapovalov, S.A., Mchedlov-Petrosyan, N.O.	Dissimilar association of polymethines: Interaction of cationic and anionic dyes in aqueous solutions (1997) Zhurnal Nauchnoi I Prikladnoi Fotografii, 42 (3), pp. 70-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041963869&partnerID=40&md5=442f509d72da8681be5fa2a38bac2f39
	Ishenko, A.A., Derevyanko, N.A., Popov, S.V., Slominskii, Yu.L., Koval, V.L., Shapovalov, S.A., Mchedlov-Petrosyan, N.O.	Interaction of chromophores in dissimilar associates of cationic and anionic polymethine dyes in water (1997) Russian Chemical Bulletin, 46 (5), pp. 910-915.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040095583&partnerID=40&md5=a8da61793ef4513fa9d1724f411b73ed
	Mchedlov-Petrosyan, N.O. , Plichko, A.V., Shumakher, A.S.	Acidity of microheterogeneous systems: Effect of nonionic admixtures on acid-base equilibria of dyes bound to micelles of ionogenic surfactants (1996) Chemical Physics Reports, 15 (11), pp. 1661-1678.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000693705&partnerID=40&md5=2c2ae20ddc6e1f4e89743d29e898bb2c
	Mchedlov-Petrosyan, N.O. , Shapovalov, S.A., Egorova, S.I., Kleshchevnikova, V.N., Arias Cordova, E.	A new application of Rhodamine 200 B (Sulfo Rhodamine B) (1995) Dyes and Pigments, 28 (1), pp. 7-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444409584&doi=10.1016%2F0143-7208%2894%2900058-A&partnerID=40&md5=3b23ce9e55a6ac6d0e3a7bc2661f76ae
	Mchedlov-Petrosyan, N.O. , Kleshchevnikova, V.N.	Influence of the cetyltrimethylammonium chloride micellar pseudophase on the protolytic equilibria of oxyxanthene dyes at high bulk phase ionic strength (1994) Journal of the Chemical Society, Faraday Transactions, 90 (4), pp. 629-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001666984&doi=10.1039%2FTf9949000629&partnerID=40&md5=df43ec5f72496f3ef936ec871745cda5
	Mchedlov-Petrosyan, N.O. , Kukhtik, V.I., Alekseeva, V.I.	Ionization and Tautomerism of Fluorescein, Rhodamine B, N,N-Diethylrhodol and Related Dyes in Mixed and Nonaqueous Solvents (1994) Dyes and Pigments, 24 (1), pp. 11-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028264702&doi=10.1016%2F0143-7208%2894%2987009-8&partnerID=40&md5=20341499bc4999b6b7608757da6b0581
	Mchedlov-Petrosyan, N.O. , Mayorga, R.S.	Extraordinary character of the solvent influence on protolytic equilibria: Inversion of the fluorescein ionization constants in H2O-DMSO mixtures (1992) Journal of the Chemical Society, Faraday Transactions, 88 (20), pp. 3025-3032.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049074968&doi=10.1039%2FTf9928803025&partnerID=40&md5=277317e119a4cfc649d9b39c3ba664fd
	Mchedlov-Petrosyan, N.O. , Fedorov, L.A., Sokolovskii, S.A., Surov, Yu.N., Maiorga, R.S.	Structural conversions of rhodamines in solution (1992) Bulletin of the Russian Academy of Sciences Division of Chemical Science, 41 (3), pp. 403-409.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009523610&doi=10.1007%2FBF00863052&partnerID=40&md5=d708f9393fc92fae515f0401f5bba706
	Mchedlov-Petrosyan, N.O. , Rubtsov, M.I., Lukatskaya, L.L.	Ionization and Tautomerism of Chloro-Derivatives of Fluorescein in Water and Aqueous Acetone (1992) Dyes and Pigments, 18 (3), pp. 179-198.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026627407&doi=10.1016%2F0143-7208%2892%2987002-1&partnerID=40&md5=5f11857a0dc583e41f394d48ed58534d
	Mchedlov-Petrosyan, N.O. , Shapovalov, S.A., Koval, V.L., Shakhverdov, T.A., Bochkaryov, Y.A.	the surfactant-induced formation of J- and H-aggregates in aqueous pseudoisocyanine solutions (1992) Dyes and Pigments, 19 (1), pp. 33-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027050218&doi=10.1016%2F0143-7208%2892%2987009-P&partnerID=40&md5=6be7088b17c5ec0caca7599823c76577
	Zaslavsky, B.Yu., Miheeva, L.M., Gulaeva, N.D., Borovskaya, A.A., Rubtsov, M.I., Lukatskaya, L.L., Mchedlov-Petrosyan, N.O.	Influence of non-ionic polymers on solvent properties of water as detected by studies of acid-base equilibria of sulphonephthalein and fluorescein dyes (1991) Journal of the Chemical Society, Faraday Transactions, 87 (7), pp. 931-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645279071&doi=10.1039%2FTf9918700931&partnerID=40&md5=de6a3c805046503c1eaba5e6749f0edd
	Orlov, V.D., Aziz, M.A., Mchedlov-Petrosyan, N.O. , Asoka, P.K.D.	Electrophilic substitution in N-aryl-2-pyrazolines. 4. Azo coupling reactions (1985) Chemistry of Heterocyclic Compounds, 21 (11), pp. 1246-1251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250131685&doi=10.1007%2FBF00515222&partnerID=40&md5=58acfb9c368e5c7f78fb8900c66558dc

10	Obukhova, E.N., Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Patsenkin, L.D., Doroshenko, A.O. , Marynin, A.I., Krasovitskii, B.M.	Absorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate (2017) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 170, pp. 138-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&doi=10.1016%2F.saa.2016.07.002&partnerID=40&md5=601ee444ba0ee00c1c50b9a3b2a0ffcc
	Kondratyeva, I., Orzel, ., Kobasa, I., Doroshenko, A. , Macyk, W.	Photosensitization of titanium dioxide with 4'-dimethylamino flavonol (2016) <i>Materials Science in Semiconductor Processing</i> , 42, pp. 62-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958947370&doi=10.1016%2F.mssp.2015.08.002&partnerID=40&md5=3058c865009c5946804cb4917188a2f2
	Lyapunov, A., Kirichenko, T., Kulygina, C., Zubatyuk, R., Fonari, M., Kyrychenko, A., Doroshenko, A.	New fluorenonocrownophanes containing azobenzene: Synthesis, properties and interaction with paraquat (2015) <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 81 (3-4), pp. 499-508.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952776778&doi=10.1007%2F.s10847-015-0484-0&partnerID=40&md5=36098a328ef469effd9f16deb3a8fc0f
	Ilyashenko, R.Y., Borodin, O.O., Wera, M., Doroshenko, A.O.	2,5-bis[2-(2-phenyl-1,3-oxazol-5-yl)phenyl]-1,3,4-oxadiazole - New sterically hindered high Stokes shift fluorophore sensitive to media viscosity (2015) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 298, pp. 68-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911869310&doi=10.1016%2F.jphotochem.2014.10.018&partnerID=40&md5=e8de3e51abc770561a6094f37327c16
	Borodin, O.O., Ilyashenko, R.Y., Doroshenko, A.O.	5-[4-(N,N-Dimethylamino)Phenyl]-2-(4-Pyridyl)-1,3-Oxazole as a fluorescent probe for monitoring microheterogeneous media (2014) <i>Chemistry of Heterocyclic Compounds</i> , 50 (3), pp. 379-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904331676&doi=10.1007%2F.s10593-014-1486-3&partnerID=40&md5=ae40007b6b481f8485923fe3cc3c855e
	Chepeleva, L.V., Roshal, A.D., Lukyanov, B.S., Doroshenko, A.O. , Tyurin, R.V., Lukyanova, M.B.	Photochromic and thermochromic spirans 41*. Quantum-chemical study of the Geometry and electronic structure of 1,3,3-Trimethyl-1',2'-Diphenylspiro[Indoline-2,7'-Furo[3,2-f]Chromene] in the ground and excited states (2014) <i>Chemistry of Heterocyclic Compounds</i> , 50 (3), pp. 364-370.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904308313&doi=10.1007%2F.s10593-014-1483-6&partnerID=40&md5=c33efcd2118d16c2f50b99ddc18fe911d
	Dereka, B., Svehkarev, D., Doroshenko, A.O.	Facile ultrasensitive monitoring of mercury ions in water by fluorescent ratiometric detection (2013) <i>Central European Journal of Chemistry</i> , 11 (4), pp. 584-593.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873345145&doi=10.2478%2F.s11532-012-0193-0&partnerID=40&md5=8cef08e223888306a02085d55292c3df
	Doroshenko, A.O. , Matsakov, A.Yu., Nevskii, O.V., Grygorovych, O.V.	Excited state intramolecular proton transfer reaction revisited: S1 state or general reversibility? (2012) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 250, pp. 40-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867835309&doi=10.1016%2F.jphotochem.2012.09.010&partnerID=40&md5=ddfe80bbae9ec43082c3f47e6fd358f1
	Kyrychenko, A., Karpushina, G.V., Svehkarev, D., Kolodezny, D., Bogatyrenko, S.I., Kryshal, A.P., Doroshenko, A.O.	Fluorescence probing of thiol-functionalized gold nanoparticles: Is alkythiol coating of a nanoparticle as hydrophobic as expected? (2012) <i>Journal of Physical Chemistry C</i> , 116 (39), pp. 21059-21068.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867186711&doi=10.1021%2F.jp3060813&partnerID=40&md5=45f70dfcb1387b192a45ce4b199502e4
	Svehkarev, D.A., Doroshenko, A.O. , Kolodezny, D.Y.	1,4-bis-(3-hydroxy-4-oxo-4H-chromen-2-yl)-benzene (bis-flavonol): Synthesis, spectral properties and principle possibility of the excited state double proton transfer reaction (2012) <i>Central European Journal of Chemistry</i> , 10 (1), pp. 205-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455162693&doi=10.2478%2F.s11532-011-0127-2&partnerID=40&md5=a33fe7015f65d51b6651207e72505
	Kyrychenko, A., Karpushina, G.V., Bogatyrenko, S.I., Kryshal, A.P., Doroshenko, A.O.	Preparation, structure, and a coarse-grained molecular dynamics model for dodecanethiol-stabilized gold nanoparticles (2011) <i>Computational and Theoretical Chemistry</i> , 977 (1-3), pp. 34-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84555218596&doi=10.1016%2F.comptc.2011.09.003&partnerID=40&md5=f12637c4b33036b75f7cdbc679a3a08c
	Ilyashenko, R.Y., Zozulia, O.S., Doroshenko, A.O.	High Stokes shift long-wavelength energy gap regulated fluorescence in the series of nitro/dimethylamino-substituted ortho-analogs of POPOP (2011) <i>Central European Journal of Chemistry</i> , 9 (6), pp. 962-971.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83555173215&doi=10.2478%2F.s11532-011-0092-9&partnerID=40&md5=499ae2f4f8cd24c45da0188c3c05174
	Ilyashenko, R.Y., Gorobets, N.Y., Doroshenko, A.O.	New and efficient high Stokes shift fluorescent compounds: Unsymmetrically substituted 1,2-bis-(5-phenyloxazol-2-yl)benzenes via microwave-assisted nucleophilic substitution of fluorine (2011) <i>Tetrahedron Letters</i> , 52 (39), pp. 5086-5089.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052182945&doi=10.1016%2F.tetlet.2011.07.100&partnerID=40&md5=14894d9fccc8eb8341901a4fcb3e2b
	Svehkarev, D., Dereka, B., Doroshenko, A.	Mercury ions complexation with a series of heterocyclic derivatives of 3-hydroxychromone: Spectral effects and prospects for ultrasensitive Hg 2+ probing (2011) <i>Journal of Physical Chemistry A</i> , 115 (17), pp. 4223-4230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955544173&doi=10.1021%2F.jp110974n&partnerID=40&md5=2d69f4739718a5026506dd8076f4d09
	Svehkarev, D., Doroshenko, A., Baumer, V., Dereka, B.	Nature of dual fluorescence in 2-(quinolin-2-yl)-3-hydroxychromone: Tuning between concurrent H-bond directions and ESIPT pathways (2011) <i>Journal of Luminescence</i> , 131 (2), pp. 253-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649634279&doi=10.1016%2F.jlum.2010.10.007&partnerID=40&md5=b0fe1f65d51a8c30213f59300080f4f
	Kyrychenko, A., Sevriukov, I.Y., Syzova, Z.A., Ladokhin, A.S., Doroshenko, A.O.	Partitioning of 2,6-Bis(1H-Benzimidazol-2-yl)pyridine fluorophore into a phospholipid bilayer: Complementary use of fluorescence quenching studies and molecular dynamics simulations (2011) <i>Biophysical Chemistry</i> , 154 (1), pp. 8-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79751530854&doi=10.1016%2F.bpc.2010.12.001&partnerID=40&md5=a95fad0c5d11943cc6d3885d150758d1
	Vodolazkaya, N.A., Mchedlov-Petrosyan, N.O., Salamanova, N.V., Surov, Y.N., Doroshenko, A.O.	Molecular spectroscopy studies of solvent properties of dispersed 'water pools': Fluorescein and 2,7-dichlorofluorescein in reversed AOT-based microemulsions (2010) <i>Journal of Molecular Liquids</i> , 157 (2-3), pp. 105-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249253947&doi=10.1016%2F.molliq.2010.08.013&partnerID=40&md5=2538f3d6ee34b282b171f215482a2c07
	Ilyashenko, R., Wera, M., Bazejowski, J., Doroshenko, A.	5-(4-Fluorophenyl)-2-[2-(5-phenyl-1,3-oxazol-2-yl)phenyl]-1,3-oxazole (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (9), pp. o2379-o2380.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956323266&doi=10.1107%2F.I51600536810031235&partnerID=40&md5=0d80332dd50d3cd58df1700dd0ce78b5
	Grygorovych, O.V., Nevskii, O.V., Moskalenko, S.M., Pivovarenko, V.G., Doroshenko, A.O.	Protolytic properties of the structurally rigid analogs of 2,6-distyrylpyridine. Widening the pH sensitivity range by the photochemical E→Z isomerisation and introduction of substituents capable to protolytic interactions (2010) <i>Central European Journal of Chemistry</i> , 8 (4), pp. 766-782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953881893&doi=10.2478%2F.s11532-010-0051-x&partnerID=40&md5=d37721ce23ca6a71a0540f37d2ae4564
	Grygorovych, O.V., Moskalenko, S.M., Marekha, B.A., Doroshenko, A.O.	Heterogeneous wide range pH-sensing materials allowing ratiometric fluorescence detection based on structurally rigid analogs of 2,6-distyrylpyridine. (2010) <i>Journal of fluorescence</i> , 20 (1), pp. 115-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952296636&doi=10.1007%2F.s10895-009-0529-0&partnerID=40&md5=1f97e902015c6f520401251e43d671a4
	Chepeleva, L.V., Matsakov, A.Y., Kondratyuk, Z.A., Yaremenko, F.G., Doroshenko, A.O.	Pyrazolylc 3-hydroxychromones: Regulation of ESIPT reaction by the "flavonol-like" intramolecular hydrogen bonding to carbonyl group oxygen, which dominates over the "alternative" H-bond to heterocyclic nitrogen (2010) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 209 (2-3), pp. 163-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952243288&doi=10.1016%2F.jphotochem.2009.11.010&partnerID=40&md5=64b915bf3ed3482818eb9d891dc950e7
	Nikolaev, S.V., Pozhar, V.V., Dzyubenko, M.I., Doroshenko, A.O.	Far-red polyurethane-host solid-state dye laser (2009) <i>Quantum Electronics</i> , 39 (9), pp. 789-792.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70949092784&doi=10.1070%2F.QE2009v039n09ABEH014075&partnerID=40&md5=92ab7895ca20f18bf353e2431e597a1
	Papov, B.V., Shihkin, O.V., Shishkina, S.V., Kovach, Y.A., Kravchenko, S.A., Doroshenko, A.O.	Hydrazine-1-carbonitriles: New synthesis approach to and reactions with carbonyl compounds (2009) <i>Monatsh für Chemie</i> , 140 (11), pp. 1337-1342.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70450227504&doi=10.1007%2F.s00706-009-0184-9&partnerID=40&md5=f70035ed9878dd6453d6818cc496b47e
	Doroshenko, A.O.	Comments on the paper "ESIPT from S2 singlet state in 3-hydroxyflavone" by V.I. Tomin and R. Jaworski [J. Mol. Struct. 924-926 (2009) 461-465] (2009) <i>Journal of Molecular Structure</i> , 933 (1-3), pp. 169-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67949124546&doi=10.1016%2F.jmolstruc.2009.06.012&partnerID=40&md5=341e7fcf8b20bd1dc0ed1c607bebd636
	Svehkarev, D.A., Bukatich, I.V., Doroshenko, A.O.	New 1,3,5-triphenyl-2-pyrazoline-containing 3-hydroxychromones as highly solvatochromic ratiometric polarity probes (2008) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 200 (2-3), pp. 426-431.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56249112630&doi=10.1016%2F.jphotochem.2008.09.005&partnerID=40&md5=b357eb53bb858e20225a2ca6f42ea536
	Svehkarev, D.A., Karpushina, G.V., Lukatskaya, L.L., Doroshenko, A.O.	2-(benzimidazol-2-yl)-3-hydroxychromone derivatives: Spectroscopic properties and a possible alternative intramolecular proton phototransfer (2008) <i>Central European Journal of Chemistry</i> , 6 (3), pp. 443-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149089610&doi=10.2478%2F.s11532-008-0039-y&partnerID=40&md5=c28cb6a1c873e2934814907717082d
	Svehkarev, D.A., Baumer, V.N., Syzova, Z.A., Doroshenko, A.O.	New benzimidazolylc 3-hydroxychromone derivative with two alternative mechanisms of the excited state intramolecular proton transfer reaction (2008) <i>Journal of Molecular Structure</i> , 882 (1-3), pp. 63-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44349144980&doi=10.1016%2F.jmolstruc.2007.09.009&partnerID=40&md5=672d8c22672a802b2f7b41a56fac9a8d
	Zyabrev, K., Doroshenko, A. , Mikitenko, E., Slominskii, Y., Tolmachev, A.	Design, synthesis, and spectral luminescent properties of a novel polycarbocyanine series based on the 2,2-difluoro-1,3,2-dioxaborine nucleus (2008) <i>European Journal of Organic Chemistry</i> , (9), pp. 1550-1558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53849097347&doi=10.1002%2F.ejoc.200701012&partnerID=40&md5=becb6ac4a2c09871ed3a452dd4d070a

Ebead, Y., Roshal, A.D., Wróblewska, A., Doroshenko, A.O. , Blazejowski, J.	Tautomerism of acridin-9-amines substituted at the exocyclic nitrogen atom: Spectroscopic investigations and theoretical studies (2007) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 66 (4-5), pp. 1016-1023.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847281338&doi=10.1016%2Fj.saa.2006.05.014&partnerID=40&md5=4d7e5c34e6eb724e66a532538f9d14a
Lvovskaya, M.I., Roshal, A.D., Doroshenko, A.O. , Kyrychenko, A.V., Khilya, V.P.	Fluorescence behavior of chromones containing several protolytic centers. 3-Thiazolylchromones: Emission band assignment and pH dependent effects (2006) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 65 (2), pp. 397-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748175576&doi=10.1016%2Fj.saa.2005.11.020&partnerID=40&md5=8d301fd39372f24eb5532256e41ba81c
Tatarets, A.L., Fedyunayeva, I.A., Dyubko, T.S., Povozin, Y.A., Doroshenko, A.O. , Terpetschnig, E.A., Patsenker, L.D.	Synthesis of water-soluble, ring-substituted squaraine dyes and their evaluation as fluorescent probes and labels (2006) <i>Analytica Chimica Acta</i> , 570 (2), pp. 214-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745010241&doi=10.1016%2Fj.aca.2006.04.019&partnerID=40&md5=bc3f64e81b4cb772a1bf3356541adb
Kolos, N.N., Paponov, B.V., Orlov, V.D., Lvovskaya, M.I., Doroshenko, A.O. , Shishkin, O.V.	Derivatives of Δ^2 -pyrazoline-products of 1,5-diaminotetrazole interaction with chalcone: Molecular structure and spectral properties (2006) <i>Journal of Molecular Structure</i> , 785 (1-3), pp. 114-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644523129&doi=10.1016%2Fj.molstruc.2005.10.004&partnerID=40&md5=a367e1251e405e709380ce7c9823ad41
Starukh, G.N., Eremenko, A.M., Smirnova, N.P., Chuiko, A.A., Grigorovich, A.V., Doroshenko, A.O.	Fluorescent properties of pyrene- β -cyclodextrin inclusion complexes in titanium-silica sols (2006) <i>Colloid Journal</i> , 68 (2), pp. 236-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645671174&doi=10.1134%2FS1061933X06021065&partnerID=40&md5=ead52a29e2f1f51c92cf48ba374bd2
Levchenko, A.N., Pritula, I.M., Velikhov, Y.N., Doroshenko, A.O. , Ivanova, E.V., Tyutyunnik, V.B., Puzikov, V.M.	Anisotropy of optical properties of KDP single crystals with organic dye (2005) <i>Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers</i> , 1, art. no. 1553827, pp. 94-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483871&doi=10.1109%2FICAOL.2005.1553827&partnerID=40&md5=c15005d372ec123a22609ebc18ab03
Levchenko, A.N., Velikhov, Y.N., Pritula, I.M., Doroshenko, A.O. , Tyutyunnik, V.B., Sopin, A.A., Nikolov, O.T.	Optical absorption and luminescence in KDP:Xo dye inclusion crystals (2004) <i>Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling</i> , pp. 76-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244498223&partnerID=40&md5=0a4dc6135e20d66328988eb8b8d35a76
Syzova, Z.A., Doroshenko, A.O. , Lukatskaya, L.L., Rubtsov, M.I., Karasyov, A.A.	Bichromophoric fluorescent dyes with rigid molecular structure: Fluorescence ability regulation by the photoinduced intramolecular electron transfer (2004) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 165 (1-3), pp. 59-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042643779&doi=10.1016%2Fj.photochem.2004.02.020&partnerID=40&md5=77051929bbe4fbb51705b2812ebc4ac
Valyuk, V.F., Pivovarenko, V.G., Grigorovich, A.V., Doroshenko, A.O.	Spectral and acid-base properties of arylidene derivatives of dicyclopentano[b,e]pyridines serving as fluorescent pH-indicators (2004) <i>Theoretical and Experimental Chemistry</i> , 40 (4), pp. 266-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23944433479&doi=10.1023%2F03aTHEC.0000041813.53353.94&partnerID=40&md5=0c4e002efc42759b1365f7697e499bb8
Doroshenko, A.O. , Bilokin, M.D., Pivovarenko, V.G.	New fluorescent dye of dibenzalcylopentanone series possessing increased solvatochromism and "energy gap law" regulated fluorescence quenching in polar solvents (2004) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 163 (1-2), pp. 95-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1342328687&doi=10.1016%2FS1010-6030%2803%2900435-0&partnerID=40&md5=b1708e7a69efa3ce91192849e540bccd
Chepeleva, L.V., Doroshenko, A.O. , Kutulya, L.A., Drushlyak, T.G., Pivnenko, N.S., Vashchenko, V.V.	Photochemical transformations of 2-arylidene-menthanones - Chiral dopants for liquid crystalline systems (2003) <i>Proceedings of SPIE - The International Society for Optical Engineering</i> , 5257, pp. 71-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842528155&partnerID=40&md5=abc19c7af09f02ee44aca6c7cc030c2d
Pivovarenko, V.G., Grygorovych, A.V., Valuk, V.F., Doroshenko, A.O.	Structurally rigid 2,6-distyrylpyridines - A new class of fluorescent dyes. 1. Synthesis, steric constitution and spectral properties (2003) <i>Journal of Fluorescence</i> , 13 (6), pp. 479-487.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543145401&doi=10.1023%2FB%3aJOFL.0000008058.34149.df&partnerID=40&md5=df445fddae974e5deb1f40bc3bdf042
Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Doroshenko, A.O.	Ionic Equilibria of Fluorophores in Organized Solutions: The Influence of Micellar Microenvironment on Protolytic and Photophysical Properties of Rhodamine B (2003) <i>Journal of Fluorescence</i> , 13 (3), pp. 235-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346460135&doi=10.1023%2FA%3a1025089916356&partnerID=40&md5=5d208d5c7b551597bd7c9922eb287384
Doroshenko, A.O. , Pivovarenko, V.G.	Fluorescence quenching of the ketocyanine dyes in polar solvents: Anti-TICT behavior (2003) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 156 (1-3), pp. 55-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037456666&doi=10.1016%2FS1010-6030%2802%2900006-6&partnerID=40&md5=5668d17a6ac6ddae1fdb761533e7ebb
Galunov, N.Z., Krasovitskii, B.M., Lyubenko, O.N., Yermolenko, I.G., Patsenker, L.D., Doroshenko, A.O.	Spectral properties and applications of the new 7H-benzo[de]pyrazolo[5,1-a]isouquinolin-7-ones (2003) <i>Journal of Luminescence</i> , 102 (103), pp. 119-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037402156&doi=10.1016%2FS0022-2313%2802%2900477-5&partnerID=40&md5=ce18f15e90c9a37852ca3709dda260ab
Doroshenko, A.O.	Physicochemical principles of the creation of highly efficient organic luminophores with anomalously high Stokes' shifts (2002) <i>Theoretical and Experimental Chemistry</i> , 38 (3), pp. 135-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41449086395&partnerID=40&md5=ec7b040d5288e77105e5d672c23b586
Doroshenko, A.O. , Sychevskaya, L.B., Grygorovych, A.V., Pivovarenko, V.G.	Fluorescence Probing of Cell Membranes with Azacrown Substituted Ketocyanine Dyes (2002) <i>Journal of Fluorescence</i> , 12 (3-4), pp. 455-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1942518333&doi=10.1023%2FA%3a1021374212498&partnerID=40&md5=87e7cadce1496dc12fb23a74da54f33c
Karasev, A.A., Lukatskaya, L.L., Rubtsov, M.I., Sizova, Z.A., Doroshenko, A.O.	Synthesis, acid-base and spectral properties of 3-(benzimidazol-2-yl)-2-phenylimino-2H-chromenes (2002) <i>Russian Chemical Bulletin</i> , 51 (11), pp. 2070-2073.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036928779&doi=10.1023%2FA%3a1021616027620&partnerID=40&md5=f229bb28a455134b5389f93a8fe18846
Sizova, Z.A., Karasev, A.A., Lukatskaya, L.L., Rubtsov, M.I., Doroshenko, A.O.	Acid-base properties of 3-benzazolylocoumarins and their imino analogs (2002) <i>Theoretical and Experimental Chemistry</i> , 38 (3), pp. 168-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042652686&partnerID=40&md5=26679d42b3f953b52c0af730c69c548e
Pivnenko, N.S., Drushlyak, T.G., Kutulya, L.A., Vashchenko, V.V., Doroshenko, A.O. , Goodby, J.W.	Conformational analysis of some 1R,4S-2-arylidene-p-menthan-3-ones by ¹ H NMR spectroscopy and molecular simulation (2002) <i>Magnetic Resonance in Chemistry</i> , 40 (9), pp. 566-572.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142119555&doi=10.1002%2Fmrc.1068&partnerID=40&md5=965dd3b5e6184eb0f138584a5f97eced
Doroshenko, A.O. , Baumer, V.N., Verezubova, A.A., Pyagina, L.M.	Molecular structure of unsubstituted oxadiazolic analog of ortho-POPOP and peculiarities of conformational structure of this class of sterically hindered organic compounds (2002) <i>Journal of Molecular Structure</i> , 609 (1-3), pp. 29-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037198472&doi=10.1016%2FS0022-2860%2801%2900889-4&partnerID=40&md5=ebf10cf033ae4f4841bf7a9d31895c82
Doroshenko, A.O. , Posokhov, E.A., Verezubova, A.A., Pyagina, L.M., Skripkina, V.T., Shershukov, V.M.	Radiationless deactivation of the excited phototautomer form and molecular structure of ES IPT-compounds (2002) <i>Photochemical and Photobiological Sciences</i> , 1 (2), pp. 92-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041910062&doi=10.1039%2Fb107255m&partnerID=40&md5=0148a76053c91d51dbf8578e538cc6f8
Doroshenko, A.O. , Sakhno, T.V., Kyrychenko, A.V.	Molecular structure and photophysics of N-quaternary diaryloxazolium salts (2002) <i>Spectroscopy Letters</i> , 35 (2), pp. 171-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036326871&doi=10.1081%2FSL-120003803&partnerID=40&md5=bc3e665ceacbbe5cfc3c2099ab4ab02
Doroshenko, A.O. , Posokhov, E.A., Sytnik, K.M., Kovalenko, S.N.	Intramolecular phototransfer of proton and quenching of fluorescence of 5-(o-hydroxyphenyl)-2-(coumarinyl-3)-1,3,4-oxadiazole derivatives (2001) <i>Khimiya Geterotsiklicheskikh Soedinenii</i> , (5), pp. 686-698.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243648624&partnerID=40&md5=b793a1713d18dee0bf68e75952abb72e
Paranich, A.V., Roshal, A.D., Doroshenko, A.O.	Identification method for natural vegetable oils (2001) <i>Voprosy Pitaniia</i> , 70 (2), pp. 35-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035230586&partnerID=40&md5=9912f3e3e0d28b63f2f05fd6324c0624
Doroshenko, A.O. , Posokhov, E.A., Sytnik, K.M., Kovalenko, S.N.	Intramolecular phototransfer of protons and the quenching of fluorescence of derivatives of 2-(coumarinyl-3)-5-(ortho-hydroxyphenyl)-1,3,4-oxadiazole (2001) <i>Chemistry of Heterocyclic Compounds</i> , 37 (5), pp. 633-644.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347238209&doi=10.1023%2FA%3a1011621025169&partnerID=40&md5=8ae12844feb691493a69c4e9d2050b04
Pivnenko, N.S., Vashchenko, V.V., Kutulya, L.A., Doroshenko, A.O. , Chepeleva, L.V.	Conformations of Z- and E-isomers of some chiral (1R,4R)-2-arylidene-p-menthan-3-ones (2001) <i>Russian Chemical Bulletin</i> , 50 (9), pp. 1596-1604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035528236&doi=10.1023%2FA%3a1013082417885&partnerID=40&md5=10731ccaef70df8d46d3c794bcd09a02
Doroshenko, A.O. , Grigorovich, A.V., Posokhov, E.A., Pivovarenko, V.G., Demchenko, A.P., Sheiko, A.D.	Complex formation between azacrown derivatives of dibenzylidencyclopentanone and alkali-earth metal ions (2001) <i>Russian Chemical Bulletin</i> , 50 (3), pp. 404-412.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035537433&doi=10.1023%2FA%3a1011392619954&partnerID=40&md5=333637cd7a178f873065ac6d0f64613f
Paranich, A.V., Tyslenko, K.V., Frolova, N.A., Grigorovich, A.-V., Doroshenko, A.O. , Roshal, A.D., Aldabaev, Yu.V., Zakrevskii, D.I., Svetlakova, N.N.	Structural and functional changes in different cells after irradiation (2001) <i>Biofizika</i> , 46 (6), pp. 1106-1107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040749136&partnerID=40&md5=138a5cc707c322a47b5973f07e22ccc9

Paranich, A.V., Tyslenko, K.V., Frolova, N.A., Grigorovich, A.V., Doroshenko, A.O. , Roshal', A.D., Aldabaev, I.V., Zakrevskii, D.I., Svetlakova, N.N.	Structural and functional changes in various cells following radiation exposure [Strukturno-funktsional'nye izmeneniia v kletkakh razlichnykh tipov posle radiatsionnogo vozdeistviia.] (2001) Biofizika, 46 (6), p. 1103-1107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035515804&partnerID=40&md5=36f549c2b5829a97570e89345c8cda9f
Kutulya, L.A., Vashchenko, V.V., Doroshenko, A.O. , Pivnenko, M.N., Chepeleva, L.V., Pivnenko, N.S., Shkolnikova, N.I.	New chiral E- and Z-isomers of the 1R,4R-2-arylidene-p-menthane-3-ones in induced cholesteric and ferroelectric liquid crystals (2001) Proceedings of SPIE-The International Society for Optical Engineering, 4418, pp. 89-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034858986&doi=10.1117/2f12.428299&partnerID=40&md5=a20cca9c74b4e7fcb4d7f83ae98691c
Doroshenko, A.O. , Posokhov, E.A., Shershukov, V.M.	Competition between intra- and intermolecular proton transfer in the excited state of ortho-hydroxy derivatives of 2,5-diphenyl-1,3-oxazole in media of various acidity (2000) Russian Journal of General Chemistry, 70 (4), pp. 573-578.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034339641&partnerID=40&md5=c4e6acd603fb0466aed1da7472553f
Dreval, V.I., Sichevskaya, L.V., Doroshenko, A.O. , Roshal', A.D.	Radiation-induced structural changes in proteins of erythrocyte membranes (2000) Biofizika, 45 (5), p. 838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039339398&partnerID=40&md5=f952421bc67e0a0fd40e8beadfd04971
Içli, S., Anil, H., Dindar, B., Alankuş-Çalışkan, O., Yayla, Y., Doroshenko, A.O. , Alp, S.	High fluorescence emissions of some natural benzofuran derivatives isolated from Styrax officinalis (2000) Turkish Journal of Chemistry, 24 (2), pp. 199-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034375697&partnerID=40&md5=c5b309c2a5c4ea1d5d1c026462cf93c912
Alp, S., Erten, Ş., Karapire, C., Köz, B., Doroshenko, A.O. , Içli, S.	Photoinduced energy-electron transfer studies with naphthalene diimides (2000) Journal of Photochemistry and Photobiology A: Chemistry, 135 (2-3), pp. 103-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001159427&partnerID=40&md5=5b64f4bba8dbb1b4cee7b2bdde09e4
Dreval', V.I., Sichevskaia, L.V., Doroshenko, A.O. , Roshal', A.D.	Radiation-induced changes in the structure of erythrocyte membrane proteins [Radiatsionno-indutsiruemye izmeneniia struktury belkov éritrotsitarnykh membran.] (2000) Biofizika, 45 (5), pp. 836-838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034266247&partnerID=40&md5=ad9293cef4093ac870957396d9a252e
Içli, S., Demic, S., Dindar, B., Doroshenko, A.O. , Timur, C.	Photophysical and photochemical properties of a water-soluble perylene diimide derivative (2000) Journal of Photochemistry and Photobiology A: Chemistry, 136 (1-2), pp. 15-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007263710&partnerID=40&md5=d1d7b3c998e4ff386e0554a40cad06c
Pivovarenko, V.G., Klueva, A.V., Doroshenko, A.O. , Demchenko, A.P.	Bands separation in fluorescence spectra of ketocyanine dyes: Evidence for their complex formation with monohydric alcohols (2000) Chemical Physics Letters, 325 (4), pp. 389-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000085354&partnerID=40&md5=7204556c2f86c40be33fb79eed7f450b
Doroshenko, A.O. , Kyrychenko, A.V., Baumer, V.N., Verezubova, A.A., Ptyagina, L.M.	Molecular structure, fluorescent properties and dynamics of excited state structural relaxation of the oxadiazolic ortho-analog of POPOP with the additional sterical hindrance (2000) Journal of Molecular Structure, 524 (1-3), pp. 289-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034643855&doi=10.1016%2FS0022-2860%2800%2900405-1&partnerID=40&md5=f4aae2767ad37fa22a4f8f39db7b5918
Doroshenko, A.O.	Spin-orbit interaction and structural relaxation of the 1,2-bis-(5-phenyloxazolyl-2)-benzene molecule in the excited state (2000) Russian Journal of Physical Chemistry A, 74 (5), pp. 773-777.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034341916&partnerID=40&md5=62aaf870f291a580501a6632a7cb5b2
Doroshenko, A.O. , Posokhov, E.A., Verezubova, A.A., Ptyagina, L.M.	Excited state intramolecular proton transfer reaction and luminescent properties of the ortho-hydroxy derivatives of 2,5-diphenyl-1,3,4-oxadiazole (2000) Journal of Physical Organic Chemistry, 13 (5), pp. 253-265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-000097765&partnerID=40&md5=0a80ca720fdcc22a18bb05f8237c5a6a
Doroshenko, A.O.	Spin-orbit interaction an structural relaxation of the 1,2-Bis-(5-phenyloxazolyl-2)-benzene molecule in the excited state (2000) Zhurnal Fizicheskoi Khimii, 74 (5), pp. 877-881.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033777376&partnerID=40&md5=45ad12fefe74d32d0641108ab38abad8
Doroshenko, A.D. , Posokhov, E.A.	Mechanisms of photoinduced protolytic interactions of 2,5-diphenyloxazole ortho-hydroxy derivatives in media of various acidities (2000) High Energy Chemistry, 34 (2), pp. 93-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033819432&partnerID=40&md5=12d8d81df3a3a9da4b260a04bfd0c5e1
Doroshenko, A.O. , Kyrychenko, A.V., Waluk, J.	Low temperature spectra of the ortho-POPOP molecule: additional arguments of its flattening in the excited state (2000) Journal of Fluorescence, 10 (1), pp. 41-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033732218&doi=10.1023%2FA%3a1009435629589&partnerID=40&md5=b55825fb42371d6afa4a0e6f5d4c7079
Doroshenko, A.O.	The effect of solvent on the spectral properties and Dynamics of structural relaxation of two excites-state ortho-analogs of popop with essentially different polarities (1999) Chemical Physics Reports, 18 (5), pp. 873-879.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347608526&partnerID=40&md5=5849cf772f7699997511af2013e628af
Doroshenko, A.O. , Posokhov, E.A.	Proton phototransfer in a series of ortho-hydroxy derivatives of 2,5-diaryl-1,3-oxazole and 2,5-diaryl-1,3,4-oxadiazole in polystyrene films (1999) Theoretical and Experimental Chemistry, 35 (6), pp. 334-337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53149096185&partnerID=40&md5=134ccfd6d291d046921e8e677197e
El'tsov, S.V., Doroshenko, A.O. , Bondarev, N.V.	Thermodynamics of complex formation of metal ions with crown ethers: The systems Na ⁺ -dibenzo-18-crown-6-H ₂ O-CH ₃ CN and K ⁺ -dibenzo-18-crown-6-H ₂ O-CH ₃ CN (1999) Russian Journal of Inorganic Chemistry, 44 (2), pp. 284-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444392749&partnerID=40&md5=77cbf6513f71e139a06149e4969d551e
Içli, S., Doroshenko, A.O. , Alp, S., Abmanova, N.A., Egorova, S.I., Astley, S.T.	Structure and luminescent properties of the 4-arylidene-2-aryl-5-oxazolones(azlactones) in solution and crystalline state (1999) Spectroscopy Letters, 32 (4), pp. 553-569.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012417199&partnerID=40&md5=4f8da7088df70bbbc6342546a92f1d83
Roshal, A.D., Grigorovich, A.V., Doroshenko, A.O. , Pivovarenko, V.G., Demchenko, A.P.	Flavonols as metal-ion chelators: Complex formation with Mg ²⁺ and Ba ²⁺ cations in the excited state (1999) Journal of Photochemistry and Photobiology A: Chemistry, 127 (1-3), pp. 89-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002621228&partnerID=40&md5=5483771f48577db6a3101f2b5d5a108
Kirichenko, A.V., Doroshenko, A.O. , Shershukov, V.M.	Fluorescence spectra and dynamics of structural relaxation of excited-state derivatives of 1,2-bis-(5-phenyloxazolyl-2) benzene (1998) Chemical Physics Reports, 17 (9), pp. 1643-1651.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000997251&partnerID=40&md5=09b11143c02400fcd75aae0b1f5df6d
Kovalenko, S.N., Orlenko, I.V., Bilokin, Y.V., Doroshenko, A.O. , Posokhov, E.A., Chernykh, V.P.	Cyclic systems containing coumarin unit. 3. Studies on condensations of 3-acetylcoumarins with ammonium acetate. A facile synthesis and spectral-luminescent properties of 4-methyl-2-(2-oxo-2H-1-benzopyran-3-yl)[1]benzopyrano[3,4-c]pyridin-5-ones (1998) Heterocyclic Communications, 4 (5), pp. 467-472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032265602&partnerID=40&md5=51bd83fe0a48848fd4a67aba0dc27bf4
Andreeva, E.K., Yarmolenko, S.N., Doroshenko, A.O. , Ponomarev, O.A.	Protolytic Reactions and Photochemistry of N-Alkyl Derivatives of 7-Amino-4-methylcoumarin in a Toluene-Trifluoroacetic Acid Medium (1998) Russian Journal of General Chemistry, 68 (10), pp. 1643-1649.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032251047&partnerID=40&md5=09b4d5c769fd6f9d421258f06668c715
Roshal, A.D., Grigorovich, A.V., Doroshenko, A.O. , Pivovarenko, V.G., Demchenko, A.P.	Flavonols and crown-flavonols as metal cation chelators. The different nature of Ba ²⁺ and Mg ²⁺ complexes (1998) Journal of Physical Chemistry A, 102 (29), pp. 5907-5914.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000997755&partnerID=40&md5=317005e66a8472aca983201a67a78467
El'tsov, S.V., Doroshenko, A.O. , Bondarev, N.V.	Thermodynamics of Dissolution and Solvation of Dibenzo-18-crown-6 in Water, Acetonitrile, and Their Mixtures at 298.15-318.15 K (1998) Russian Journal of General Chemistry, 68 (3), pp. 346-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032327112&partnerID=40&md5=30ab689bbf47efa3f0fd7ecd269448737
Doroshenko, A.O.	Intramolecular proton-transfer reaction in an excited state in a series of ortho-hydroxy derivatives of 2,5-diaryloxazole (1997) High Energy Chemistry, 31 (6), pp. 388-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0008289895&partnerID=40&md5=6eda592f8e1b6a0186c095bc22ba01a6
Doroshenko, A.O. , Skripkina, V.T., Shershukov, V.M., Ponomaryov, O.A.	Fluorescence quenching in bichromophoric systems with nonconjugated chromophores: 5-Substituted derivatives of 1,3,5-triaryl-2-pyrazoline (1997) Journal of Fluorescence, 7 (2), pp. 131-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0005127949&partnerID=40&md5=4cb9b17e1af736841bab12c3a713f00c
Doroshenko, A.O. , Skripkina, V.T., Shershukov, V.M., Ponomarev, O.A.	Fluorescence quenching of 1,3,5-triaryl-2-pyrazoline derivatives with acceptor substituents in a 5-phenyl radical (1997) Optika i Spektroskopiya, 82 (3), pp. 373-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0005204356&partnerID=40&md5=5c73cfc1542cd5c5b1d3622d4d0ca279
Doroshenko, A.O. , Skripkina, V.T., Shershukov, V.M., Ponomarev, O.A.	Fluorescence quenching of 1,3,5-triaryl-2-pyrazoline derivatives with acceptor substituents in the 5-phenyl radical (1997) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 82 (3), pp. 338-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16944363301&partnerID=40&md5=2df6e890a572e445b2b22b124212e

	Doroshenko, A.O. , Baumer, V.N., Kirichenko, A.V., Shershukov, V.M., Tolmachev, A.V.	Peculiarities of structure of molecules of unsymmetrical ortho-analogs of POPOP (1997) Khimiya Geterotsiklicheskikh Soedinenii, (11), pp. 1549-1558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001996747&partnerID=40&md5=cb6cf1829aeb0b6a73f3cb2736283a0
	Doroshenko, A.O. , Skripkina, V.T., Posokhov, E.A., Obukhova, E.N., Shershukov, V.M.	Solvatofluorochromic properties of sulfonylfluorides derivatives of 2-phenyl-5-aryl(hetaryl)-1,3,4-oxadiazoles - Perspective fluorescent sounds (1997) Khimiya Geterotsiklicheskikh Soedinenii, (7), pp. 988-994.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19844384069&partnerID=40&md5=b48d16ce6cda7c37be7c1b1eab0ae3c3
	Doroshenko, A.O. , Posokhov, E.A., Belokon, Ya.V., Kovalenko, S.N., Ivanov, V.V., Ponomarev, O.A.	Cyclic systems containing coumarin unit. 2. Spectral-luminescent properties and spin-orbital interaction in molecules of 3-(2-R-thiazolyl-4)- and 3-(4-R-thiazolyl-2)coumarins (1997) Khimiya Geterotsiklicheskikh Soedinenii, (10), pp. 1356-1363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543004383&partnerID=40&md5=b5beb32355157ee18c9f153889ee55e
	Doroshenko, A.O. , Ivanov, V.V., Kovalenko, S.N., Zhuravel, I.A., Yarmolenko, S.N., Ponomarev, O.A.	Solvatofluorochromin and quenching of 3-(2'-aminothiazolyl-4')-coumarin fluorescence in polar media (1997) Chemical Physics Reports, 16 (11), pp. 1973-1980.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444249674&partnerID=40&md5=489b3d96c7dc0e6a87d2106eb38561e4
	Doroshenko, A.O. , Baumer, V.N., Kirichenko, A.V., Shershukov, V.M., Tolmachev, A.V.	Molecular structural features of unsymmetrical ortho analogs of POPOP (1997) Chemistry of Heterocyclic Compounds, 33 (11), pp. 1341-1349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544479512&partnerID=40&md5=ce3aaecab10a3505f1d15f57bc1f4b7
	Doroshenko, A.O. , Posokhov, E.A., Belokon, Ya.V., Kovalenko, S.N., Ivanov, V.V., Ponomarev, O.A.	Ensembles of rings with a coumarin unit. 2. Spectral luminescent properties and spin-orbit coupling in molecules of 3-(2-R-thiazol-4-yl)- and 3-(4-R-thiazol-2-yl)coumarins (1997) Chemistry of Heterocyclic Compounds, 33 (10), pp. 1177-1184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544448681&partnerID=40&md5=d5314f97d765468a258fcbde09f13b85
	Doroshenko, A.O. , Skripkina, V.T., Posokhov, E.A., Obukhova, E.N., Shershukov, V.M.	Solvatofluorochromic properties of sulfonyl fluoride derivatives of 5-aryl(heteroaryl)-2-phenyl-1,3,4-oxadiazole, promising fluorescent probes (1997) Chemistry of Heterocyclic Compounds, 33 (7), pp. 865-870.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544472980&partnerID=40&md5=ed1fe58c746ec11362cef07a32d9c1a1a
	Baumer, V.N., Doroshenko, A.O. , Verezubova, A.A., Ptiagina, L.M., Kirichenko, A.V., Ponomarev, O.A.	Molecule structure and conformations of sterically hindered aryl derivative of 1,3,4-oxadiazole containing the o,o'-biphenyl nucleus (1996) Khimiya Geterotsiklicheskikh Soedinenii, (7), pp. 984-991.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444388747&partnerID=40&md5=15eb94373af10db4c46a2a09e94121fb
	Baumer, V.N., Doroshenko, A.O. , Verezubova, A.A., Ptiagina, L.M., Kirichenko, A.V., Ponomarev, O.A.	Molecular structure and conformations of a sterically hindered aryl derivative of 1,3,4-oxadiazole containing an o,o'-biphenyl ring system (1996) Chemistry of Heterocyclic Compounds, 32 (7), pp. 844-850.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25444443686&partnerID=40&md5=8e1b0a3b7f29b397af6e83a5c2aca28
	Doroshenko, A.O. , Kirichenko, A.V., Mitina, V.G., Ponomarev, O.A.	Spectral properties and dynamics of the excited state structural relaxation of the ortho analogues of POPOP - Effective abnormally large Stokes shift luminophores (1996) Journal of Photochemistry and Photobiology A: Chemistry, 94 (1), pp. 15-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030584192&doi=10.1016%2F1010-6030%2895%2904203-2&partnerID=40&md5=4f1cafb83e72af9974d934e7d834a88
	Shershukov, V.M., Efimova, S.L., Malyukin, Yu.V., Skripkin, V.T., Doroshenko, A.O. , Ponomarev, O.A.	Structure and spectroluminescence properties of derivatives of 1,8-naphthoylene-1',2'-benzimidazole with substituents of various electronic types (1995) Chemistry of Heterocyclic Compounds, 31 (5), pp. 557-562.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249758170&doi=10.1007%2BF01166329&partnerID=40&md5=18d44d50e31136115c489247bf29a3b4
	Doroshenko, A.O. , Posokhov, E.A., Shershukov, V.M., Mitina, V.G., Ponomarev, O.A.	Spectral and luminescence properties of derivatives of 2-aryl[9,10]phenanthroazole (1995) Chemistry of Heterocyclic Compounds, 31 (4), pp. 492-499.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249761257&doi=10.1007%2BF01177024&partnerID=40&md5=9b99a8281a3a96edb433d1c43d4216e9
	Ponomarev, O.A., Borovkov, A.V., Doroshenko, A.O. , Baumer, V.N., Mitina, V.G., Surov, Yu.N., Pivnenko, N.S.	Structure and basicity of 1,2,5-triphenyltriazole-1,3,4 derivatives (1994) Molecular Engineering, 3 (4), pp. 343-352.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0004560954&doi=10.1007%2BF01003758&partnerID=40&md5=353a7ddd7f449e1681a7097003dc0948
	Doroshenko, A.O. , Patsenker, L.D., Baumer, V.N., Chepeleva, L.V., Van'kevich, A.V., Kirichenko, A.V., Yarmolenko, S.N., Scherschukov, V.M., Mitina, V.G., Ponomarev, O.A.	Structure of sterically hindered aryl derivatives of five-membered nitrogen containing heterocyclic ortho-analogs of POPOP (1994) Molecular Engineering, 3 (4), pp. 353-363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000640025&doi=10.1007%2BF01003759&partnerID=40&md5=669cc80f88df7fe3ff4a727eb549ac09
	Borovkov, A.V., Brusil'tsev, Yu.N., Doroshenko, A.O.	Spectral-luminescent properties of oxazole derivatives with annelated aromatic and heterocyclic rings in neutral and acid media (1993) Theoretical and Experimental Chemistry, 28 (4), pp. 269-273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250083495&doi=10.1007%2BF00530287&partnerID=40&md5=fd3e3d3fd02b9430c31864bb52a0a29cf
	Ponomarev, O.A., Vasina, E.R., Doroshenko, A.O. , Mitina, V.G.	Mechanism of acid-base interaction of 7-hydroxy derivatives of coumarin and carbostyryl (1992) Soviet journal of chemical physics, 9 (6), pp. 1411-1415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026963862&partnerID=40&md5=43cd8b7bbb644e37aa8c7740de4dbf25
	Doroshenko, A.O. , Ponomarev, O.A., Mitina, V.G., Ivanov, V.V.	Luminescence-spectral characteristics of nitro derivatives of 1(2H)-isoquinoline (1989) Theoretical and Experimental Chemistry, 24 (5), pp. 581-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250096047&doi=10.1007%2BF00534426&partnerID=40&md5=f61fa389bc1e15c6be0efab1cbf284c4
	Doroshenko, A.O. , Ponomarev, O.A., Mitina, V.G.	Theoretical approach to the problem of finding effective luminophors in the isocarbstyryl series (1989) Theoretical and Experimental Chemistry, 24 (4), pp. 460-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250089125&doi=10.1007%2BF00535122&partnerID=40&md5=fd7200768c866151b5ff98a41296ce14
	Mitina, V.G., Doroshenko, A.O. , Sukhorukov, A.A., Lavrushin, V.F.	Interpretation of the electronic absorption spectra of anthracene analogs of chalcone (1984) Theoretical and Experimental Chemistry, 20 (2), pp. 141-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250112960&doi=10.1007%2BF00592798&partnerID=40&md5=5b052eacb7d06cd0ebaab70317d50bf
11	Chernogor, L.F. , Liashchuk, O.I.	Parameters of infrasonic waves generated by the Chelyabinsk meteoroid on February 15, 2013 (2017) Kinematics and Physics of Celestial Bodies, 33 (2), pp. 79-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018782830&doi=10.3103%2FIS0884591317020027&partnerID=40&md5=3b82ce4ba85b364f0261f6aa7a9eb36b
	Chernogor, L.F.	Telluric currents have no significant effect on the Earth's core seismicity (2017) Geomagnetism and Aeronomy, 57 (1), pp. 119-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013633146&doi=10.1134%2FIS0016793216060074&partnerID=40&md5=7c8e8e5544ccaa363fe62c29206dc0af
	Chernogor, L.F. , Garmash, K.P.	Magneto-ionospheric effects of the solar eclipse of March 20, 2015, over Kharkov (2017) Geomagnetism and Aeronomy, 57 (1), pp. 72-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013625302&doi=10.1134%2FIS0016793216060062&partnerID=40&md5=05edd85150f99d4763fe1a136aa62b76
	Chernogor, L.F. , Lazorenko, O.V.	Gravitational waves as the unique ultra-wideband process (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724148, pp. 47-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000658984&doi=10.1109%2FIS0016793216060042&partnerID=40&md5=662fd6a47b9ba2e0a84a6e10e345c4b6
	Chernogor, L.F. , Lazorenko, O.V.	System spectral analysis of the ultra-wideband acoustic signal caused by the Chelyabinsk meteoroid (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724157, pp. 85-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000658063&doi=10.1109%2FIS0016793216060042&partnerID=40&md5=407b4092878fb42c5f0e50aa1fd7ef97
	Chernogor, L.F. , Lazorenko, O.V., Onishchenko, A.A.	New models of the fractal ultra-wideband signals (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724158, pp. 89-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000443556&doi=10.1109%2FIS0016793216060042&partnerID=40&md5=18090c398f9d13aa3067e54c8d77dc63
	Chernogor, L.F.	Atmosphere-ionosphere response to solar eclipse over Kharkiv on March 20, 2015 (2016) Geomagnetism and Aeronomy, 56 (5), pp. 592-603.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991636691&doi=10.1134%2FIS0016793216050030&partnerID=40&md5=6492fe52260914ea4bf39817bc962aeb
	Chernogor, L.F.	Wave processes in the ionosphere over Europe that accompanied the solar eclipse of March 20, 2015 (2016) Kinematics and Physics of Celestial Bodies, 32 (4), pp. 196-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983616771&doi=10.3103%2FIS0884591316040024&partnerID=40&md5=2a182d54905d241218feb0cf58ee4b4
	Kotov, D.V., Richards, P.G., Bogomaz, O.V., Chernogor, L.F. , Truhlik, V., Emelyanov, L.Y., Chepurnyy, Y.M., Domin, I.F.	The importance of neutral hydrogen for the maintenance of the midlatitude winter nighttime ionosphere: Evidence from IS observations at Kharkiv, Ukraine, and field line interhemispheric plasma model simulations (2016) Journal of Geophysical Research A: Space Physics, 121 (7), pp. 7013-7025.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990234373&doi=10.1002%2FJ0161A022442&partnerID=40&md5=a26e2e84c506d2d90395452be17e8939
	Chernogor, L.F.	Physical effects associated with passage and burst of the Chelyabinsk meteoroid (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (15), pp. 1409-1416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015312597&doi=10.1615%2FIS0016793216050030&partnerID=40&md5=a0e2b5dd57ecfe06a60b2e828804f1f

	Kotov, D.V., Truhlik, V., Richards, P.G., Stankov, S., Bogomaz, O.V., Chernogor, L.F. , Dominin, I.F.	Night-time light ion transition height behaviour over the Kharkiv (50°N, 36°E) IS radar during the equinoxes of 2006-2010 (2015) Journal of Atmospheric and Solar-Terrestrial Physics, 132, pp. 1-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931269826&doi=10.1016%2fj.jastp.2015.06.004&partnerID=40&md5=40865b59f85b44ce2cdda5fc82d966e
	Chernogor, L.F. , Panasenko, S.V., Frolov, V.L., Dominin, I.F.	Observations of the ionospheric wave disturbances using the Kharkov incoherent scatter radar upon RF heating of the near-earth plasma (2015) Radiophysics and Quantum Electronics, 58 (2), art. no. A001, pp. 79-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943355437&doi=10.1007%2f11141-015-9583-4&partnerID=40&md5=524e0cab259c959034b80580ee6fb3bc
	Chernogor, L.F.	Ionospheric effects of the Chelyabinsk meteoroid (2015) Geomagnetism and Aeronomy, 55 (3), pp. 353-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938081834&doi=10.1134%2fS0016793215030044&partnerID=40&md5=2153c7971d4355537a6937474d9781
	Chernogor, L.F. , Kravchenko, S.G., Lazorenko, O.V.	System spectral analysis of the fractal ultra-wideband signals (2015) Problems of Atomic Science and Technology, 98 (4), pp. 244-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941120396&partnerID=40&md5=79d798236d845e711332dc8ee126a861
	Chernogor, L.F. , Lazorenko, O.V., Onishchenko, A.A.	Fractal analysis of the fractal ultra-wideband signals (2015) Problems of Atomic Science and Technology, 98 (4), pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941092125&partnerID=40&md5=6b2597acb25ea482a4acfb6f1aeca8c8
	Chernogor, L.F.	Mechanisms of generating infrasound oscillations in the upper atmosphere by periodic powerful radio emissions (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (4), pp. 329-352.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900617880&doi=10.1615%2fTelecomRadEng.v73.i4.40&partnerID=40&md5=c22a79afe524bba95aa121087522737
	Chernogor, L.F.	Large-scale disturbances in the earth's magnetic field associated with the chelyabinsk meteorite event (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (12), pp. 1105-1115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940233826&doi=10.1615%2fTelecomRadEng.v73.i12.60&partnerID=40&md5=7c10a15cfce6cfc415eeed153b86a64b
	Chernogor, L.F.	Geomagnetic field effects of the Chelyabinsk meteoroid (2014) Geomagnetism and Aeronomy, 54 (5), pp. 613-624.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908058317&doi=10.1134%2fS001679321405003X&partnerID=40&md5=0983c5e0c4affe8bc26ca97707db251c
	Chernogor, L.F. , Frolov, V.L.	Geomagnetic Pulsation Amplitude and Spectrum Variations Accompanying the Ionospheric Heating by High-Power Radio waves from the Sura Facility (2014) Radiophysics and Quantum Electronics, 57 (5), pp. 340-359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925481620&doi=10.1007%2f11141-014-9518-5&partnerID=40&md5=64c330378fd0d55626e84a70fe3af7dd
	Chernogor, L.F. , Barabash, V.V.	Ionosphere disturbances accompanying the flight of the Chelyabinsk body (2014) Kinematics and Physics of Celestial Bodies, 30 (3), pp. 126-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903848588&doi=10.3103%2fS0884591314030039&partnerID=40&md5=3a3cd33c206c518affa2781d4a13ac7
	Dominin, I.F., Emelyanov, L.Y., Lyashenko, M.V., Chernogor, L.F.	Partial solar eclipse of January 4, 2011 above Kharkiv: Observation and simulations results (2014) Geomagnetism and Aeronomy, 54 (5), pp. 583-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908074894&doi=10.1134%2fS0016793214040112&partnerID=40&md5=007ec132b118de9f25167e06a651cd97
	Chernogor, L.F. , Frolov, V.L., Barabash, V.V.	Aperiodic large-scale disturbances in the lower ionosphere. Ionosonde observation results (2014) Radiophysics and Quantum Electronics, 57 (2), pp. 100-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906785306&doi=10.1007%2f11141-014-9496-7&partnerID=40&md5=5ce1e4c877e8026b27bd11128aa45197
	Chernogor, L.F.	Radar detection of mini-asteroids (2013) Radioelectronics and Communications Systems, 56 (11), pp. 544-551.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891445313&doi=10.3103%2fS073527271311006X&partnerID=40&md5=768f1e8e47d9bc777f93b164c634498d
	Chernogor, L.F.	Geomagnetic effect of launches and flights of large spacecraft (2013) Cosmic Research, 51 (6), pp. 413-426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888408754&doi=10.1134%2fS0010952513050031&partnerID=40&md5=8acc91a197e0b72b6a11fc2a6d85bc
	Chernogor, L.F. , Frolov, V.L.	Features of the wave disturbances in the ionosphere during periodic heating of the plasma by the "sura" radiation (2013) Radiophysics and Quantum Electronics, 56 (5), pp. 276-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890126699&doi=10.1007%2f11141-013-9432-2&partnerID=40&md5=e614a1ac5046690c0baa33eb550822b
	Chernogor, L.F. , Frolov, V.L.	Features of propagation of the acoustic-gravity waves generated by high-power periodic radiation (2013) Radiophysics and Quantum Electronics, 56 (4), pp. 197-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890115657&doi=10.1007%2f11141-013-9426-0&partnerID=40&md5=3c4363b7d2a00abae7a39e39c375f74b
	Chernogor, L.F. , Rozumenko, V.T.	The physical effects associated with Chelyabinsk meteorite's passage (2013) Problems of Atomic Science and Technology, (4), pp. 136-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881572270&partnerID=40&md5=210e21bdb06e0c336a02ed2900d5a352
	Burmaka, V.P., Chernogor, L.F.	Solar eclipse of August 1, 2008, above Kharkov: 2. Observation results of wave disturbances in the ionosphere (2013) Geomagnetism and Aeronomy, 53 (4), pp. 479-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880155817&doi=10.1134%2fS001679321304004X&partnerID=40&md5=0946deb205b09538cb61923417d26a74
	Lyashenko, M.V., Chernogor, L.F.	Solar eclipse of August 1, 2008, over Kharkov: 3. calculation results and discussion (2013) Geomagnetism and Aeronomy, 53 (3), pp. 367-376.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878774729&doi=10.1134%2fS0016793213020096&partnerID=40&md5=a24d0b8220f6d51385fbd6419e27687
	Chernogor, L.F.	Physical processes in the middle ionosphere accompanying the solar eclipse of January 4, 2011, in Kharkov (2013) Geomagnetism and Aeronomy, 53 (1), pp. 19-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873496212&doi=10.1134%2fS0016793213010052&partnerID=40&md5=b103c7095c38f3bf0137ed71b0ff1ce
	Dominin, I.F., Yemelyanov, L.Y., Kotov, D.V., Lyashenko, M.V., Chernogor, L.F.	Solar eclipse of August 1, 2008, above Kharkov: 1. Results of incoherent scatter observations (2013) Geomagnetism and Aeronomy, 53 (1), pp. 113-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873496581&doi=10.1134%2fS0016793213010076&partnerID=40&md5=5fe7079ed495ccf14f726933a5a60627e
	Chernogor, L.F. , Lazorenko, O.V.	System spectral analysis of model ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379794, pp. 243-245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872248778&doi=10.1109%2fUWBUSIS.2012.6379794&partnerID=40&md5=6a25f1b4597946c5ba983954dc0b368
	Chernogor, L.F. , Lazorenko, O.V.	The modeling of ultra-wideband signals and processes (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379795, pp. 246-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872221768&doi=10.1109%2fUWBUSIS.2012.6379795&partnerID=40&md5=54d7d65af706c216ee2bd4e41748f62
	Chernogor, L.F. , Lazorenko, O.V.	Wigner analysis in problem of ultra-wideband signal detection with noise presents (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379808, pp. 288-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872233375&doi=10.1109%2fUWBUSIS.2012.6379808&partnerID=40&md5=b9127d942852dd495aa7ed215773337f
	Chernogor, L.F. , Lazorenko, O.V.	Radar equation for ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379724, pp. 34-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872222942&doi=10.1109%2fUWBUSIS.2012.6379724&partnerID=40&md5=4af60fb063b3eb0f541c1c679c69f4a
	Chernogor, L.F. , Lazorenko, O.V., Potapov, A.A.	Wavelet analysis of model fractal ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379809, pp. 291-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872239787&doi=10.1109%2fUWBUSIS.2012.6379809&partnerID=40&md5=e7999875f55076845ee776110454291
	Chernogor, L.F. , Lazorenko, O.V., Potapov, A.A.	Wavelet analysis of multi-fractal ultra-wideband processes in problems of geospace physics (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379796, pp. 249-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872252388&doi=10.1109%2fUWBUSIS.2012.6379796&partnerID=40&md5=ffbdd73c9c35e15b129747e4c2bb90b7
	Chernogor, L.F.	Effects of solar eclipses in the ionosphere: Results of Doppler sounding: 1. Experimental data (2012) Geomagnetism and Aeronomy, 52 (6), pp. 768-778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869797746&doi=10.1134%2fS0016793212050039&partnerID=40&md5=968a9452e490c4267ba495ce049591c
	Chernogor, L.F.	Effects of solar eclipses in the ionosphere: Doppler sounding results: 2. Spectral analysis (2012) Geomagnetism and Aeronomy, 52 (6), pp. 779-792.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869748077&doi=10.1134%2fS0016793212050040&partnerID=40&md5=faec11cc86fb07c93f2108c6fe886023
	Chernogor, L.F. , Frolov, V.L., Pushin, V.F.	Infrasound oscillations in the ionosphere affected by high-power radio waves (2012) Radiophysics and Quantum Electronics, 55 (5), pp. 296-308.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874497573&doi=10.1007%2f11141-012-9369-x&partnerID=40&md5=d74d191208b84b1f220c778f2bf6c5b5

	Domnin, I.F., Panasenکو, S.V., Uryadov, V.P., Chernogor, L.F.	Results of radiophysical studies of the wave processes in the ionospheric plasma during its heating by high-power radio emission of the sura facility (2012) Radiophysics and Quantum Electronics, 55 (4), pp. 253-265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869035245&doi=10.1007%2F11141-012-9364-2&partnerID=40&md5=aa2c62a4341ecb8c96593519bd6b741
	Chernogor, L.F. , Domnin, I.F., Panasenکو, S.V., Uryadov, V.P.	Aperiodic large-scale disturbances in the ionospheric e region stimulated by high-power hf heating (2012) Radiophysics and Quantum Electronics, 55 (3), pp. 156-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865725215&doi=10.1007%2F11141-012-9356-2&partnerID=40&md5=429936b93634cfdcf6b8c176ab0e238c
	Chernogor, L.F. , Frolov, V.L.	Traveling ionospheric disturbances generated due to periodic plasma heating by high-power high-frequency radiation (2012) Radiophysics and Quantum Electronics, 55 (1-2), pp. 13-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865166984&doi=10.1007%2F11141-012-9346-4&partnerID=40&md5=76ea5b7431ce3751f03d8dfa22c0a283
	Burmaka, V.P., Chernogor, L.F.	Wave disturbances in the ionosphere during a lasting solar activity minimum (2012) Geomagnetism and Aeronomy, 52 (2), pp. 183-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859335020&doi=10.1134%2F1001679321202003X&partnerID=40&md5=8ffa27e66521f771eca15228d602d52
	Panasenko, S.V., Potapov, A.A., Chernogor, L.F.	Results of applying the algorithms based on the theory of optimal detection and optimal estimation to analysis of the envelope soliton (2012) Journal of Communications Technology and Electronics, 57 (3), pp. 301-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859230154&doi=10.1134%2F1064226912030163&partnerID=40&md5=ffc008786e032a4e2eba060670f2419f
	Chernogor, L.F.	Magneto-ionospheric effects of active experiments conducted on February 18, 2004 (2011) Cosmic Research, 49 (4), pp. 292-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961148714&doi=10.1134%2F1001095251103004X&partnerID=40&md5=6faeb9aa8cb083bcf4133a98a50f46f
	Chernogor, L.F. , Frolov, V.L., Komrakov, G.P., Pushin, V.F.	Variations in the ionospheric wave perturbation spectrum during periodic heating of the plasma by high-power high-frequency radio waves (2011) Radiophysics and Quantum Electronics, 54 (2), pp. 75-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052674032&doi=10.1007%2F11141-011-9272-x&partnerID=40&md5=d38114114c2921316650b78de6bac6e2
	Chernogor, L.F.	The earth-atmosphere-geospace system: Main properties and processes (2011) International Journal of Remote Sensing, 32 (11), pp. 3199-3218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960052551&doi=10.1080%2F01431161.2010.541510&partnerID=40&md5=2dd5ff084ad90d1b40e66184b8f5e65f
	Chernogor, L.F. , Grigorenکو, Y.I., Lyashenko, M.V.	Effects in geospace during partial solar eclipses over Kharkiv (2011) International Journal of Remote Sensing, 32 (11), pp. 3219-3229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960047098&doi=10.1080%2F01431161.2010.541509&partnerID=40&md5=804c5e747e2e0b84e29555ca0647c115
	Chernogor, L.F. , Vertogradov, G.G., Uryadov, V.P., Vertogradova, E.G., Shamota, M.A.	Consistent quasi-periodic variations of the geomagnetic pulsation level and doppler frequency shift of decametric radio waves aspect-scattered by artificial field-aligned ionospheric irregularities (2011) Radiophysics and Quantum Electronics, 53 (12), pp. 688-705.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960064143&doi=10.1007%2F11141-011-9262-z&partnerID=40&md5=30e766a56d296542192fc5068c74b1f9
	Chernogor, L.F.	Oscillations of the geomagnetic field caused by the flight of Vitim bolide on September 24, 2002 (2011) Geomagnetism and Aeronomy, 51 (1), pp. 116-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951972826&doi=10.1134%2F10016793211010038&partnerID=40&md5=ad7925c7fe726b2964c7c258d724c625
	Chernogor, L.F.	Dynamic processes in the near-ground atmosphere during the solar eclipse of August 1, 2008 (2011) Izvestiya - Atmospheric and Ocean Physics, 47 (1), pp. 77-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952552507&doi=10.1134%2F1000143381101004X&partnerID=40&md5=c8ca4c1333bc8803d98041a8ad6dde9e
	Gulyaev, Yu.V., Panasenکو, S.V., Potapov, A.A., Chernogor, L.F.	Optimal detection and optimal estimation of parameters of the envelope soliton (2011) Doklady Physics, 56 (2), pp. 73-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952654930&doi=10.1134%2F10283581102008X&partnerID=40&md5=3a81feb223d7c8a61c2618692138738
	Chernogor, L.F. , Lazorenکو, O.V.	Ultrawideband signals and processes (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609111, pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650117908&doi=10.1109%2F1001679321001011&partnerID=40&md5=23acde97d1371ea45212372952292ec4
	Chernogor, L.F.	[The ways in which variations in space and atmospheric factors act upon the biosphere and humans]. (2010) Fiziolohichnyi zhurnal (Kiev, Ukraine : 1994), 56 (3), pp. 25-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958197975&partnerID=40&md5=e1a816bcd3870178893c3d501066763c
	Akimov, A.L., Chernogor, L.F.	Effects of the solar eclipse of August 1, 2008, on the earth's lower atmosphere (2010) Kinematics and Physics of Celestial Bodies, 26 (3), pp. 135-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954254497&doi=10.3103%2F10884591310030050&partnerID=40&md5=06bb7d7f201476049f84d0924ec001cd
	Chernogor, L.F. , Vertogradov, G.G., Uryadov, V.P., Vertogradova, E.G., Shamota, M.A.	Consistent quasi-periodic variations of the geomagnetic pulsation level and doppler frequency shift of decametric radio waves aspect-scattered by artificial field-aligned ionospheric irregularities (2010) Radiophysics and Quantum Electronics, 52 (12), pp. 688-705.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052706876&partnerID=40&md5=7d020459084e4d91fe63d395fa042971
	Chernogor, L.F.	Variations in the amplitude and phase of VLF radiowaves in the ionosphere during the August 1, 2008, solar eclipse (2010) Geomagnetism and Aeronomy, 50 (1), pp. 96-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649198687&doi=10.1134%2F10016793210010111&partnerID=40&md5=b938e077d6eeadc40bb530277084eb56
	Garmash, K.P., Gritchin, A.I., Martynenko, S.I., Podnos, V.A., Rozumenکو, V.T., Tymov, O.F., Fedorenکو, V.N., Fedorenکو, Yu.P., Tsybal, A.M., Chernogor, L.F.	Space research in Kharkiv radiophysical observatory of V. N. Karazin National University (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5292824, pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949092693&partnerID=40&md5=182ef2b77d5e3339e4c54fa2836a1c8d
	Burmaka, V.P., Domnin, I.F., Uryadov, V.P., Chernogor, L.F.	Variations in the parameters of scattered signals and the ionosphere connected with plasma modification by high-power radio waves (2009) Radiophysics and Quantum Electronics, 52 (11), pp. 774-795.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952419828&doi=10.1007%2F11141-010-9191-2&partnerID=40&md5=418a1c7cab236c73a0b09c13880f7499
	Burmaka, V.P., Chernogor, L.F.	Complex diagnostics of disturbances in the ionospheric plasma parameters far from the trajectories of launched rockets (2009) Geomagnetism and Aeronomy, 49 (5), pp. 637-652.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350008281&doi=10.1134%2F10016793209050119&partnerID=40&md5=a43057bfe6fea05aa719fcd73c0de827
	Chernogor, L.F.	Geomagnetic field fluctuations near Kharkov, which accompanied rocket launches from the Baikonur site (2009) Geomagnetism and Aeronomy, 49 (3), pp. 384-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649649583&doi=10.1134%2F1001679320903013X&partnerID=40&md5=0e1a95991bedc6ada4302411f0a1dd2a
	Chernogor, L.F. , Lazorenکو, O.V.	System spectral analysis of the ultrawideband signals (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669353, pp. 45-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649221593&doi=10.1109%2F1001679320903013X&partnerID=40&md5=f6c7a02cddac4149b11750827ecfc1de
	Chernogor, L.F. , Shamota, M.A.	Modern spectral analysis of the UWB magnitometric signals (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669374, pp. 108-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649155221&doi=10.1109%2F1001679320903013X&partnerID=40&md5=99de6d369e27ea2ba3ca28e34ec47dcf
	Chernogor, L.F. , Lazorenکو, O.V., Vishnivetskiy, O.V.	Choi-williams analysis of the non-linear ultrawideband signals (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669420, pp. 235-237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649221154&doi=10.1109%2F1001679320903013X&partnerID=40&md5=90b84198586e73fa763190bea3823dc6
	Chernogor, L.F. , Lazorenکو, O.V., Lazorenکو, S.V.	Wavelet analysis of the ultrawideband signals (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669412, pp. 210-212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649219465&doi=10.1109%2F1001679320903013X&partnerID=40&md5=eeff39542f53afd68ad1ecd38346ed5d
	Chernogor, L.F.	Advanced methods of spectral analysis of quasiperiodic wave-like processes in the ionosphere: Specific features and experimental results (2008) Geomagnetism and Aeronomy, 48 (5), pp. 652-673.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53549110016&doi=10.1134%2F10016793208050101&partnerID=40&md5=9acff69ef88cb254651fa3614dcab942
	Chernogor, L.F.	Effects of solar eclipses in the surface atmosphere (2008) Izvestiya - Atmospheric and Ocean Physics, 44 (4), pp. 432-447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51649110694&doi=10.1134%2F1000143380804004X&partnerID=40&md5=7b41bd8528f8f33d8a2cd93e30a8197d
	Chernogor, L.F. , Lazorenکو, O.V.	System spectral analysis of the signals (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425158, pp. 205-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849112972&doi=10.1109%2F1001679320903013X&partnerID=40&md5=93b0b99acff81079abf750e1cd62a68a6
	Chernogor, L.F. , Lazorenکو, O.V., Vishnivezky, O.V.	System spectral analysis of the non-linear ultrawideband signals (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294881, pp. 980-982.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249089116&doi=10.1109%2F1001679320903013X&partnerID=40&md5=6de8e83941c9ddff304b8a51b017071085

	Chernogor, L.F., Lazorenko, O.V., Lazorenko, S.V.	Wavelet analysis of the signals with peculiarities (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294871, pp. 950-952.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249098549&doi=10.1109%2FMSMW.2007.4294871&partnerID=40&md5=17c328f821944cc11034cf8465ed5
	Chernogor, L.F., Kravchenko, V.F., Lazorenko, O.V.	Analytical Kravchenko-Rvachev wavelets based on the atomic functions (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294882, pp. 983-985.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249137819&doi=10.1109%2FMSMW.2007.4294882&partnerID=40&md5=31888db6fc3e1dd7588205998dc7118
	Chernogor, L.F., Lazorenko, O.V., Lazorenko, S.V., Vishnivetsky, O.V.	Digital analysis of the non-linear ultra wideband processes (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425178, pp. 262-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849091677&doi=10.1109%2FICATT.2007.4425178&partnerID=40&md5=1b7f4c08336086e74e17f81d9d65f2e6
	Kravchenko, V.F., Lazorenko, O.V., Pustovoi, V.I., Chernogor, L.F.	Choi-Williams transform and atomic functions in digital signal processing (2007) Doklady Physics, 52 (4), pp. 207-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248230378&doi=10.1134%2F102833580704009X&partnerID=40&md5=754431a952b2566af3c8b5dfabd00eb
	Kravchenko, V.F., Lazorenko, O.V., Pustovoi, V.I., Chernogor, L.F.	A new class of fractal ultra-wideband signals (2007) Doklady Physics, 52 (3), pp. 129-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147136571&doi=10.1134%2F1028335807030019&partnerID=40&md5=b66a458e34aef212ba745994829b1fe7
	Kravchenko, V.F., Lazorenko, O.V., Pustovoi, V.I., Chernogor, L.F.	Wavelet analysis of the behavior of solitons in exchange and overtaking interactions (2007) Doklady Physics, 52 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846864657&doi=10.1134%2F1028335807010016&partnerID=40&md5=fc7b36d62bd41a403387f313d4e105a3
	Chernogor, L.F., Lazorenko, O.V., Vishnivezky, O.V.	Ultrawideband signals and Wigner transform (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099293, pp. 297-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249101408&doi=10.1109%2FUWBUS.2006.307235&partnerID=40&md5=e215d5b5be05903b65751c4803ac2a3
	Chernogor, L.F., Kravchenko, V.F., Lazorenko, O.V.	Ultrawideband signals: Theory, simulation and digital processing (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099212, pp. 32-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249090765&doi=10.1109%2FUWBUS.2006.307154&partnerID=40&md5=f5c31f5944e3412bf3ec9743fb9342e07
	Chernogor, L.F., Kravchenko, V.F., Lazorenko, O.V., Lazorenko, S.V.	Application of wavelets and atomic functions for analysis of the ultrawideband signals (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099308, pp. 341-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249099025&doi=10.1109%2FUWBUS.2006.307250&partnerID=40&md5=941299e4412bb664c3382f36ede99bc3
	Kravchenko, V.F., Lazorenko, O.V., Pustovoi, V.I., Chernogor, L.F.	Study of the structure of solutions to nonlinear wave equations based on continuous wavelet analysis (2006) Doklady Mathematics, 74 (2), pp. 767-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750536836&doi=10.1134%2F1064562406050383&partnerID=40&md5=f0b278d55247d2869b3c0d76ce9723
	Kravchenko, V.F., Lazorenko, O.V., Pustovoi, V.I., Chernogor, L.F.	Wigner transformation in digital processing of signals (2006) Doklady Physics, 51 (9), pp. 461-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749019341&doi=10.1134%2F1028335806090023&partnerID=40&md5=867e16408d29324c876ca121f08a1868
	Burmaka, V.P., Taran, V.I., Chernogor, L.F.	Wave-like processes in the ionosphere under quiet and disturbed conditions. 1. Kharkov incoherent scatter radar observations (2006) Geomagnetism and Aeronomy, 46 (2), pp. 183-198.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751019445&doi=10.1134%2F0016793206020071&partnerID=40&md5=01ff4fdbb3a665d12f9fa1aa48934ab7
	Lazorenko, O.V., Panusenko, S.V., Chernogor, L.F.	The adaptive Fourier transform (2005) Elektromagnitnye Volny i Elektronnyye Sistemy, 10 (10), pp. 39-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3324457487&partnerID=40&md5=7d26f1256360e2870b705605ff742c19
	Chernogor, L.F., Lazorenko, O.V.	Fractal ultra-wideband signals (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 118-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644370884&partnerID=40&md5=ddfce4530d7d641f76de54ffb5d00d48
	Burmaka, V.P., Kostrov, L.S., Chernogor, L.F.	Statistics of signals of the HF Doppler radar sensing the bottomside ionosphere disturbed by rocket launches and solar terminator (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 150-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958549704&doi=10.1615%2FTelecomRadEng.v61.i2.70&partnerID=40&md5=a13aaf511f78499ceda1877414fa12a2
	Garmash, K.P., Leus, S.G., Pazura, S.A., Pokhil'ko, S.N., Chernogor, L.F.	Statistical characteristics of terrestrial electromagnetic field fluctuations (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 183-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958527574&doi=10.1615%2FTelecomRadEng.v61.i3.10&partnerID=40&md5=c62189e8cf5f4e86317f3b7048be8d7
	Burmaka, V.P., Taran, V.I., Chernogor, L.F.	Ionospheric wave disturbances accompanied by rocket launches against a background of natural transient processes (2004) Geomagnetism and Aeronomy, 44 (4), pp. 476-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4444262950&partnerID=40&md5=099ab74995bc10403f9bd8811fff2195
	Chernogor, L.F., Lazorenko, O.V.	Application of the wavelet analysis for detecting ultra-wideband signals in noise (2000) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 1, art. no. 888567, pp. 233-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951087122&doi=10.1109%2FMMET.2000.888567&partnerID=40&md5=a208124e78e35a2d042ab8c80d7d30ba
	Chernogor, Leonid F., Lazorenko, Oleg V.	Radar equation for remote radio sounding of distributed targets with ultra-wideband radio signals (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 457-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230470&partnerID=40&md5=0594bafba0a1436e4c79ef2116a7d0df
	Chernogor, L.F., Garmash, K.P., Rozumenko, V.T.	Regularization algorithms for inverse problems in the radio wave probing of the ionospheric plasma (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 154-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032231042&partnerID=40&md5=9c5faa149f363c47355d44d88e7df73f
	Lazorenko, O.V., Chernogor, L.F.	Special features of distributed targets radar equation when employing superwide-band signals (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (4), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031294438&partnerID=40&md5=4428209760db10f217f9e894a1644ab1
	Lazorenko, O.V., Chernogor, L.F.	Dispersive distortions of high-frequency, super wide-band radio signals in the interplanetary plasma (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (5), pp. 19-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044473438&partnerID=40&md5=45b602ed91397e1b8dcfe0225024ddbf
	Chernogor, Leonid F., Lazorenko, Oleg V.	Dispersive distortion of high-frequency ultrawideband signals propagating in near-to-earth space (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2248-2251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029726969&partnerID=40&md5=eb6a7fe020d55cd1ee9ccd1c6cbd03b
	Chernogor, Leonid F., Garmash, Konstantin P.	Phenomenon of arising stimulated localized and large-scale disturbances in the ionosphere under the influence of powerful MF and HF radio waves (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2240-2243.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029746138&partnerID=40&md5=8107fc6c882a5e4ae247eee6bbf6a2fa0
	Chernogor, Leonid F., Garmash, Konstantin P., Leus, Stanislav G., Pokhil'ko, Sergey N.	Investigations of variations in VLF, LF, MF, HF radio wave and noise characteristics due to disturbances in the ionosphere (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2244-2247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029748254&partnerID=40&md5=97f0748c733de685ec121a83eaae0e85
	Chernogor, L.F.	Disturbance of the inhomogeneous structure in the lower ionosphere as a result of powerful radio emission (1985) Radiophysics and Quantum Electronics, 28 (1), pp. 12-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021974187&doi=10.1007%2FBF01037452&partnerID=40&md5=c37be098cea74f9069814c425ae0fe51
	Martynenko, S.I., Chernogor, L.F.	PARAMETRIC PERTURBATIONS OF THE LOWER IONOSPHERE BY POWERFUL RADIO WAVES AND THEIR EFFECTS ON PARTIAL REFLECTIONS. (1984) Geophysical Journal, 5 (4), pp. 618-631.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021601674&partnerID=40&md5=9eec7b659a3d23bc3c4ee3426df55d29
	Chernogor, L.F.	POSSIBILITY OF GENERATING GEOMAGNETIC AND GEOELECTRIC PERTURBATIONS BY GROUND-BASED VHF AND UHF INSTALLATIONS. (1984) Geophysical Journal, 5 (5), pp. 709-715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021519856&partnerID=40&md5=f366b190fcc4363349825ec943ab828b

	Martynenko, S.I., Misyura, V.A., Piven', L.A., Simov, V.G., Chernogor, L.F. , Shemet, A.S.	Attenuation of high-frequency radio waves in the low ionosphere at high latitudes when the ionosphere is artificially perturbed by powerful radio emission (1983) Radiophysics and Quantum Electronics, 26 (1), pp. 1-4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020649806&doi=10.1007%2fBf01038766&partnerID=40&md5=5470f9d3736077915ae97b434d433ba6
	Chernogor, L.F.	Saturation of the artificial disturbance level in geomagnetic and geoelectrical fields. (1982) Geophysical Journal, 4 (2), pp. 303-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020218638&partnerID=40&md5=11eafa3030d81537abc9dfc2f46dd564
	Chernogor, L.F.	Perturbation of a plasma by strong electromagnetic waves (1975) Radiophysics and Quantum Electronics, 18 (6), pp. 625-633.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250384903&doi=10.1007%2fBf01036959&partnerID=40&md5=d47078f39610465556de585bdfda69b2
	Misyura, V.A., Svetlitchny, N.P., Chasovitin, Yu.K., Shluger, S.S., Bezrodnaya, L.V., Gerasimova, N.D., Piven, L.A., Chernogor, L.F.	Statistical characteristics and dynamics of ionospheric irregularities as investigated using satellite signal records and ground-based methods at middle and high latitudes (1974) Journal of Atmospheric and Terrestrial Physics, 36 (11), pp. 2037-2045.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49549156949&doi=10.1016%2f0021-9169%2874%2990191-3&partnerID=40&md5=aa136e02439f1fffd827eace0715352
12	Trusova, V.M., Deligeorgiev, T., Gorbenko, G.	Liposomal Co-Encapsulation of Two Novel Europium Complexes and Doxorubicin: Fluorescence Study (2017) Journal of Fluorescence, 27 (4), pp. 1359-1363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014786210&doi=10.1007%2f10895-017-2070-x&partnerID=40&md5=86bc73e3ad0371a5672159ffb22ad9a6
	Kurutos, A., Ryzhova, O., Tarabara, U., Trusova, V., Gorbenko, G. , Gadjev, N., Deligeorgiev, T.	Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic characterization in presence of biological molecules (2016) Journal of Photochemistry and Photobiology A: Chemistry, 328, pp. 87-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974678918&doi=10.1016%2fj.jphotochem.2016.05.019&partnerID=40&md5=33d5f3835494f28c1223524d8fc94496
	Kurutos, A., Ryzhova, O., Trusova, V., Tarabara, U., Gorbenko, G. , Gadjev, N., Deligeorgiev, T.	Novel asymmetric monomethine cyanine dyes derived from sulfofetaine benzoethiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA (2016) Dyes and Pigments, 130, pp. 122-128.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962255515&doi=10.1016%2fj.dyepig.2016.03.021&partnerID=40&md5=23b3d976104bb2be6a74216f6e5f7727
	Trusova, V.M., Gorbenko, G.P. , Deligeorgiev, T., Gadjev, N.	Probing protein-lipid interactions by FRET between membrane fluorophores (2016) Methods and Applications in Fluorescence, 4 (3), art. no. 034014, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016447765&doi=10.1088%2f2050-6120%2f4%2f3%2f034014&partnerID=40&md5=718fab50bcee45d527196f4db8b845d3
	Kurutos, A., Ryzhova, O., Trusova, V., Gorbenko, G. , Gadjev, N., Deligeorgiev, T.	Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzoethiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects (2016) Journal of Fluorescence, 26 (1), pp. 177-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953399644&doi=10.1007%2f10895-015-1700-4&partnerID=40&md5=6632150e141a81b9cd122c5686bec13a
	Gorbenko, G. , Trusova, V., Giryh, M., Adachi, E., Mizuguchi, C., Akaji, K., Saito, H.	FRET evidence for untwisting of amyloid fibrils on the surface of model membranes (2015) Soft Matter, 11 (31), pp. 6223-6234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938344159&doi=10.1039%2fc5sm00183h&partnerID=40&md5=c6184750543e7d880595536682d5d81a
	Vus, K., Trusova, V., Gorbenko, G. , Sood, R., Kinnunen, P.	Thioflavin T derivatives for the characterization of insulin and lysozyme amyloid fibrils in vitro: Fluorescence and quantum-chemical studies (2015) Journal of Luminescence, 159, pp. 284-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84916625318&doi=10.1016%2fj.jlumin.2014.10.042&partnerID=40&md5=c10ff4871eb777bc8dbb7916562b242b
	Gorbenko, G. , Trusova, V., Giryh, M., Adachi, E., Mizuguchi, C., Saito, H.	Interactions of lipid membranes with fibrillar protein aggregates (2015) Advances in Experimental Medicine and Biology, 855, pp. 135-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936754963&doi=10.1007%2f978-3-319-17344-3_6&partnerID=40&md5=d36e0ec192616b43ea33d767da1f4bb6
	Trusova, V., Gorbenko, G. , Giryh, M., Adachi, E., Mizuguchi, C., Sood, R., Kinnunen, P., Saito, H.	Membrane effects of N-terminal fragment of apolipoprotein A-I: A fluorescent probe study (2015) Journal of Fluorescence, 25 (2), pp. 253-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925462772&doi=10.1007%2f10895-015-1501-9&partnerID=40&md5=f06da27c9a2f8e76b362c8a8098c26cf8d3
	Trusova, V.M., Molotkovsky, J.G., Kinnunen, P.K.J., Gorbenko, G.P.	Structural aspects of cytochrome c-cardiolipin interactions: Förster resonance energy transfer study (2014) Cytochromes b and c: Biochemical Properties, Biological Functions and Electrochemical Analysis, pp. 173-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949500221&partnerID=40&md5=83a4f2c7d064e7e42b5f92d7c0216110
	Zhytniakivska, O., Trusova, V., Gorbenko, G. , Kirilova, E., Kalnina, I., Kirilov, G., Kinnunen, P.	Newly synthesized benzanthrone derivatives as prospective fluorescent membrane probes (2014) Journal of Luminescence, 146, pp. 307-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886992136&doi=10.1016%2fj.jlumin.2013.10.015&partnerID=40&md5=620fb2d6ddc8fba8109f3064311e55dc
	Zhytniakivska, O., Trusova, V., Gorbenko, G. , Kirilova, E., Kalnina, I., Kirilov, G., Molotkovsky, J., Tulkki, J., Kinnunen, P.	Location of novel benzanthrone dyes in model membranes as revealed by resonance energy transfer (2014) Journal of Fluorescence, 24 (3), pp. 899-907.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904061130&doi=10.1007%2f10895-014-1370-7&partnerID=40&md5=70efe46908a768d3b2149fa4cbb3a3e38
	Vus, K., Trusova, V., Gorbenko, G. , Sood, R., Kirilova, E., Kirilov, G., Kalnina, I., Kinnunen, P.	Fluorescence investigation of interactions between novel benzanthrone dyes and lysozyme amyloid fibrils (2014) Journal of Fluorescence, 24 (2), pp. 493-504.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899072552&doi=10.1007%2f10895-013-1318-3&partnerID=40&md5=60d26eb1df46d02c8a8098c26cf8d3
	Giryh, M., Gorbenko, G. , Trusova, V., Adachi, E., Mizuguchi, C., Nagao, K., Kawashima, H., Akaji, K., Lund-Katz, S., Phillips, M.C., Saito, H.	Interaction of Thioflavin T with amyloid fibrils of apolipoprotein A-I N-terminal fragment: Resonance energy transfer study (2014) Journal of Structural Biology, 185 (1), pp. 116-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890994330&doi=10.1016%2fj.jsb.2013.10.017&partnerID=40&md5=a640e1288b88354482eaf62b16a31e1
	Kutsenko, O.K., Trusova, V.M., Gorbenko, G.P. , Lipovaya, A.S., Slobozhanina, E.I., Lukyanenko, L.M., Deligeorgiev, T., Vasilev, A.	Fluorescence study of the membrane effects of aggregated lysozyme (2013) Journal of Fluorescence, 23 (6), pp. 1229-1237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886796701&doi=10.1007%2f10895-013-1254-2&partnerID=40&md5=87fb26aad0df940446b6570d570a95f9
	Trusova, V., Yuditsev, A., Limanskaya, L., Gorbenko, G. , Deligeorgiev, T.	Europium coordination complexes as potential anticancer drugs: Their partitioning and permeation into lipid bilayers as revealed by pyrene fluorescence quenching (2013) Journal of Fluorescence, 23 (1), pp. 193-202.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873188615&doi=10.1007%2f10895-012-1134-1&partnerID=40&md5=62fd00e7f92e3b9dad12bc7a9a78d809
	Gorbenko, G. , Trusova, V., Sood, R., Molotkovsky, J., Kinnunen, P.	The effect of lysozyme amyloid fibrils on cytochrome c-lipid interactions (2012) Chemistry and Physics of Lipids, 165 (7), pp. 769-776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868261934&doi=10.1016%2fj.chemphyslip.2012.10.001&partnerID=40&md5=3f19f051bfa380abcc2712cc7562cc1
	Trusova, V.M., Gorbenko, G.P.	Fluorescence study on aggregated lysozyme and lipid bilayer interactions (2012) Journal of Photochemistry and Photobiology B: Biology, 113, pp. 51-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862237493&doi=10.1016%2fj.jphotochem.2012.05.001&partnerID=40&md5=88a934dc41c81965ce2b227c84d295ab
	Trusova, V.M., Kirilova, E., Kalnina, I., Kirilov, G., Zhytniakivska, O.A., Fedorov, P.V., Gorbenko, G.P.	Novel benzanthrone aminoderivatives for membrane studies (2012) Journal of Fluorescence, 22 (3), pp. 953-959.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862196966&doi=10.1007%2f10895-011-1035-8&partnerID=40&md5=6d8099e8327f239aacc6dc6109a31025
	Vus, K., Trusova, V., Gorbenko, G. , Kirilova, E., Kirilov, G., Kalnina, I., Kinnunen, P.	Novel aminobenzanthrone dyes for amyloid fibril detection (2012) Chemical Physics Letters, 532, pp. 110-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859161792&doi=10.1016%2fj.cplett.2012.02.061&partnerID=40&md5=608a43b99fddb1d29060c1d83e427eb6
	Kastorna, A., Trusova, V., Gorbenko, G. , Kinnunen, P.	Membrane effects of lysozyme amyloid fibrils (2012) Chemistry and Physics of Lipids, 165 (3), pp. 331-337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858716890&doi=10.1016%2fj.chemphyslip.2012.02.002&partnerID=40&md5=b9494aa1b7e6cc29810ac89a1ea4a1c
	Gorbenko, G. , Trusova, V.	Protein aggregation in a membrane environment (2011) Advances in Protein Chemistry and Structural Biology, 84, pp. 113-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051875060&doi=10.1016%2fB978-0-12-386483-3.00002-1&partnerID=40&md5=5db2a2b4ca394c82fbc60c4a72cdc3cd5
	Kutsenko, O.K., Trusova, V.M., Gorbenko, G.P. , Deligeorgiev, T., Vasilev, A., Kalioianova, S., Lesev, N.	Fluorescence study of lipid bilayer interactions of Eu(III) coordination complexes (2011) Journal of Fluorescence, 21 (4), pp. 1689-1695.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053385132&doi=10.1007%2f10895-011-0861-z&partnerID=40&md5=f79fc79828aa2fb921820411f4baf69
	Gorbenko, G.P.	Fluorescence spectroscopy of protein oligomerization in membranes (2011) Journal of Fluorescence, 21 (3), pp. 945-951.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052576709&doi=10.1007%2f10895-010-0649-6&partnerID=40&md5=7736fd929b73b09917eebfc4d6bf5f40
	Gorbenko, G. , Trusova, V.	Effects of oligomeric lysozyme on structural state of model membranes (2011) Biophysical Chemistry, 154 (2-3), pp. 73-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952622421&doi=10.1016%2fj.bpc.2011.01.003&partnerID=40&md5=dee11789193694d90eda57a63b58b54
	Kaloyanova, S., Trusova, V.M., Gorbenko, G.P. , Deligeorgiev, T.	Synthesis and fluorescence characteristics of novel asymmetric cyanine dyes for DNA detection (2011) Journal of Photochemistry and Photobiology A: Chemistry, 217 (1), pp. 147-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650679091&doi=10.1016%2fj.jphotochem.2010.10.002&partnerID=40&md5=526bf218235bed3cef62719a8f057a0

Trusova, V.M., Gorbenko, G.P. , Sarkar, P., Luchowski, R., Akopova, I., Patsenker, L.D., Klochko, O., Tatarets, A.L., Kudriavtseva, Y.O., Terpetschnig, E.A., Gryczynski, I., Gryczynski, Z.	Förster resonance energy transfer evidence for lysozyme oligomerization in lipid environment (2010) Journal of Physical Chemistry B, 114 (50), pp. 16773-16782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650320093&doi=10.1021%2Fjp108976e&partnerID=40&md5=9fe58b7a1a0f7b9b812590e170ac69b
Trusova, V.M., Gorbenko, G.P. , Molotkovsky, J.G., Kinnunen, P.K.J.	Cytochrome c-Lipid Interactions: New Insights from Resonance Energy Transfer (2010) Biophysical Journal, 99 (6), pp. 1754-1763.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957337176&doi=10.1016%2Fbj.2010.06.017&partnerID=40&md5=4c921e8a1b869ccf4794dbfbc1fb616e
Trusova, V.M., Gorbenko, G.P. , Akopova, I., Molotkovsky, J.G., Gryczynski, I., Borejdo, J., Gryczynski, Z.	Morphological changes of supported lipid bilayers induced by lysozyme: Planar domain formation vs. multilayer stacking (2010) Colloids and Surfaces B: Biointerfaces, 80 (2), pp. 219-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955051857&doi=10.1016%2Fj.colsurfb.2010.06.011&partnerID=40&md5=bab366a3baa760ac824a4b7a6d21c795
Gorbenko, G. , Trusova, V., Kirilova, E., Kirilov, G., Kalnina, I., Vasilev, A., Kaloyanova, S., Deligeorgiev, T.	New fluorescent probes for detection and characterization of amyloid fibrils (2010) Chemical Physics Letters, 495 (4-6), pp. 275-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955427921&doi=10.1016%2Fj.cplett.2010.07.005&partnerID=40&md5=083aa54a3ee77d8cf6b8f4ba6eeed6a
Trusova, V.M., Gorbenko, G.P. , Deligeorgiev, T., Gadjev, N., Vasilev, A.	A novel squarylium dye for monitoring oxidative processes in lipid membranes (2009) Journal of Fluorescence, 19 (6), pp. 1017-1023.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72149094563&doi=10.1007%2F10895-009-0501-z&partnerID=40&md5=60a843e107f0b2b5e1284bae2a8230dc
Gorbenko, G.P. , Trusova, V.M., Molotkovsky, J.G., Kinnunen, P.K.J.	Cytochrome c induces lipid demixing in weakly charged phosphatidylcholine/phosphatidylglycerol model membranes as evidenced by resonance energy transfer (2009) Biochimica et Biophysica Acta - Biomembranes, 1788 (6), pp. 1358-1365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65549159947&doi=10.1016%2Fj.bbamem.2009.03.007&partnerID=40&md5=d8f74a9e4b123c64bd3201b4e3990254
Yudintsev, A., Trusova, V., Gorbenko, G. , Deligeorgiev, T., Vasilev, A., Gadjev, N.	Lipid bilayer interactions of Eu(III) tris- β -diketonato coordination complex (2008) Chemical Physics Letters, 457 (4-6), pp. 417-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43549092009&doi=10.1016%2Fj.cplett.2008.04.058&partnerID=40&md5=4db1ee16ebfea9fa2dbbf670ce3420ca
Gorbenko, G.P. , Ioffe, V.M., Molotkovsky, J.G., Kinnunen, P.K.J.	Resonance energy transfer study of lysozyme-lipid interactions (2008) Biochimica et Biophysica Acta - Biomembranes, 1778 (5), pp. 1213-1221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049094118&doi=10.1016%2Fj.bbamem.2007.09.027&partnerID=40&md5=266907b237cb6eeeb69c0b0dfb483ff
Trusova, V.M., Gorbenko, G.P.	Electrostatically-controlled protein adsorption onto lipid bilayer: Modeling adsorbate aggregation behavior (2008) Biophysical Chemistry, 133 (1-3), pp. 90-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38749127948&doi=10.1016%2Fj.bpc.2007.12.007&partnerID=40&md5=5dfe3d4fda54599166af1e6b443136ee
Gorbenko, G.P. , Ioffe, V.M., Kinnunen, P.K.J.	Binding of lysozyme to phospholipid bilayers: Evidence for protein aggregation upon membrane association (2007) Biophysical Journal, 93 (1), pp. 140-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34447291808&doi=10.1529%2Fbiophysj.106.102749&partnerID=40&md5=1e904c0ac1590fcc4aa073ac8b6c1379
Ioffe, V.M., Gorbenko, G.P. , Deligeorgiev, T., Gadjev, N., Vasilev, A.	Fluorescence study of protein-lipid complexes with a new symmetric squarylium probe (2007) Biophysical Chemistry, 128 (1), pp. 75-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247637186&doi=10.1016%2Fj.bpc.2007.03.007&partnerID=40&md5=3a242d8fc6ae2cc05ba073fa83a70067
Ioffe, V.M., Gorbenko, G.P. , Kinnunen, P.K.J., Tatarets, A.L., Kolosova, O.S., Patsenker, L.D., Terpetschnig, E.A.	Tracing lysozyme-lipid interactions with long-wavelength squaraine dyes (2007) Journal of Fluorescence, 17 (1), pp. 65-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845964749&doi=10.1007%2F10895-006-0142-4&partnerID=40&md5=d73858fe7ae3ade8f01412389c5a5cd
Ioffe, V.M., Gorbenko, G.P. , Tatarets, A.L., Patsenker, L.D., Terpetschnig, E.A.	Examining protein-lipid interactions in model systems with a new squarylium fluorescent dye (2006) Journal of Fluorescence, 16 (4), pp. 547-554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745923547&doi=10.1007%2F10895-006-0092-x&partnerID=40&md5=e78b2aaf28a9c7b2bd63c5b3f3146d8
Gorbenko, G.P. , Kinnunen, P.K.J.	The role of lipid-protein interactions in amyloid-type protein fibril formation (2006) Chemistry and Physics of Lipids, 141 (1-2), pp. 72-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646557678&doi=10.1016%2Fj.chemphyslip.2006.02.006&partnerID=40&md5=b25eb6f7b3742b6d732bc1d0b2e7bf1
Gorbenko, G.P. , Molotkovsky, J.G., Kinnunen, P.K.J.	Cytochrome c interaction with cardiolipin/phosphatidylcholine model membranes: Effect of cardiolipin protonation (2006) Biophysical Journal, 90 (11), pp. 4093-4103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33744942614&doi=10.1529%2Fbiophysj.105.080150&partnerID=40&md5=892ea22cc201484491a95390588e0e9
Ioffe, V.M., Gorbenko, G.P. , Domanov, Y.A., Tatarets, A.L., Patsenker, L.D., Terpetschnig, E.A., Dvubko, T.S.	A new fluorescent squaraine probe for the measurement of membrane polarity (2006) Journal of Fluorescence, 16 (1), pp. 47-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645666432&doi=10.1007%2F10895-005-0018-2&partnerID=40&md5=2509821517b785d3c22716c9949efb8
Domanov, Y.A., Molotkovsky, J.G., Gorbenko, G.P.	Coverage-dependent changes of cytochrome c transverse location in phospholipid membranes revealed by FRET (2005) Biochimica et Biophysica Acta - Biomembranes, 1716 (1), pp. 49-58.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2544472873&doi=10.1016%2Fj.bbamem.2005.09.002&partnerID=40&md5=4f1187817e4378cfbf9fb010a9a05227
Ioffe, V., Gorbenko, G.P.	Lysozyme effect on structural state of model membranes as revealed by pyrene excimerization studies (2005) Biophysical Chemistry, 114 (2-3), pp. 199-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17144422439&doi=10.1016%2Fj.bpc.2004.11.010&partnerID=40&md5=8c78b9d66df78a7fbddab68bdd052905
Ioffe, V.M., Khanina, S.A., Zhilkova, E.S., Domanov, Y.A., Gorbenko, G.P.	Effect of radio frequency electromagnetic field on the structural state of model membranes (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW04, 2, pp. 830-831.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544300529&partnerID=40&md5=95fccc878953cdc2159c36f25c544f33
Domanov, Y.A., Gorbenko, G.P. , Molotkovsky, J.G.	Global analysis of steady-state energy transfer measurements in membranes: Resolution of structural and binding parameters (2004) Journal of Fluorescence, 14 (1), pp. 49-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543127262&doi=10.1023%2FB%3aJOF.0000014659.14875.47&partnerID=40&md5=ff508d583c528cb1f932ad746418a20
Gorbenko, G. , Handa, T., Saito, H., Molotkovsky, J., Tanaka, M., Egashira, M., Nakano, M.	Effect of cholesterol on bilayer location of the class A peptide Ac-18A-NH ₂ as revealed by fluorescence resonance energy transfer (2003) European Biophysics Journal, 32 (8), pp. 703-709.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346102545&doi=10.1007%2F00249-003-0333-8&partnerID=40&md5=f22a7f8a5c95462162b8a6f6b6c0eb79
Gorbenko, G.P. , Domanov, Y.A.	Cytochrome c location in phosphatidylcholine/cardiolipin model membranes: Resonance energy transfer study (2003) Biophysical Chemistry, 103 (3), pp. 239-249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037466114&doi=10.1016%2F0301-4622%2802%2900319-8&partnerID=40&md5=9b232c48559a5baaa4e9d60ed4874407
Domanov, Y.A., Gorbenko, G.P.	Analysis of resonance energy transfer in model membranes: Role of orientational effects (2002) Biophysical Chemistry, 99 (2), pp. 143-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037120764&doi=10.1016%2F0301-4622%2802%2900143-6&partnerID=40&md5=32b86ef2bc2d427119c0ea8aea268bb
Gorbenko, G.P. , Domanov, Y.A.	Energy transfer method in membrane studies: Some theoretical and practical aspects (2002) Journal of Biochemical and Biophysical Methods, 52 (1), pp. 45-58.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037188924&doi=10.1016%2F0165-022X%2802%2900031-3&partnerID=40&md5=b1daafa70c994435f803c75e73692c7
Egashira, M., Gorbenko, G. , Tanaka, M., Saito, H., Molotkovsky, J., Nakano, M., Handa, T.	Cholesterol modulates interaction between an amphipathic class A peptide, Ac-18A-NH ₂ , and phosphatidylcholine bilayers (2002) Biochemistry, 41 (12), pp. 4165-4172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037177255&doi=10.1021%2Fbi011885%2b&partnerID=40&md5=e0a2adabac84f9f92ec84784db43b84b
Gorbenko, G. , Saito, H., Molotkovsky, J., Tanaka, M., Egashira, M., Nakano, M., Handa, T.	Resonance energy transfer study of peptide-lipid complexes (2001) Biophysical Chemistry, 92 (3), pp. 155-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035908894&doi=10.1016%2F0301-4622%2801%2900195-8&partnerID=40&md5=8d912d2b6729cb0991a131fcfb2e32d
Gorbenko, G.P.	Fluorescence energy transfer study of model protein-lipid systems (2000) Biofizika, 45 (1), pp. 63-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0005676382&partnerID=40&md5=9d7975757b17c715169749fd05cd25f6
Gorbenko, G.P.	Methemoglobin binding to model phospholipids membranes (2000) Biopolymers and Cell, 16 (1), pp. 16-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891115346&doi=10.7124%2Fbc.000551&partnerID=40&md5=37cc96bd7b0422e7890d9bebbe896102
Gorbenko, G.P.	Study of model protein-lipid systems by the energy transfer method [Issledovanie model'nykh belok-lipidnykh sistem metodom perenosha énergii.] (2000) Biofizika, 45 (1), pp. 58-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033643533&partnerID=40&md5=817610ddf60ff4662566d96edac7add6
Gorbenko, G.P.	Structural changes in model membranes under the influence of ribonuclease and lysozyme as revealed by fluorescent probes (1999) Biofizika, 44 (6), pp. 1052-1053.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042229035&partnerID=40&md5=4581d11bf0a1303beee9494c4fc3c96c

	Gorbenko, G.P.	Fluorescence energy transfer study of lysozyme complexes with liposomes (1999) Biofizika, 44 (2), p. 262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039626300&partnerID=40&md5=543144a871d1b56652ae8382fa62ca13
	Gorbenko, G.P.	Changes in the model membrane structure induced by ribonuclease and lysozyme studied by the fluorescent probe technique [Izmenenie struktury model'nykh membran pod vlianiem ribonukleazy i lizotsima po dannym metoda fluorestsennykh zondov.] (1999) Biofizika, 44 (6), pp. 1048-1053.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033217557&partnerID=40&md5=0ff75badb974b6321a58d1f2595dbef4
	Gorbenko, G.P.	Resonance energy transfer study of hemoglobin complexes with model phospholipid membranes (1999) Biophysical Chemistry, 81 (2), pp. 93-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033394508&doi=10.1016%2FS0301-4622%2899%2900085-X&partnerID=40&md5=abe5fe818993401284145c07214e4649
	Gorbenko, G.P.	Structure of cytochrome c complexes with phospholipids as revealed by resonance energy transfer (1999) Biochimica et Biophysica Acta - Biomembranes, 1420 (1-2), pp. 1-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032787283&doi=10.1016%2FS0005-2736%2899%2900082-6&partnerID=40&md5=1ac075901a82c5373d5eaf62c62cb8bd
	Gorbenko, G.P.	Fluorescent energy transfer study of lysozyme complexes with liposomes [Issledovanie kompleksov lizotsima s liposomami metodom bezyluchatel'nogo perenosa energii.] (1999) Biofizika, 44 (2), pp. 257-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033088995&partnerID=40&md5=1f160471cfcc600dc35cb0e10bc47063
	Gorbenko, G.P.	Lysozyme interaction with liposomes: Thermodynamics of binding (1999) Biopolymers and Cell, 15 (6), pp. 481-486.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891096833&doi=10.7124%2Fbc.000542&partnerID=40&md5=8886389bc62087009a62dd783ce27f98
	Gorbenko, G.P., Dyubko, T.S., Krupin, V.D.	The electronic irradiation effect on the structure of microsomal membrane proteins (1998) Ukrain'skyi Biokhimichnyi Zhurnal, 70 (3), pp. 112-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346242586&partnerID=40&md5=5b3fbd9f32f6ffba44073195267cc3572
	Gorbenko, G.P.	Resonance energy transfer study of hemoglobin and cytochrome c complexes with lipids (1998) Biochimica et Biophysica Acta - Bioenergetics, 1409 (1), pp. 12-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032476687&doi=10.1016%2FS0005-2728%2898%2900140-6&partnerID=40&md5=b3343624b25d4fa47c5d28cd7e82111b
	Gorbenko, G.P.	Kinetics of conformational changes of methemoglobin complexed with liposomes [Kinetika konformatsionnykh izmenenii metgemoglobina v komplekse s liposomami.] (1998) Ukrainskii biokhimicheskii zhurnal, 70 (3), pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032057412&partnerID=40&md5=d66e087c250b8a5f6014234bcfa788b3
	Gorbenko, G.P., Diubko, T.S., Krupin, V.D.	Effect of electron irradiation on the structure of microsomal membrane proteins [Vlianie elektronnoho oblucheniia na strukturu belkov mikrosomal'nykh membran.] (1998) Ukrainskii biokhimicheskii zhurnal, 70 (3), pp. 109-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032057456&partnerID=40&md5=dbb7f8b05f6c8723aaff87fea4d6ae39
	Gorbenko, G.P.	Bromothymol blue as a probe for structural changes of model membranes induced by hemoglobin (1998) Biochimica et Biophysica Acta - Biomembranes, 1370 (1), pp. 107-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032489598&doi=10.1016%2FS0005-2736%2897%2900252-6&partnerID=40&md5=58b82cb3fe50919388ae27529567a116
	Gorbenko, G.P., Kurilko, S.A., Malykhina, T.V.	Changes of liposomes electrophoretic mobility under the effect of ribonuclease and cytochrome c [Izmenenie elektroforeticheskoi podvizhnosti liposom pod vlianiem ribonukleazy i tsitokhroma c.] (1998) Biofizika, 43 (2), pp. 260-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032017202&partnerID=40&md5=d3b6fc2c246138704465bdcfa0e3a884
	Gorbenko, G.P., Kurilko, S.A., Malykhina, T.V.	Changes of Liposomes Electrophoretic Mobility under the Influence of Ribonuclease and Cytochrome c (1998) Biofizika, 43 (2), p. 263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345764918&partnerID=40&md5=710bbe2d8dea3111e277fd9242b1d1b0
	Gorbenko, G.P.	Ribonuclease and lysozyme effect on the physical properties of lipid bilayer (1997) Biofizika, 42 (4), p. 913.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347173713&partnerID=40&md5=b116001e5da3cd747c16b099cb75efd5
	Gorbenko, G.P.	Effect of ribonuclease and lysozyme on physical properties of the lipid bilayer [Vlianie ribonukleazy i lizotsima na fizicheskie svoista lipidnogo bisloia.] (1997) Biofizika, 42 (4), pp. 909-913.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031184284&partnerID=40&md5=07a21fca0146f642b3dad64454cbcb84
	Gorbenko, G.P.	Competitive analysis of ribonuclease interaction with liposomes (1996) Ukrain'skyi Biokhimichnyi Zhurnal, 68 (1), p. 60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542604103&partnerID=40&md5=4c179cf5ca4df3bc339e76cfbe8a775
	Gorbenko, G.P.	Competitive binding of fluorescent probe 4-(n-dimethylaminostyryl)-1-methylpyridinium n-toluenesulfonate and lysozyme to liposomes (1996) Biofizika, 41 (2), pp. 361-362.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542475505&partnerID=40&md5=6d005864a3e9589f3a0d6c25fac9aa98
	Gorbenko, G.P.	Studies of methemoglobin interaction with liposomes using fluorescent probe DSM and its derivatives (1996) Ukrain'skyi Biokhimichnyi Zhurnal, 68 (3), pp. x19-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442644339&partnerID=40&md5=5eda4e13a207c22c02843d8f279ee3ea
	Gorbenko, G.P.	Alterations in the binding of fluorescent probes 1-anilinonaphthalene-8-sulfonate and 4-(n-dimethylaminostyryl)-1-methylpyridinium n-toluenesulfonate to liposomes upon irradiation (1996) Biofizika, 41 (2), pp. 367-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542580146&partnerID=40&md5=4188fc9e7473ff93666e7cea2de9e6a1
	Gorbenko, G.P.	Fluorescent probe studies of ribonuclease and lysozyme interactions with liposomes (1996) Biofizika, 41 (5), pp. 1042-1043.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842582397&partnerID=40&md5=b33ee420a967704cdd4b92b4639cea71
	Gorbenko, G.P., Dyubko, T.S.	Interaction of 4-(n-dimethylaminostyryl)-1-methylpyridinium n-toluenesulfonate with liposomes: Fluorescence spectra analysis (1996) Biofizika, 41 (2), pp. 353-354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542790204&partnerID=40&md5=2248181e2932b39915c4072135e7a381
	Tkachenko, V.N., Gorbenko, G.P., Kurilko, S.A., Tovstiyak, V.V.	Effect of membranotropic agents on the activity of microsomal oxydoreductases (1996) Ukrain'skyi Biokhimichnyi Zhurnal, 68 (4), pp. x9-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442704487&partnerID=40&md5=ae8bb1cf37bedcf8d855ea23522d52c
	Gorbenko, G.P.	Analysis of ribonuclease and lysozyme interactions with liposomes using fluorescent probes [Issledovanie vzaimodeistviia ribonukleazy i lizotsima s liposomami metodom fluorestsennykh zondov.] (1996) Biofizika, 41 (5), pp. 1038-1043.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030227554&partnerID=40&md5=f866744c913f34e13dfb3b2f8689727e
	Tkachenko, V.N., Gorbenko, G.P., Kurilko, S.A., Tovstiyak, V.V.	Effect of membranotropic agents on the activity of microsomal oxidoreductases [Vlianie membranotropnykh agentov na aktivnost' oksidoreduktaz mikrosom.] (1996) Ukrainskii biokhimicheskii zhurnal, 68 (4), pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030178434&partnerID=40&md5=c33c98b3ca6dfcb44595755f6a324e1e
	Gorbenko, G.P.	Study of interactions of methemoglobin with liposomes using the fluorescent probe DSM and its derivatives [Issledovanie vzaimodeistviia metgemoglobina s liposomami s pomoshch'iu fluorestsennogo zonda DSM i ego proizvodnykh.] (1996) Ukrainskii biokhimicheskii zhurnal, 68 (3), pp. 111-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030132890&partnerID=40&md5=539d6634e540780c64313095f4461a75
	Gorbenko, G.P.	Changes in binding parameters of fluorescent probes 1-anilinonaphthalene-8-sulfonate and 4-(n-dimethylaminostyryl)-1-methylpyridinium n-toluolsulfonate with liposomes upon radiation exposure [Izmenenie parametrov svyazivaniia fluorestsennykh zondov 1-anilinonafthalin-8-sul'fonata i 4-(n-dimetilaminostiril)-1-metilpiridini n-toluolsul'fonata s liposomami pri vozdeistvii radiatsii.] (1996) Biofizika, 41 (2), pp. 363-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030103095&partnerID=40&md5=04b3d9e4a0309b9f13998785b37c2720
	Gorbenko, G.P.	Competitive interaction of the fluorescent probe 4-(n-dimethylaminostyryl)-1-methylpyridinium n-toluolsulfonate and lysozyme with lysosomes [Konkurentnoe vzaimodeistvie fluorestsennogo zonda 4-(n-dimetilaminostiril)-1-metilpiridini n-toluolsul'fonata i lizotsima s lisosomami.] (1996) Biofizika, 41 (2), pp. 355-362.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030101427&partnerID=40&md5=786c7abf5165fd4fdc24b2e4e650da63

	Gorbenko, G.P., Diubko, T.S.	Interaction of 4-(n-dimethylaminostyryl)-1-methylpyridinium-n-toluolsulfonate with liposomes: analysis of fluorescence spectra [Vzaimodeistvie 4-(n-dimetilaminostiril)-1-metilpiridiniĭ-n-toluolsulfonata s liposomami: analiz spektrov fluorestsentsii.] (1996) Biofizika, 41 (2), pp. 348-354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030101586&partnerID=40&md5=7990aa0115e3f96ab995b39a94d9518c
	Gorbenko, G.P.	Study of the interaction of ribonuclease with liposomes using competitive analysis [Issledovanie vzaimodeistvia ribonukleazy s liposomami metodom konkurentnogo analiza.] (1996) Ukrainkii biokhimicheskii zhurnal, 68 (1), pp. 55-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029715261&partnerID=40&md5=ca1f4917c1b18b10e869ff1d610b371
	Gorbenko, G.P., Krupin, V.D.	Effect of radiation on erythrocyte membrane protein structure [Vliianie radiatsii na strukturu belkovogo komponenta ėritrotsitarnykh membran.] (1995) Biofizika, 40 (2), pp. 389-392.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029261068&partnerID=40&md5=d3b194e19182d57a7ce070b5d6d44f53
	Gorbenko, G.P., Diubko, T.S.	Study of radiation-induced change in the membrane structure using a fluorescent probe [Izuchenie indutsirovannogo radiatsiei izmeneniia struktury membran s pomoshch'iu fluorestsennogo zonda.] (1995) Ukrainkii biokhimicheskii zhurnal, 67 (1), pp. 100-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029171686&partnerID=40&md5=d43175957041d66ba22ba7509c35dea2
	Dyubko, T.S., Gorbenko, G.P., Nardid, O.A., Moiseyev, V.A.	Investigation of the influence of low temperatures and organic solvents on the structure of model membranes using fluorescent probes (1994) Biophysics, 39 (1), pp. 55-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149144076&partnerID=40&md5=83975a042db88fc1dd8d3067e2a1e56f
	Tkachenko, V.N., Gorbenko, G.P., Dyubko, T.S., Krupin, V.D., Kurilko, S.A., Tovstiyak, V.V.	Influence of the ionizing radiation on the microsomal oxydoreductase activity (1994) Radiatsionnaya Biologiya. Radioekologiya, 34 (4-5), pp. 627-630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028469773&partnerID=40&md5=904887c6c9112832686c6bca6bb2aca7
	Gorbenko, G.P.	Use of the competitive analysis method for studying protein-lipid interactions [Primenenie metoda konkurentnogo analiza dlia issledovaniia belok-lipidnykh vzaimodeistvii.] (1994) Ukrainkii biokhimicheskii zhurnal, 66 (3), pp. 99-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028440227&partnerID=40&md5=9cb77d7c9fc5e8d7d18942b754d42646
	Gorbenko, G.P., Krupin, V.D., Tovstiyak, V.V.	Effect of radiation on erythrocyte membrane structure using fluorescent probes [Issledovanie vliianiia radiatsii na strukturu membran ėritrotsitov metodom fluorestsennykh zondov.] (1994) Ukrainkii biokhimicheskii zhurnal, 66 (3), pp. 71-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028441250&partnerID=40&md5=dd60d2c787c2525b115cddb849e16cc7
	Gorbenko, G.P.	Spectral changes in neutral red in a methemoglobin-liposome system [Spektral'nye izmeneniia neutral'nogo krasnogo v sisteme methemoglobin-liposomy.] (1994) Ukrainkii biokhimicheskii zhurnal, 66 (2), pp. 59-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028402803&partnerID=40&md5=f679af19c3f659901aa743a7ea68f84c
	Diubko, T.S., Gorbenko, G.P., Nardid, O.A., Moiseyev, V.A.	Study of the effect of low temperatures and organic solvents on the structure of model membranes using fluorescent probes [Issledovanie vliianiia nizkikh temperatur i organicheskikh rastvoritelei na strukturu model'nykh membran metodom fluorestsennykh zondov.] (1994) Biofizika, 39 (1), pp. 58-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028319982&partnerID=40&md5=acaa6a4c1ffef12a66475c5664913
	Gorbenko, G.P., Krupin, V.D., Tovstiyak, V.V.	Influence of radiation on the structural state of erythrocyte membranes (1993) Biophysics, 38 (4), pp. 723-726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041034967&partnerID=40&md5=c54a31e5dea82bc56441c970bbc8a32
	Krupin, V.D., Kurilko, S.A., Tkachenko, V.N., Gorbenko, G.P., Tovstiyak, V.V.	Effect of radiation on the electrophoretic mobility of erythrocytes [Vliianie radiatsii na ėlektroforeticheskuĭ podvizhnost' ėritrotsitov.] (1993) Ukrainkii biokhimicheskii zhurnal, 65 (5), pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027662285&partnerID=40&md5=3b3328789592d7b6690b895900cc064
	Gorbenko, G.P., Krupin, V.D., Tovstiyak, V.V.	Effect of radiation on the structural state of erythrocyte membranes [Vliianie radiatsii na strukturnoe sostoiianie membran ėritrotsitov.] (1993) Biofizika, 38 (4), pp. 699-702.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027637078&partnerID=40&md5=d5bdfb78f67a139a6a48fee4dfb5b41c
	Gorbenko, G.P., Krupin, V.D., Finashin, A.V., Tovstiyak, V.V.	Effect of ionizing radiation on the structure of erythrocyte membranes [Vliianie ioniziruiushchego izlucheniia na strukturu membran ėritrotsitov.] (1993) Ukrainkii biokhimicheskii zhurnal, 65 (1), pp. 74-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027346868&partnerID=40&md5=533b690fa8e1212cc9c71c5b73e9a8b2
	Gorbenko, G.P., Dreval, V.I.	Fluorescence investigation of methemoglobin structural changes upon interaction with liposomes (1990) Biofizika, 35 (6), pp. 925-927.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025666679&partnerID=40&md5=863061909ec37aec8128e7b1861b4fb
	Dreval, V.I., Gorbenko, G.P.	The effect of methemoglobin and ferritytochrome c on the lipid bilayer structure [Vpliv metgemoglobinu i ferritsitokhromu c na strukturu lipidnogo sharu.] (1990) Ukrainkii biokhimicheskii zhurnal, 62 (5), pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025490442&partnerID=40&md5=31ed3fd1133e903097008a3c5d722b66
	Gorbenko, G.P., Dreval, V.I.	Interaction of ferritytochrome c with liposomes [Vivchennia vzaiemodii ferritsitokhromu c z liposomami.] (1990) Ukrainkii biokhimicheskii zhurnal, 62 (5), pp. 106-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025481329&partnerID=40&md5=a3c068fe4776f1551a6db3b4caacde6
13	Nemchenko, K., Rogova, S., Vikhtinskaya, T.	Heat Transfer in 3He – 4He Mixtures in Cylindrical Geometry (2017) Journal of Low Temperature Physics, 187 (3-4), pp. 324-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8501385949&doi=10.1007%2fs10909-017-1761-7&partnerID=40&md5=f2a2644b6038ac553c911aachbec545f
	Vihitskaya, T.G., Nemchenko, K.E., Rogova, S.Yu.	Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid 3He-4He mixtures (2016) Fizika Nizkikh Temperatur, 42 (8), pp. 909-912.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978412222&partnerID=40&md5=936c3502f9e2b15e111af1d1cfd5501
	Vihitskaya, T.G., Nemchenko, K.E., Rogova, S.Y.	The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid 3He-4He solutions (2016) Low Temperature Physics, 42 (8), pp. 714-720.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984972857&doi=10.1063%2f1.4961657&partnerID=40&md5=0b969f723292a9671d20182bb850178d
	Nemchenko, K., Rogova, S.	Quantitative ratio of heat flows due to second sound to dissipation in superfluid 3He-4He mixtures (2014) Journal of Low Temperature Physics, 175 (1-2), pp. 85-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896403178&doi=10.1007%2fs10909-013-0973-8&partnerID=40&md5=9b7619cf2854bc56e0b78504aa80e4a6
	Nemchenko, K., Rogova, S.	Diffusion and thermal diffusion influence on temperature relaxation in superfluid 3He-4He mixtures (2013) Journal of Low Temperature Physics, 171 (3-4), pp. 187-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892997297&doi=10.1007%2fs10909-012-0680-x&partnerID=40&md5=05ba121b6baaf3b2eeb8f649a15ec240
	Nemchenko, K., Rogova, S.	Resonances in systems with two different types of heat transfer (2012) Modern Physics Letters B, 26 (23), art. no. 1230015, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865239705&doi=10.1142%2fS0217984912300153&partnerID=40&md5=ac1bda42a9bb806cef82ff3dc6d69082f
	Belonenko, M.B., Zhukov, A.V., Nemchenko, K.É., Prabhakar, S., Melnik, R.	Echo effects on relativistic Landau levels in graphene and bigraphene as a manifestation of the quantum memory (2012) Modern Physics Letters B, 26 (15), art. no. 1250094, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862089404&doi=10.1142%2fS0217984912500947&partnerID=40&md5=46e5ea789453f93a302848ae2d3a609b
	Nemchenko, K.E., Rogova, S.Y.	Unusual resonances in superfluid 4He - metal double-layer system (2012) Problems of Atomic Science and Technology, (1), pp. 308-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857721102&partnerID=40&md5=fd1224a40d0016e417db79911ec8f136
	Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E., Wyatt, A.F.G.	Phonons, rotons and riplons at interfaces (2012) Problems of Atomic Science and Technology, (1), pp. 260-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857726968&partnerID=40&md5=b75b3c91c87805e6076d1dc1c65d3221
	Nemchenko, K., Rogova, S.	Standing second sound wave in many-layer systems (2012) Low Temperature Physics, 38 (1), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857163305&doi=10.1063%2f1.3677232&partnerID=40&md5=47faa2666d019fe996214c380269d657
	Nemchenko, K., Rogova, S.	Standing second sound wave in many-layer systems (2012) Fizika Nizkikh Temperatur (Kharkov), 38 (1), pp. 3-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855397457&partnerID=40&md5=034b17592366cf0e87072d2636e6d204
	Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E., Wyatt, A.G.	A new ripplon branch in He II (2010) Low Temperature Physics, 36 (7), art. no. 003007.LTP, pp. 582-589.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956829310&doi=10.1063%2f1.3479212&partnerID=40&md5=6af957adff3003e4b29d9d70d55824f4

Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E. , Wyatt, A.F.G.	A new ripplon branch in He II (2010) Fizika Nizkikh Temperatur (Kharkov), 36 (7), pp. 731-739.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952769412&partnerID=40&md5=85d307b68f81ad15023ddf9d5ba86f
Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E. , Wyatt, A.F.G.	Interactions of phonons and rotons with interfaces in superfluid helium (2010) Journal of Low Temperature Physics, 159 (5-6), pp. 549-575.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952241855&doi=10.1007%2f10909-010-0165-8&partnerID=40&md5=8ca4f32134fa0c0949f3af921c020e81
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A.	Formation of a mesa shaped phonon pse in superfluid 4He (2010) Journal of Low Temperature Physics, 159 (3-4), pp. 492-514.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952236695&doi=10.1007%2f10909-010-0157-8&partnerID=40&md5=e2f81b389a7e435dc5bde2e361f3a144
Nemchenko, K. , Rogova, S.	Heat and 3He transfer by second sound in superfluid helium at low temperatures (2010) Journal of Molecular Liquids, 151 (1), pp. 9-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71149119185&doi=10.1016%2fj.molliq.2009.11.0048&partnerID=40&md5=4f043b45186f08f159f033197728b40f
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	On the influence of a finite relative velocity on first sound propagation in liquid 4He II (2010) Journal of Molecular Liquids, 151 (1), pp. 60-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71149108686&doi=10.1016%2fj.molliq.2009.11.0048&partnerID=40&md5=d28732ed953c52ca93efc4b2137cef6d
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V.	Rotons and the dispersion of ripplons of He II (2009) Journal of Physics: Conference Series, 150 (3), art. no. 032107, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952469255&doi=10.1088%2f1742-6596%2f150%2f3%2f032107&partnerID=40&md5=f831e0878b60735df6a7bc3a081a9dbf
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Phonons Created in Superfluid Helium by a Thin Film Gold Heater (2009) Journal of Low Temperature Physics, 157 (5-6), pp. 509-526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449535640&doi=10.1007%2f10909-009-0011-z&partnerID=40&md5=56232d91cb507b1fab51c47d95b8a9c
Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E. , Wyatt, A.F.G.	Theory of scattering between two phonon beams in superfluid helium (2009) Physical Review B - Condensed Matter and Materials Physics, 80 (1), art. no. 014509, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-69249212408&doi=10.1103%2fPhysRevB.80.014509&partnerID=40&md5=a2f5186391e4ab9f6eb3b09dc28c953
Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E. , Wyatt, A.F.G.	Four- and three-phonon scattering in isotropic superfluid helium (2009) Low Temperature Physics, 35 (3), pp. 198-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64549126568&doi=10.1063%2f1.3081151&partnerID=40&md5=8fc9dd0f2084073f100f8d47d4ee1688
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Second sound in an anisotropic quasiparticle system of superfluid H4 e (2009) Physical Review B - Condensed Matter and Materials Physics, 79 (10), art. no. 104508, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63249102421&doi=10.1103%2fPhysRevB.79.104508&partnerID=40&md5=f6b262092444e14cf9c35d384c8bce50
Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E. , Wyatt, A.F.G.	Four and three-phonon scattering in isotropic superfluid helium (2009) Fizika Nizkikh Temperatur (Kharkov), 35 (3), pp. 265-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649970741&partnerID=40&md5=9e8becb7240aa13c629b213cbcd77de
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V., Wyatt, A.F.G.	Pressure of thermal excitations in superfluid helium (2008) Journal of Physics Condensed Matter, 20 (24), art. no. 245103, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649196566&doi=10.1088%2f0953-8984%2f20%2f24%2f245103&partnerID=40&md5=23223311afb665049a46d1314fbbbed6
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Collective modes in superfluid helium when there is a relative velocity between the normal and superfluid components (2008) Low Temperature Physics, 34 (4), pp. 279-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44349104143&doi=10.1063%2f1.2908889&partnerID=40&md5=7885241a41f51a3a3636c08d1483a036
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V.	Transmission and reflection of phonons and rotons at the superfluid helium-solid interface (2008) Physical Review B - Condensed Matter and Materials Physics, 77 (17), art. no. 174510, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43949124858&doi=10.1103%2fPhysRevB.77.174510&partnerID=40&md5=915dbb2f26ad32810a058e2400a38b90
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Transverse sound in differentially moving superfluid helium (2008) Physical Review B - Condensed Matter and Materials Physics, 77 (14), art. no. 144515, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42449118531&doi=10.1103%2fPhysRevB.77.144515&partnerID=40&md5=6341e4e5e91baef02970ba88f1dc91d1
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Collective modes in superfluid helium when there is a relative velocity between the normal and superfluid components (2008) Fizika Nizkikh Temperatur (Kharkov), 34 (4-5), pp. 357-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41649107342&partnerID=40&md5=1c008969e678edebdaa5541c7e6faf7
Nemchenko, K. , Rogova, S.	Second sound contribution to temperature gradient evolution in superfluid mixtures (2008) Journal of Low Temperature Physics, 150 (3-4), pp. 187-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549087979&doi=10.1007%2f10909-007-9528-1&partnerID=40&md5=c8e4cc09d4d5ff0ec61cbe7b2c850d9e
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	The unusual properties of anisotropic systems of quasiparticles in superfluid 4He (2007) Low Temperature Physics, 33 (9), pp. 767-773.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34748836956&doi=10.1063%2f1.2780172&partnerID=40&md5=72c0ce50b7975ce1d37309327299736f
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Second sound in a strongly anisotropic system of quasiparticles in He(II) (2007) Journal of Low Temperature Physics, 148 (5-6), pp. 547-552.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547124314&doi=10.1007%2f10909-007-9479-6&partnerID=40&md5=ee34cab0bf242e49f077b81fe41c558
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	The unusual properties of anisotropic systems of quasiparticles in superfluid4He (2007) Fizika Nizkikh Temperatur (Kharkov), 33 (9), pp. 1008-1015.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3484882553&partnerID=40&md5=ea75bc3def2877bb221828746ebb9f3
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Kitsenko, Yu.A., Wyatt, A.F.G.	Creation of high-energy phonons by four-phonon processes in anisotropic phonon systems of He II (2007) Low Temperature Physics, 33 (5), pp. 387-400.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250210798&doi=10.1063%2f1.2737546&partnerID=40&md5=ecc7080ff019d94e81cfcb8bae4fa815
Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Creation of high-energy phonons by four-phonon processes in anisotropic phonon systems of He II (2007) Fizika Nizkikh Temperatur (Kharkov), 33 (5), pp. 523-537.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147157408&partnerID=40&md5=82e4afc1e7a6907a3bd69724225dd0b
Sheshin, G., Kalko, T., Nemchenko, K. , Rudavskii, E., Chagovets, V., Zadorozhko, A.	Temperature and concentration relaxation in phase-separated superfluid 3He-4He mixtures (2007) Journal of Low Temperature Physics, 146 (3-4), pp. 403-416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947492436&doi=10.1007%2f10909-006-9274-9&partnerID=40&md5=52cd40dd6ba6f6ca53e27ebcf2f523f1
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Relaxation of anisotropic systems of quasi-particles in superfluid helium (2006) Journal of Low Temperature Physics, 145 (5-6), pp. 387-407.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483344&doi=10.1007%2f10909-006-9250-4&partnerID=40&md5=4475a71b19d6e62e2654ecfd61c4d347
Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	The decay of one phonon into three in superfluid helium (2006) Journal of Physics Condensed Matter, 18 (45), art. no. 006, pp. 10179-10191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846095949&doi=10.1088%2f0953-8984%2f18%2f45%2f006&partnerID=40&md5=7fd986156c3d1caa2beb978c5f405745
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V.	Transmission of phonons with anomalous dispersion through the interface of two continuous media (2006) Journal of Low Temperature Physics, 144 (1-3), pp. 13-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751518618&doi=10.1007%2f10909-006-9224-6&partnerID=40&md5=691b3cda6c466a101a8f2a546905abdd
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V.	Normal transmission of phonons with anomalous dispersion through the interface of two continuous media (2006) Low Temperature Physics, 32 (3), pp. 187-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745569048&doi=10.1063%2f1.2178427&partnerID=40&md5=8896cd3b755528061805d1fad3573990
Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Creation and decay of high-energy phonons in anisotropic systems of low-energy phonons in superfluid helium (2006) Physical Review B - Condensed Matter and Materials Physics, 73 (13), art. no. 134505, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3364551485&doi=10.1103%2fPhysRevB.73.134505&partnerID=40&md5=19349624d33273b6f6a618ecec7cc1bf4
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Thermodynamics of anisotropic phonon systems in superfluid helium (2006) Journal of Physics Condensed Matter, 18 (10), pp. 2805-2816.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644553872&doi=10.1088%2f0953-8984%2f18%2f10%2f006&partnerID=40&md5=eb76151c94dbc009b946258519e9b020
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V.	Normal transmission of phonons with anomalous dispersion through the interface of two continuous media (2006) Fizika Nizkikh Temperatur (Kharkov), 32 (3), pp. 255-268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645975477&partnerID=40&md5=713909bf3f49dbcbba61bcc212bea1b9

Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Anisotropic system of quasiparticles in superfluid helium (2006) Physical Review Letters, 96 (6), art. no. 065301, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33144482600&doi=10.1103%2FPhysRevLett.96.065301&partnerID=40&md5=30fdb9f56b8cb2051c57eddb2b81370
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Kitsenko, Yu.A., Wyatt, A.F.G.	Three-phonon relaxation in isotropic and anisotropic phonon systems of liquid helium at different pressures (2005) Low Temperature Physics, 31 (6), art. no. 001506ltp, pp. 459-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644517847&doi=10.1063%2F1.1943527&partnerID=40&md5=e5c2c57d6bef46c1a33cdd7c7ba7426f
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Transverse evolution of cylindrical phonon pulse in superfluid helium-4 (2005) Journal of Low Temperature Physics, 138 (1-2), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21044437134&doi=10.1007%2F10909-005-1529-3&partnerID=40&md5=4ac09c83d613a929d6c431b13a4af9a0
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V.	Energy transfer through the interface into a quantum fluid with nonlinear dispersion relation (2005) Journal of Low Temperature Physics, 138 (1-2), pp. 397-402.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23944525614&doi=10.1007%2F10909-005-1529-9&partnerID=40&md5=ea8d23f63ea3db7c366ede8f656d86db
Chagovets, V., Kalko, T., Rudavskii, E., Sheshin, G., Zadorozhko, A., Nemchenko, K.	Phonon-impuriton relaxation and transport in 3He- 4He superfluid solutions (2005) Journal of Low Temperature Physics, 138 (1-2), pp. 25-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23944440197&doi=10.1007%2F10909-005-1522-x&partnerID=40&md5=ae0789136cd78292c8538ec3060f8924
Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Quasiequilibrium distribution function of anisotropic phonon systems and the interaction of pulses of low-energy phonons in superfluid helium (2005) Physical Review B - Condensed Matter and Materials Physics, 72 (5), art. no. 054507, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644934565&doi=10.1103%2FPhysRevB.72.054507&partnerID=40&md5=9f5074a2ffa048a84b3947b9e2f918b1
Asheko, A.A., Nemchenko, K.E.	The evidence of the existing and the parameters of the second region of water dipole relaxation (2005) Journal of Molecular Liquids, 120 (1-3), pp. 91-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144407292&doi=10.1016%2Fj.molliq.2004.07.042&partnerID=40&md5=a3cd52a172580713185b77d6aa7a3c1e
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V.	The density of energy flow of quasiparticles with arbitrary energy-momentum relation (2005) Journal of Molecular Liquids, 120 (1-3), pp. 167-169.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144389091&doi=10.1016%2Fj.molliq.2004.07.062&partnerID=40&md5=360d2e36c5214cc0256790cc08ffbc
Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Three-phonon relaxation in isotropic and anisotropic phonon systems of liquid helium at different pressures (2005) Fizika Nizkikh Temperatur (Kharkov), 31 (6), pp. 607-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444375840&partnerID=40&md5=0dd2b7f1f29c5e1035a0e1215fc896f5e
Chagovets, V., Kalko, T., Nemchenko, K. , Rudavskii, E., Sheshin, G., Zadorozhko, A.	Relaxation processes in phonon-impuriton system and effective thermal conductivity of superfluid 3He-4He solutions (2005) Journal of Molecular Liquids, 120 (1-3), pp. 185-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144413586&doi=10.1016%2Fj.molliq.2004.07.075&partnerID=40&md5=de4996cb62317f17c8e997b276a3289
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Vovk, R.V., Williams, C.D.H., Wyatt, A.F.G.	Spatial evolution of pulses of low-energy phonons in liquid 4He (2005) Journal of Molecular Liquids, 120 (1-3), pp. 163-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144399322&doi=10.1016%2Fj.molliq.2004.07.061&partnerID=40&md5=6f90a0996afedecaca427873888aaf23d
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Longitudinal evolution of a phonon pulse in liquid 4He (2005) Journal of Physics Condensed Matter, 17 (19), pp. 2859-2871.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21044451897&doi=10.1088%2F0953-8984%2F17%2F19%2F0048&partnerID=40&md5=f63b3f8946dd6f1d6a243ca1290a716
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Evolution of a pulse of noninteracting quasiparticles with dispersion and initial angular width (2004) Low Temperature Physics, 30 (6), pp. 432-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21144432064&doi=10.1063%2F1.1768332&partnerID=40&md5=06857decfb6c0ee664e94eba6987ac1
Zadorozhko, A.A., Kal'ko, T.V., Rudavskii, É.Ya., Chagovets, V.K., Sheshin, G.A., Nemchenko, K.E.	Relaxation and dissipative processes in the phonon-impuriton system of concentrated superfluid mixtures of 3He in 4He (2004) Low Temperature Physics, 30 (10), pp. 763-769.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644446259&doi=10.1063%2F1.1808153&partnerID=40&md5=05bf34810cfad27f73013604a7355e
Zadorozhko, A.A., Kalko, T.V., Rudavskii, É.Ya., Chagovets, V.K., Sheshin, G.A., Nemchenko, K.E.	Relaxation of temperature and concentration in superfluid 3He-4He mixtures. Effective thermal conductivity (2004) Low Temperature Physics, 30 (2), pp. 122-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21144449614&doi=10.1063%2F1.1645163&partnerID=40&md5=3b96d79a5d376ab17f01eaf91a3e332
Zadorozhko, A.A., Kalko, T.V., Nemchenko, K.E. , Rudavskii, E.Ya., Chagovets, V.K., Sheshin, G.A.	Relaxation and dissipation processes in the phonon-impuriton system of concentrated superfluid mixture 3He in 4He (2004) Fizika Nizkikh Temperatur (Kharkov), 30 (10), pp. 1019-1027.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7544238000&partnerID=40&md5=350f69ae240da5525ff080d9ab8cf87d
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Evolution of a pulse of noninteracting quasiparticles with dispersion and initial angular width (2004) Fizika Nizkikh Temperatur (Kharkov), 30 (6), pp. 579-589.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942631063&partnerID=40&md5=d36c15a9d3c00ed7b52f0277f7d0ff46
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Signal of high-energy phonons created by low-energy phonons in superfluid helium (2004) Physical Review B - Condensed Matter and Materials Physics, 69 (14), art. no. 144525, pp. 144525-144525-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37649031349&doi=10.1103%2FPhysRevB.69.144525&partnerID=40&md5=b0351d8edd8572c2e15d995418998d00
Zadorozhko, A.A., Kalko, T.V., Nemchenko, K.E. , Rudavskii, E.Ya., Chagovets, V.K., Sheshin, G.A.	Relaxation of temperature and concentration in superfluid mixtures 3He-4He. Effective thermal conductivity (2004) Fizika Nizkikh Temperatur (Kharkov), 30 (2), pp. 169-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1342312213&partnerID=40&md5=8fd95db6859369a67bc866bb1abae9c7
Sheshin, G., Kalko, T., Zadorozhko, A., Chagovets, V., Rudavskii, E., Nemchenko, K.	Effective heat conductivity and relaxation processes in superfluid mixtures of 3He-4He (2004) Journal of Low Temperature Physics, 134 (1-2), pp. 695-700.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842538182&partnerID=40&md5=341531287e49c5d164705e483d673700
Adamenko, I.N., Nemchenko, K.E. , Wyatt, A.F.G.	On the suprathermal distribution in an anisotropic phonon system in He II (2003) Low Temperature Physics, 29 (1), pp. 11-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544454175&doi=10.1063%2F1.1542372&partnerID=40&md5=8d495a2da4baa7a7cab25cf7e803b5f7
Adamenko, I.N., Nemchenko, K.E. , Slipko, V.A., Wyatt, A.F.G.	Evolution of a cool phonon pulse propagating in superfluid helium (2003) Physical Review B - Condensed Matter and Materials Physics, 68 (13), art. no. 134507, pp. 1345071-13450712.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344099194&partnerID=40&md5=a43e2f3ff081f49e07900f9ec4e86537
Asheko, A.A., Nemchenko, K.E.	Relaxation parameters in the main dispersion range of water (2003) Journal of Molecular Liquids, 105 (2-3), pp. 295-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037693129&doi=10.1016%2FS0167-7322%2803%2900071-0&partnerID=40&md5=269788c43a0d8867a595e3e6b070f768
Adamenko, I.N., Nemchenko, K.E. , Tanatarov, I.V.	Application of the theory of continuous media to the description of thermal excitations in superfluid helium (2003) Physical Review B - Condensed Matter and Materials Physics, 67 (10), art. no. 104513, pp. 1045131-1045139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038755042&partnerID=40&md5=799e89d74f0c68778d7fbb479a8406b
Adamenko, I.N., Nemchenko, K.E. , Wyatt, A.F.G.	On the suprathermal distribution in an anisotropic phonon system in He II (2003) Fizika Nizkikh Temperatur (Kharkov), 29 (1), pp. 16-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037286046&partnerID=40&md5=8c2f9feaf72aa2db887cbf7a6ca101a0
Adamenko, I.N., Nemchenko, K.E. , Wyatt, A.F.G.	Asymmetry of relaxation processes and the creation of high-energy phonons in the anisotropic phonon systems of He II (2002) Low Temperature Physics, 28 (2), pp. 85-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036115542&doi=10.1063%2F1.1461919&partnerID=40&md5=d00243e002e19f82550ff17134b837b5
Adamenko, I.N., Nemchenko, K.E. , Wyatt, A.F.G.	Asymmetry of relaxation processes and creation of high-energy phonons in anisotropic phonon systems of He II (2002) Fizika Nizkikh Temperatur (Kharkov), 28 (2), pp. 123-137.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036466060&partnerID=40&md5=58341bf627b556101db3b9406a73da3
Adamenko, I.N., Nemchenko, K.E. , Wyatt, A.F.G.	The relaxation of high energy phonons in anisotropic distributions in superfluid 4He (2002) Journal of Low Temperature Physics, 126 (5-6), pp. 1471-1500.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036232089&doi=10.1023%2FA%3a1014243432693&partnerID=40&md5=edefded7e39216fa9e546ea53d15d48
Wyatt, A.F.G., Adamenko, I.N., Nemchenko, K.E.	The density of high energy phonons created from a low energy phonon pulse in liquid 4 He (2002) Journal of Low Temperature Physics, 126 (1-2), pp. 609-614.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036102515&doi=10.1023%2FA%3a1013783621537&partnerID=40&md5=641dde2c681913c69aa51529615866b5
Adamenko, I.N., Nemchenko, K.E. , Wyatt, A.F.G.	Phonon Interactions in an Anisotropic Phonon System Leading to a Suprathermal Distribution in Liquid 4He (2001) Journal of Low Temperature Physics, 125 (1-2), pp. 1-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002507481&doi=10.1023%2FA%3a1012247432600&partnerID=40&md5=f9415e5f570bd1a4649e8a1eddc0e2af

	Adamenko, I.N., Zhukov, A.V., Nemchenko, K.E.	The influence of electron-electron interaction on electron mobility over liquid helium (2000) Fizika Nizkikh Temperatur (Kharkov), 26 (7), p. 637.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040953078&partnerID=40&md5=7b36e1582732a82d62e752f1b4f1c798
	Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V., Tucker, M.A.H., Wyatt, A.F.G.	Three-phonon scattering and the initial relaxation of a phonon pulse injected into He II (2000) Physica B: Condensed Matter, 284-288 (PART I), pp. 35-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243369343&partnerID=40&md5=1981da8497823f254a79fbad73a264e7
	Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V., Tucker, M.A.H., Wyatt, A.F.G.	Four-phonon scattering in He II (2000) Physica B: Condensed Matter, 284-288 (PART I), pp. 31-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002141410&partnerID=40&md5=bb9e250c00739cb4d30d3c0e9929528e
	Wyatt, A.F.G., Tucker, M.A.H., Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V.	Suprathemal phonons in superfluid 4He (2000) Physical Review B - Condensed Matter and Materials Physics, 62 (5), pp. 3029-3032.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000137988&partnerID=40&md5=e951905c1fa183e643f79eb7dd77f47e
	Wyatt, A.F.G., Tucker, M.A.H., Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V.	The creation of supra-thermal densities of high-energy phonons in He II (2000) Physica B: Condensed Matter, 280 (1-4), pp. 36-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033901210&partnerID=40&md5=8dc3d9efc638398259e04d40f1da72dc
	Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V., Tucker, M.A.H., Wyatt, A.F.G.	The distribution function for phonons emitted into He II by a solid (2000) Physica B: Condensed Matter, 284-288 (PART I), pp. 33-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243843608&partnerID=40&md5=1c616f66b02f53c0bb4694009b83eab
	Wyatt, A.F., Tucker, M.A., Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V.	High-energy phonon creation from cold phonons in pulses of different length in He II (2000) Physical Review B - Condensed Matter and Materials Physics, 62 (14), pp. 9402-9412.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034289537&doi=10.1103%2FPhysRevB.62.9402&partnerID=40&md5=67adb02ea5f8e9ae4d8b3de6bea5a71f
	Adamenko, I.N., Zhukov, A.V., Nemchenko, K.E.	Influence of electron-electron interaction on the mobility of electrons on the surface of liquid helium (2000) Low Temperature Physics, 26 (7), pp. 459-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646976671&partnerID=40&md5=84e44b59b80034a248f934f4d96cc0d
	Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V., Tucker, M.A.H., Wyatt, A.F.G.	Creation of high-energy phonons from low-energy phonons in liquid helium (1999) Physical Review Letters, 82 (7), pp. 1482-1485.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033556942&partnerID=40&md5=069f8acc3d002948096c4cad474cea98
	Nemchenko, K.E.	Kinetics of diffusion mode in phonon-impuriton system of mixtures of quantum 3He-4He liquids (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (10), pp. 944-945.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342950241&partnerID=40&md5=105160a62c36e2fc44772f0760461535
	Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V.	Thermal Conductivity of Binary Gas of Thermal Excitations with External Scattering Centres (1998) Journal of Low Temperature Physics, 111 (3-4), pp. 387-392.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032075616&partnerID=40&md5=diffa98d7121d29709143ef72c44197649
	Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V., George, T.F.	Quantum Diffusion of Impurities in the Gas of Phonons in Quantum Mixtures of Helium Isotopes (1998) Journal of Low Temperature Physics, 111 (3-4), pp. 603-608.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032070721&partnerID=40&md5=3b8fcdca49ce67128751ca7162a0013de
	Adamenko, I.N., Nemchenko, K.E. , Zhukov, A.V., Um, C.-I., George, T.F., Pandey, L.N.	Diffusion of Impurity Excitations in Superfluid and Solid 3He-4He Mixtures (1998) Journal of Low Temperature Physics, 111 (1-2), pp. 145-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032048624&partnerID=40&md5=4a45f492b3b3842b5bea67b9141ba7e8
	Nemchenko, K.E.	Kinetics of diffusion mode in a phonon-impuriton system of 3He-4He mixtures of quantum liquids (1998) Low Temperature Physics, 24 (10), pp. 708-711.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644433385&partnerID=40&md5=de1abe7084d73a8f6bae9baaa0b511eb
	Nemchenko, K.E.	Relaxation of concentration and temperature in superfluid mixtures 3He-4He at low temperature (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (8), p. 802.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243116741&partnerID=40&md5=08999af8f8b5189487bca2f4030586dc
	Adamenko, I.N., Zhukov, A.V., Nemchenko, K.E. , George, T.F.	Diffusion in liquid and solid 3He-4He mixtures (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (5), p. 585.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244371553&partnerID=40&md5=7a8566e04d9dd9d7df0d8a215672c2a
	Nemchenko, K.E.	Relaxation of concentration and temperature in superfluid mixtures 3He-4He at low temperatures (1997) Low Temperature Physics, 23 (8), pp. 599-601.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2174445445&partnerID=40&md5=e2c08e9a13d60470dab88c3d08b34851
	Adamenko, I.N., Zhukov, A.V., Nemchenko, K.E. , George, T.F.	Diffusion in liquid and solid solutions 3He-4He (1997) Low Temperature Physics, 23 (5-6), pp. 428-437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646988149&partnerID=40&md5=ba0097f891d284970a09e7286b4c1499
	Adamenko, I.N., Nemchenko, K.E.	Thermal conductivity of the binary gas of thermal excitations (1996) Czechoslovak Journal of Physics, 46 (SUPPL. 1), pp. 73-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7795791955&doi=10.1007%2Fb02569452&partnerID=40&md5=b4b1f4c57ccac640ad8bc634e44aa5d
	Adamenko, I.N., Nemchenko, K.E.	Thermal conductivity caused by two-component gas of thermal excitations (1996) Fizika Nizkikh Temperatur (Kharkov), 22 (9), p. 1004.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3343022642&partnerID=40&md5=6863d894b6c9583bc09db7d500c382d6
	Adamenko, I.N., Nemchenko, K.E.	Diffusion of thermal and impurity excitations in superfluid mixtures of helium isotopes (1996) Czechoslovak Journal of Physics, 46 (SUPPL. 1), pp. 95-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957901214&doi=10.1007%2Fb02569463&partnerID=40&md5=233ff562d5b4cf94731741844a417de
	Adamenko, I.N., Chervanyov, A.I., Nemchenko, K.E.	Knudsen effect in gas of impurities of 3He-4He superfluid mixtures (1996) Czechoslovak Journal of Physics, 46 (SUPPL. 1), pp. 93-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7795789285&doi=10.1007%2Fb02569462&partnerID=40&md5=047489ee0f3cefaa43e825c24d4fbbe5
	Adamenko, I.N., Zhukov, A.V., Nemchenko, K.E.	Contribution of the interaction of the same-type particles to diffusion of classical and quantum mixtures (1996) Fizika Nizkikh Temperatur (Kharkov), 22 (12), pp. 1470-1473.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012640828&partnerID=40&md5=34718c13a91b547d6af1a4434b68dd06
	Adamenko, I.N., Chagovets, V.K., Chervanyov, A.I., Mikheev, V.A., Nemchenko, K.E. , Rudavskii, E.Ya., Sheshin, G.A., Tsyganok, V.I.	Nucleation and growth of the new phase in the supersaturated 3He-4He superfluid solutions (1994) Journal of Low Temperature Physics, 96 (5-6), pp. 295-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028501318&doi=10.1007%2Fb00754742&partnerID=40&md5=c21b2c66a39925ae06960e84671548b8
	Adamenko, I.N., Nemchenko, K.E. , Tsyganok, V.I.	The influence of 3He nucleation on acoustic and dielectric properties of 3He-4He superfluid oversaturated solutions (1994) Physica B: Physics of Condensed Matter, 194-196 (PART 1), pp. 869-870.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028759262&doi=10.1016%2F0921-4526%2894%2990764-1&partnerID=40&md5=530605f011bdff8a1fb29b7782619bc
	Adamenko, I.N., Nemchenko, K.E. , Tsyganok, V.I.	Kinetic theory of first sound in He II and 3He-4He superfluid mixtures (1992) Journal of Low Temperature Physics, 88 (1-2), pp. 15-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342944066&doi=10.1007%2Fb00122556&partnerID=40&md5=ef4f81b1e13fae317811626a3ea6eca8
	Adamenko, I.N., Nemchenko, K.E. , Tsyganok, V.I.	Dissipative processes and second sound in 3He-4He superfluid mixtures (1990) Journal of Low Temperature Physics, 81 (5-6), pp. 233-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2242418703&doi=10.1007%2Fb00682271&partnerID=40&md5=70a276f7e73c316fd06da81f162358fe
14	Girka, I.O. , Thumm, M.	Excitation of electromagnetic waves above the upper-hybrid frequency by internal gyrating electron beam in a coaxial waveguide (2017) IEEE Transactions on Plasma Science, 45 (4), art. no. 7875433, pp. 623-630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016497516&doi=10.1109%2Ftpps.2017.2671024&partnerID=40&md5=4d82ad34b326ddb4c771f776567f68b6
	Girka, I.O. , Omelchenko, I.V., Sydora, R.D.	Higher radial modes of azimuthal surface waves in cylindrical waveguides without external magnetic field (2017) Progress In Electromagnetics Research M, 54, pp. 1-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012225965&partnerID=40&md5=b530fb58202b251bbf8446bea583e97a
	Rudych, V.G., Azarenkov, M.O., Girka, I.O. , Rudych, Y.V., Shchus, O.P.	Contribution of radionuclides to heat release in the process of SNF dry storage (2017) Problems of Atomic Science and Technology, 108 (2), pp. 91-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019080636&partnerID=40&md5=744511e24ae4b64f70db8f63680d2add
	Girka, I.O. , Thumm, M.	Excitation of azimuthal surface waves in the electron cyclotron frequency range by a rotating electron beam in presence of dissipation (2016) Physics of Plasmas, 23 (12), art. no. 122124, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008145329&doi=10.1063%2F1.4972820&partnerID=40&md5=f571398e1dd8fb83b1adee6a15206f1d

	Girka, I.O. , Thumm, M.	Excitation of Azimuthal Surface Waves Above the Upper-Hybrid Frequency by External Relativistic Flows of Electrons in Coaxial Plasma-Vacuum Waveguide (2016) IEEE Transactions on Plasma Science, 44 (11), art. no. 7589971, pp. 2859-2866.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84998636428&doi=10.1109%2Ftpps.2016.2613903&partnerID=40&md5=db833e81f453065bbcd344563e2903
	Bizyukov, A.A., Girka, I.O. , Romashchenko, E.V.	Transport of a macroparticle in vacuum arc sheath (2016) IEEE Transactions on Plasma Science, 44 (7), art. no. 7486120, pp. 1050-1055.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973573011&doi=10.1109%2Ftpps.2016.2573284&partnerID=40&md5=8d590d2176eb17b682cc0df7228ed48d
	Girka, I.O. , Girka, V.O., Sydora, R.D., Thumm, M.	Instability of surface electron cyclotron TM-modes influenced by non-monochromatic alternating electric field (2016) Physics of Plasmas, 23 (6), art. no. 062106, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973897635&doi=10.1063%2F1.4953421&partnerID=40&md5=52f776bda061891150bb004171741373
	Rudychyev, V.G., Azarenkov, N.A., Girka, I.A. , Rudychyev, E.V.	Irradiation Dose Minimization by Optimizing the Arrangement of Radiation Sources of Different Intensity (2016) Atomic Energy, 119 (4), pp. 285-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953379085&doi=10.1007%2F10512-016-0061-7&partnerID=40&md5=c5ff36f7ec1e835af933cd2905eb6f7
	Rudychyev, V.G., Girka, I.O. , Rudychyev, Y.V.	Influence of certain radionuclides on outer radiation of spent nuclear fuel at dry storage (2016) Problems of Atomic Science and Technology, 105 (5), pp. 48-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994320299&partnerID=40&md5=cc4d90a95e31f4d245b6ad037c9dc5f2
	Bizyukov, A.A., Girka, I.O. , Romashchenko, E.V., Chibisov, O.D.	Macroparticles in beam-plasma systems (2016) Problems of Atomic Science and Technology, 106 (6), pp. 187-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007607422&partnerID=40&md5=409cd2e3dbfc3ae28410f87f3ee436f
	Girka, V.O., Girka, I.O. , Sydora, R.D., Ivahnenko, O., Shkoda, Y.	Parametric excitation of azimuthally non-symmetric surface waves propagating in metal waveguides filled with isotropic plasma (2015) Physica Scripta, 90 (6), art. no. 065605, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8493095269&doi=10.1088%2F0031-8949%2F90%2F6%2F065605&partnerID=40&md5=88946f16cd41f86590077e4d9cf2d996
	Bizyukov, A.A., Girka, I.A. , Romashchenko, E.V., Chibisov, A.D.	Charging of macroparticles in a high-voltage vacuum ARC sheath (2015) Problems of Atomic Science and Technology, 95 (1), pp. 246-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923166779&partnerID=40&md5=d95296997e94370168eabd10f120f2e
	Antufyev, O., Pavlenko, I., Girka, I.	Drift resonance and particle removal from helical plasma (2015) Problems of Atomic Science and Technology, 95 (1), pp. 12-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923165882&partnerID=40&md5=0ee0758d87064381e983f50d53cb1
	Girka, V.O., Girka, I.O. , Sydora, R.D.	Azimuthally non-symmetric surface waves propagating in metal waveguides filled with isotropic plasma (2015) Progress In Electromagnetics Research B, 61 (1), pp. 87-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922814247&doi=10.2528%2FPIERB14062902&partnerID=40&md5=adf0f1612803ac965f1ca649d62dbb17
	Rudychyev, V.G., Girka, I.O. , Rudychyev, Y.V., Kaplij, A.A., Shchus, O.P., Sokoltsova, T.O.	Change of radioactive waste characteristics at their processing and storage at nuclear power plants (2015) Problems of Atomic Science and Technology, 97 (3), pp. 83-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932165222&partnerID=40&md5=2bd8756d6ad9c1f2cd3d50a13538b19d
	Blednov, O., Girka, I. , Girka, V., Pavlenko, I., Sydora, R.	Excitation of the surface flute waves in electron cyclotron frequency range by internal rotating electron beam in a coaxial waveguide (2014) Physica Scripta, 89 (12), art. no. 125605, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920830278&doi=10.1088%2F0031-8949%2F89%2F12%2F125605&partnerID=40&md5=82b7ddedf278c21a0eb49615b27ba826
	Girka, V.O., Girka, I.O. , Kostenko, A.V., Pavlenko, I.V.	Excitation of azimuthal surface waves in toroidal waveguide by rotating electron beam at the range of electron cyclotron resonance (2014) Progress In Electromagnetics Research B, 57, pp. 267-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891804263&partnerID=40&md5=005fc09fa079a6ef84f7832d053ab63
	Misyura, I.M., Girka, I.O. , Gritsyna, V.T., Kazarinov, Y.G.	Changes in the composition and optical properties of Cu and Cu ₂ O nanofilms deposited on SiO ₂ substrates after annealing and bombardment by argon and hydrogen ions (2014) Journal of Surface Investigation, 8 (6), pp. 1339-1344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914159564&doi=10.1134%2FS1027451014040405&partnerID=40&md5=6d2da510be6d9dfca500077e0e8b62f4
	Pavlenko, I.V., Melnyk, D.A., Prokaieva, A.O., Girka, I.O.	Precision of a ftdt method to simulate cold magnetized plasmas (2014) Problems of Atomic Science and Technology, 94 (6), pp. 37-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918533378&partnerID=40&md5=af55b8d8d84814ee75ed6b3efc8ebe79
	Blednov, O.S., Girka, I.O. , Girka, V.O., Pavlenko, I.V.	Excitation of the azimuthal surface waves in electron cyclotron frequency range by rotating electron beam in a coaxial waveguide (2014) IEEE Transactions on Plasma Science, 42 (3), art. no. 6727518, pp. 735-741.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896459291&doi=10.1109%2Ftpps.2014.2300097&partnerID=40&md5=7c2b2553e0d7bbbd4bc2d2a51a86751
	Mysiura, I.N., Girka, I.A. , Azarenkov, N.A., Borgun, I.V., Hrechko, Y.O., Hryhorenko, A.V., Dimitrova, V.D., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	Features of electron beam evaporation under surface electron beam formation (2014) Problems of Atomic Science and Technology, 94 (6), pp. 149-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918494560&partnerID=40&md5=54a4fd0587869cb49db6a78f6a8c76c6
	Girka, V.O., Girka, I.O. , Pavlenko, I.V.	Excitation of high-frequency azimuthal surface waves by an annular electron beam in a waveguide with a noncircular interface of the plasma column (2013) Plasma Physics Reports, 39 (5), pp. 399-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875755861&doi=10.1134%2FS1063780X13050048&partnerID=40&md5=2e775f4ef757eeca1cb769b1dd87de7d
	Pavlenko, I.V., Girka, I.O. , Leviga, B.I.	Effect of the minority ions on the icrf heating of fusion plasmas (2012) Problems of Atomic Science and Technology, (6), pp. 43-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871756975&partnerID=40&md5=1a67367449514b35ca85fe37b67b2a86
	Girka, I.O. , Girka, V.O., Pavlenko, I.V.	Influence of the plasma column cross-section non-circularity on the excitation of the azimuthal surface waves in electron cyclotron frequency range by annular electron beam (2012) Progress In Electromagnetics Research M, 26, pp. 39-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867545271&partnerID=40&md5=010438bd8224af94f2fba115de86e332
	Mysiura, I.N., Girka, I.O. , Gritsyna, V.T.	Determination of chemical composition of implanted nanolayers by analysis of their optical properties (2012) Functional Materials, 19 (2), pp. 251-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863732458&partnerID=40&md5=bb59757bd3817023f0693bc2c129df4
	Zagorodny, A.G., Neklyudov, I.M., Azarenkov, M.O., Egorov, O.M., Stepanov, K.M., Karas', V.I., Voitsenya, V.S., Garkusha, I.Y., Girka, I.O. , Zasenkov, V.I., Pankratov, I.M.	Yevgen dmytrovykh volkov (2012) Ukrainian Journal of Physics, 57 (5), pp. 584-585.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861840705&partnerID=40&md5=f2e5bfa6970d2ee7308d994920f35431
	Girka, V., Girka, I. , Pavlenko, I., Girka, O., Girka, A.	Coupled azimuthal modes propagating in current-carrying plasma waveguides (2012) Journal of Plasma Physics, 78 (2), pp. 105-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857838541&doi=10.1017%2FS0022377811000468&partnerID=40&md5=06fb3303a3e12bb574c6ec184b641fa3
	Girka, V.O., Girka, I.O. , Pavlenko, I.V.	Possibility of excitation of azimuthal surface waves in a magnetized plasma by annular ion beams (2012) Technical Physics Letters, 38 (2), pp. 178-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858164436&doi=10.1134%2FS1063785012020241&partnerID=40&md5=60873a77af4f076e472fccda5844e038
	Girka, V.O., Girka, I.O. , Pavlenko, I.V.	Influence of the shape of the cross section of a plasma-dielectric interface on the dispersion properties of high-frequency azimuthal surface modes (2012) Plasma Physics Reports, 38 (2), pp. 126-137.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857600906&doi=10.1134%2FS1063785012010059&partnerID=40&md5=c94c6abd936db5daf77a84dd852e141
	Girka, I.O. , Girka, V.O., Pavlenko, I.V.	Excitation of ion azimuthal surface modes in a magnetized plasma by annular flow of light ions (2011) Progress In Electromagnetics Research M, 21, pp. 267-278.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871789907&doi=10.2528%2FPIERM11092205&partnerID=40&md5=db31fa42395993e0883935c7d8c2d028
	Girka, V.O., Girka, I.O. , Morgal, Y.I., Pavlenko, I.V.	Excitation of azimuthal surface modes by annular electron beams in the electron cyclotron frequency range (2011) Physica Scripta, 84 (2), art. no. 025505, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051700641&doi=10.1088%2F0031-8949%2F84%2F2%2F025505&partnerID=40&md5=056c23ad3d09b8426e45c3d8be4a5c91
	Girka, V.O., Girka, I.O. , Girka, A.V., Pavlenko, I.V.	Theory of azimuthal surface waves propagating in non-uniform waveguides (2011) Journal of Plasma Physics, 77 (4), pp. 493-519.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051698068&doi=10.1017%2FS0022377810000644&partnerID=40&md5=24c0b1737be6a87e4b8b72288f90a3eb

	Girka, V.O., Girka, I.O. , Pavlenko, I.V.	Excitation of azimuthal surface modes by relativistic flows of electrons in the high-frequency range (2011) Plasma Physics Reports, 37 (5), pp. 447-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957492219&doi=10.1134%2F1063780X11040052&partnerID=40&md5=48a0dea7cafc04b0932a13d1d9f22942
	Kazakov, Y.O., van Eester, D., Lerche, E., Pavlenko, I.V., Girka, I.O. , Weyssow, B.	Icrf heating of hydrogen plasmas with two mode conversion layers (2010) Problems of Atomic Science and Technology, (6), pp. 37-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650603925&partnerID=40&md5=f9f2936d3f29d54272955bc672b7cd4f
	Kazakov, Y.O., Pavlenko, I.V., Girka, I.O.	Propagation of the fast magnetosonic wave through the generalized budden barrier (2010) Problems of Atomic Science and Technology, (4), pp. 90-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149482456&partnerID=40&md5=623dde06734cd36353f307559b0e31d7
	Kazakov, Y.O., Pavlenko, I.V., Van Eester, D., Girka, I.O. , Weyssow, B.	Enhanced ICRF (ion cyclotron range of frequencies) mode conversion efficiency in plasmas with two mode conversion layers (2010) Plasma Physics and Controlled Fusion, 52 (11), art. no. 115006, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650007004&doi=10.1088%2F0741-3335%2F52%2F11%2F115006&partnerID=40&md5=f193c02309a169bbbde0b64ea9cf18e
	Girka, V.O., Girka, I.O. , Klyzhka, A.V., Pavlenko, I.V.	Surface ion cyclotron waves propagating across an external magnetic field (2009) AIP Conference Proceedings, 1187, pp. 613-616.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73549125010&doi=10.1063%2F1.3273826&partnerID=40&md5=b492492f2391cf2d11d7456bd9bbff87
	Kazakov, Ye.O., Pavlenko, I.V., Girka, I.O. , Weyssow, B.	Mode conversion study in plasmas with two ion-ion hybrid resonances (2009) AIP Conference Proceedings, 1187, pp. 617-620.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73449143893&doi=10.1063%2F1.3273827&partnerID=40&md5=077366970ed924f5594102e7bcb0c514
	Kazakov, Ye.O., Pavlenko, I.V., Girka, I.O. , Weyssow, B.	Fast alfvén wave propagation in multicomponent nonuniform plasmas (2008) Problems of Atomic Science and Technology, (4), pp. 99-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549246574&partnerID=40&md5=978819c501256ca06df5c4d7833531ba
	Kazakov, Y.O., Pavlenko, I.V., Girka, I.O. , Weyssow, B.	Fast wave mode conversion in multicomponent nonuniform plasmas (2008) Problems of Atomic Science and Technology, (6), pp. 49-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549264820&partnerID=40&md5=b34de2f3a444bd524a5c6dc49d853a4df
	Girka, I.O. , Girka, O.I., Girka, V.O., Pavlenko, I.V.	Azimuthal surface waves in toroidal magnetic traps (2008) Problems of Atomic Science and Technology, (6), pp. 64-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549261761&partnerID=40&md5=0be7f06fab08c52985c3d08991837f75
	Girka, O.I., Girka, V.O., Girka, I.O. , Pavlenko, I.V.	Coupled transverse modes of coaxial metal waveguides completely filled with magnetoactive current-carrying plasma (2008) Plasma Physics Reports, 34 (11), pp. 901-910.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-55849093971&doi=10.1134%2F1063780X08110032&partnerID=40&md5=cec4904ac505e13e58a7b85895d1b653
	Kazakov, Ye.O., Pavlenko, I.V., Weyssow, B., Girka, I.O.	Enhanced mode conversion in fusion discharges with large concentration of minority ions (2008) Ukrainian Journal of Physics, 53 (5), pp. 442-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49349107325&partnerID=40&md5=69d16724da8fb323adc91aab1d80aa66
	Girka, A.I., Girka, V.A., Girka, I.A. , Pavlenko, I.V.	Propagation of azimuthal waves along the surface of a metal current-carrying cylinder immersed into a magnetized plasma (2008) Radiophysics and Quantum Electronics, 51 (2), pp. 110-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49649087160&doi=10.1007%2F11141-008-9010-1&partnerID=40&md5=114dce2c1bc79a142e1f3cf7dfda311b
	Girka, A.I., Girka, V.A., Girka, I.A., Pavlenko, I.V.	Propagation of azimuthal waves in magnetoactive waveguides filled with a current-carrying plasma (2008) Technical Physics, 53 (7), pp. 905-912.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48849116097&doi=10.1134%2F1063784208070141&partnerID=40&md5=5ee064588904f7881f164c71a8fe04ba
	Kazakov, Ye.O., Pavlenko, I.V., Weyssow, B., Girka, I.O.	Effective fast wave mode conversion in deuterium plasmas with large hydrogen concentration (2007) 34th EPS Conference on Plasma Physics 2007, EPS 2007 - Europhysics Conference Abstracts, 31 (3), pp. 1629-1632.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873829198&partnerID=40&md5=f6f4cd4a86e5588d7fb08ed5c9466db5
	Girka, O.I., Girka, V.O., Girka, I.O. , Pavlenko, I.V.	Resonant effect of the noncircular shape of the plasma surface on the dispersion properties of extraordinary azimuthal surface modes in magnetoactive waveguides (2007) Plasma Physics Reports, 33 (7), pp. 543-552.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547467643&doi=10.1134%2F1063780X07070033&partnerID=40&md5=8ad06013c1e6686727f645540b47d37e
	Girka, O.I., Girka, V.O., Girka, I.O. , Pavlenko, I.V.	Effect of the shape of the cross section of a plasma-dielectric interface on the dispersion properties of azimuthal surface modes (2007) Plasma Physics Reports, 33 (2), pp. 91-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947417286&doi=10.1134%2F1063780X0702002X&partnerID=40&md5=690e229ac137ca9a24c430c0057593
	Girka, V.O., Girka, I.O.	Additional ECR heating of a radially inhomogeneous plasma via the absorption of satellite harmonics of the surface flute modes in a rippled magnetic field (2006) Plasma Physics Reports, 32 (12), pp. 1047-1051.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845796011&doi=10.1134%2F1063780X06120075&partnerID=40&md5=7b93eb35459d013866bdf3a8547f3db3
	Girka, V.O., Girka, I.O.	Surface flute modes in a rippled magnetic field (2006) Plasma Physics Reports, 32 (9), pp. 750-758.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749265321&doi=10.1134%2F1063780X06090054&partnerID=40&md5=c2d63a84ffe5cdc5b081fd172a88d2ff
	Girka, I.O.	The reversed effect of the electromagnetic wave spatial multimodality on Alfvén wave heating in a helical magnetic field (2006) Physica Scripta, 73 (5), art. no. 013, pp. 490-498.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745513308&doi=10.1088%2F0031-8949%2F73%2F5%2F013&partnerID=40&md5=1e75eb4df0b493b415cc4f9c9fe54633
	Girka, I.O. , Rutkevich, P.P.	Small-scale Alfvén waves localized near an extremum in the finite-amplitude perturbation of the radial plasma density profile (2003) Plasma Physics Reports, 29 (6), pp. 466-472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037660604&doi=10.1134%2F1.1582513&partnerID=40&md5=7dacfa48b99dfb2337f2d3e5371691c1
	Belyaev, N.R., Girka, I.O. , Gritsyna, V.T.	Effect of the periodic ripple in an axial confining magnetic field on the Alfvén heating of a cylindrical plasma (2003) Plasma Physics Reports, 29 (5), pp. 399-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038498111&doi=10.1134%2F1.1575310&partnerID=40&md5=3162a8a34a2dfefc54f0b1871eec8fe4
	Girka, I.O. , Lapshin, V.I., Schneider, R.	Resonant influence of helicity on Alfvén heating of plasma in stellarators (2003) Plasma Physics and Controlled Fusion, 45 (2), pp. 121-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037325233&doi=10.1088%2F0741-3335%2F45%2F2%2F04&partnerID=40&md5=3c802ae26960ce6cfa806c75c24ece8d
	Girka, V.O., Girka, I.O.	Asymmetric long-wavelength surface waves in magnetized plasma waveguides entirely filled with plasma (2002) Plasma Physics Reports, 28 (11), pp. 916-924.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036868578&doi=10.1134%2F1.1520285&partnerID=40&md5=9ebe6a18a55b0c0a71fc79bd2a829388
	Girka, I.O. , Lapshin, V.I.	Helicity resonant influence on the local Alfvén resonance structure in straight stellarators (2002) Journal of Plasma Physics, 68 (4), pp. 257-265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346903264&doi=10.1017%2F0022377802001927&partnerID=40&md5=17316e06df7fa28fd3cdec1e8f8855f
	Girka, I.O.	Fine structure of the local Alfvén resonances in cold plasma placed in bumpy magnetic field (2002) Contributions to Plasma Physics, 42 (5), pp. 476-497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036041915&doi=10.1002%2F1521-3986%28200208%2942%3a5%3c476%3a%3aAID-CTPP476%3e3.0.CO%3b2-W&partnerID=40&md5=fae16ae74b61e6d98a1a38960c93b321
	Girka, V.A., Girka, I.A.	Asymmetric long-wavelength surface modes of isotropic plasma waveguides (2002) Plasma Physics Reports, 28 (8), pp. 682-689.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036697651&doi=10.1134%2F1.1501325&partnerID=40&md5=21837db5e9658585774b05cdc1b70be8
	Girka, I.A.	Azimuthal surface waves at the plasma-metal boundary in a nonuniform toroidal magnetic field (2002) Technical Physics, 47 (7), pp. 845-850.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036021522&doi=10.1134%2F1.1495045&partnerID=40&md5=9cbd00ebdd58f0b9c58779d5957759c1
	Girka, V.O., Girka, I.O.	Effect of toroidal magnetic field variations on the spectra of azimuthal surface waves in metal waveguides entirely filled with plasma (2002) Plasma Physics Reports, 28 (3), pp. 190-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035995576&doi=10.1134%2F1.1458985&partnerID=40&md5=44fa7e42e7be9c5e95771f9236fd40b
	Girka, I.O.	Resonant influence of bumpy steady magnetic field ripples on the structure of the local Alfvén resonance (2001) Contributions to Plasma Physics, 41 (1), pp. 33-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035624885&partnerID=40&md5=754993121f124cce057de2059d93e7e

	Girka, I.A.	Transverse Magnetoplasma Surface Waves in a Rectangular Metal Waveguide Filled with Two Layers of n-Type Semiconductors (2001) Journal of Communications Technology and Electronics, 46 (12), pp. 1366-1373.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042261954&partnerID=40&md5=a440a6985253cb7c6d6f18c8cb72214a
	Girka, I.A.	Transverse magnetoplasma surface waves in a rectangular metal waveguide filled with two layers of n-type semiconductors (2001) Radiotekhnika i Elektronika, 46 (12), pp. 1481-1488.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035550224&partnerID=40&md5=9c2d3b34caed38b7d14c28d1c2f6dde
	Girka, V.O., Girka, I.O. , Pavlenko, I.V.	Electrodynamic model of the gas discharge sustained by azimuthal surface waves (2001) Contributions to Plasma Physics, 41 (4), pp. 393-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035536748&partnerID=40&md5=d583521a170d55cee21d139ee864d283
	Girka, I.A.	Splitting of the spectra of MHD waves and the structure of a satellite Alfvén resonance in a cold plasma in a strong axial magnetic field and a weak helical field (2000) Plasma Physics Reports, 26 (9), pp. 772-780.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034379254&partnerID=40&md5=e51135fb3f60937007603fb23f769b9
	Girka, I.A. , Kovtun, P.K.	Effect of the helical nonuniformity of the confining magnetic field on the MHD eigenmodes in straight stellarators (2000) Plasma Physics Reports, 26 (1), pp. 33-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034344127&partnerID=40&md5=54203577ee51d64dfb1899dcb92aa1
	Girka, I. , Lapshin, V.	Structure of the local Alfvén resonance in cylindrical plasmas placed into rippled magnetic field (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 710-712.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230959&partnerID=40&md5=38a0f0627d8d0608c938dd1b8acca2d0
	Girka, I.O. , Kovtun, P.K.	Influence of 3D inhomogeneity of external magnetic field on dispersion properties of low-frequency MHD waves in stellarator (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 652-654.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230725&partnerID=40&md5=c9194fa273a81bd74fb192db8c4e69a5
	Girka, I.A. , Kovtun, P.K.	Azimuthal surface waves in a magnetized plasma (1998) Technical Physics, 43 (12), pp. 1424-1427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032270518&doi=10.1134%2F1.1259217&partnerID=40&md5=d348191a699560379933faab084e4b60
	Girka, I.O. , Marushchenko, N.B., Pavlenko, I.V.	Numerical calculation of the electron distribution function with the goal of simulating a current drive (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 225-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230909&partnerID=40&md5=bea5fecf6a09f21bd1e44f88616b356
	Girka, I.A. , Lapshin, V.I., Stepanov, K.N.	Splitting of the spectra of MHD plasma oscillations in a rippled magnetic field (1998) Plasma Physics Reports, 24 (11), pp. 948-955.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032357616&partnerID=40&md5=921c75c2a62b7b19ef918cec68745107
	Girka, V.A., Girka, I.A. , Pavlenko, I.V.	Surface waves propagating in the direction transverse to the axis of magnetized plasma-filled waveguides with noncircular transverse cross sections (1997) Plasma Physics Reports, 23 (11), pp. 959-963.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039974391&partnerID=40&md5=5bbc14e585c8da776f8384eeb9e829db
	Girka, V.A., Girka, I.A.	Slowing of transverse surface waves in an isotropic plasma waveguide of noncircular cross section (1997) Technical Physics, 42 (7), pp. 803-808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2684445767&partnerID=40&md5=3fc3ea1e9f21db1cb2dec78a4c3c0b9
	Girka, V.O., Girka, I.O. , Pavlenko, I.V.	HF surface cyclotron waves in planar waveguide structures with non-uniform plasma filling (1997) Journal of Plasma Physics, 58 (PART 1), pp. 31-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031189033&partnerID=40&md5=7914785efa6dc37956a0f95e765b2824
	Girka, I.A.	Multipeak structure of the spectra of azimuthal surface waves in isotropic plasma waveguides with noncircular transverse cross sections (1997) Plasma Physics Reports, 23 (3), pp. 225-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031483593&partnerID=40&md5=8ef45d6dc6d110af3685977c1911aff8
	Girka, I.A. , Lapshin, V.I., Stepanov, K.N.	Plasma heating near satellite Alfvén resonances in stellarators (1997) Plasma Physics Reports, 23 (1), pp. 19-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031537991&partnerID=40&md5=f7faef2bab2f550d1ba102a872cde278
	Girka, I. , Girka, V.	Delaying of transverse surface waves in the isotropic plasma waveguide with the noncircular cross-section (1996) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 385-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030378896&partnerID=40&md5=56142de399435bdfad922e7d36092c6e
	Girka, V.O., Girka, I.O. , Kondratenko, A.M., Pavlenko, I.V.	Electron surface cyclotron waves in the metallic waveguide structures with two-component filling (1996) Contributions to Plasma Physics, 36 (6), pp. 679-686.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030351865&partnerID=40&md5=f0911e2d19b519a91710aa0efb70e20c
	Girka, V.A., Girka, I.A. , Tkachenko, V.I.	Excitation of azimuthal surface modes in cylindrical semiconductor structures with drift motion of the electron flux (1996) Technical Physics, 41 (4), pp. 357-360.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21344461664&partnerID=40&md5=504262cf96e1efeffa1d3be1407f33a1
	Girka, I.A. , Kovtun, P.K.	Azimuthal surface waves during plasma production in large tokamaks (1996) IEEE International Conference on Plasma Science, p. 248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029707383&partnerID=40&md5=2c3c669f51dd005fb687d2e0a5aa744f
	Girka, I.A.	Surface magnetoplasma waves in the rectangular cross-sectional metallic waveguide with uniform plasma filling (1994) IEEE International Conference on Plasma Science, p. 121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028755307&partnerID=40&md5=124cab1e0798edbac106948ea90fe73d
	Girka, I.A. , Zolotukhin, A.V.	Transverse surface magnetoplasma waves in rectangular metal waveguide filled with N-semiconductor (1994) Radiotekhnika i Elektronika, 39 (12), pp. 1961-1969.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028680543&partnerID=40&md5=80c3ad9d8e04312cd76b9b03b9d7cd4e
	Girka, V.A., Girka, I.A.	Emission of azimuthal surface waves from narrow waveguide slot (1992) Soviet journal of communications technology & electronics, 37 (9), pp. 32-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027069388&partnerID=40&md5=2e8f1e5d0bb41dbfebecd299e8bdbc9d
	Girka, V.A., Girka, I.A.	Coupled azimuthal surface waves in a nonuniform current-carrying plasma cylinder (1992) Soviet journal of communications technology & electronics, 37 (4), pp. 23-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026698427&partnerID=40&md5=57f0c4e9234d8464f67190f017eb36c
	Girka, I.A.	Coupled azimuthal surface waves in the inhomogeneous plasma cylinder with current (1991) Radiotekhnika i Elektronika, 36 (10), pp. 1997-2004.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026241193&partnerID=40&md5=801c4f9d7370b146bfde0a039db5602
	Girka, V.A., Girka, I.A.	Azimuthal surface waves in a nonuniform plasma cylinder (1991) Radiophysics and Quantum Electronics, 34 (4), pp. 324-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347882347&doi=10.1007%2FBF01080766&partnerID=40&md5=2173e33431157115d56afd2176df546
	Girka, V.A., Girka, I.A.	Azimuthal surface waves in inhomogeneous plasma cylinder (1991) Izvestiya VUZ: Radiofizika, 34 (4), pp. 386-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026143806&partnerID=40&md5=8bcd287f43c4f2a05ab14323f969c7dc
	Girka, V.A., Girka, I.A. , Kondratenko, A.N., Tkachenko, V.I.	Azimuthal surface modes of isotropic plasma waveguides (1989) Soviet journal of communications technology & electronics, 34 (15), pp. 103-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024886265&partnerID=40&md5=b22c74505de36f7ab856df355e5b4bb
	Girka, V.A., Girka, I.A. , Kondratenko, A.N., Tkachenko, V.I.	Azimuthal surface waves at the boundary between a magnetoactive plasma and a metal (1989) Soviet journal of communications technology & electronics, 34 (4), pp. 96-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024649830&partnerID=40&md5=714a69061e7434179b5e68246f2a9f65
	Girka, V.A., Girka, I.A. , Kondratenko, A.N., Tkachenko, V.I.	Azimuthal surface waves of magnetoactive plasma waveguides (1988) Soviet journal of communications technology & electronics, 33 (8), pp. 37-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024055385&partnerID=40&md5=46facfac62b2f8b7491553f4d15768b5
15	Danylenko, S.Y., Drushlyak, O.G., Kovalenko, S.S., Kovalenko, S.M.	Formation of 1-methyl[1,2,4]triazolo[4,3-a]quinazolin-5(4H)-ones by reaction of 2-hydrazinoquinazolin-4(3H)-ones with acetylacetone (2015) Heterocyclic Communications, 21 (4), pp. 195-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939160984&doi=10.1515%2Fhc-2015-0104&partnerID=40&md5=78b31990b6a882767e43045f340de18e
	Borisov, A.V., Kovalenko, S.S., Kovalenko, S.M.	Novel approach for the synthesis of N-unsubstituted 2,3,5,6-tetrahydro-4H-2,6-methano-1,3-benzoxazine-4-thiones (2015) Chemistry of Heterocyclic Compounds, 51 (7), pp. 678-681.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954025876&doi=10.1007%2Fs10593-015-1756-8&partnerID=40&md5=04caafe1cf90476230d26c00c5566cc

Krolenko, K.Yu., Silin, O.V., Vlasov, S.V., Zhuravel, I.O., Kovalenko, S.M.	An efficient synthesis of 1,3,7-triazaspiro[4.4]nonane-2,4-dione derivatives and antimicrobial activity thereof (2015) Chemistry of Heterocyclic Compounds, 51 (5), pp. 472-477.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943257884&doi=10.1007%2f10593-015-1721-6&partnerID=40&md5=830752953967fec8a8bf651efa41942
Nechayev, M.A., Gorobets, N.Y., Shishkina, S.V., Shishkin, O.V., Kovalenko, S.M.	Microwave-assisted acid-catalyzed nucleophilic heteroaromatic substitution: The synthesis of 7-amino-6-azaindoles (2015) Tetrahedron, 71 (8), pp. 1311-1321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922215223&doi=10.1016%2fj.tet.2014.12.057&partnerID=40&md5=7c9a7f19d83c077a04857b8593ccedcc
Kyrychenko, A., Korsun, O.M., Gubin, I.I., Kovalenko, S.M. , Kalugin, O.N.	Atomistic simulations of coating of silver nanoparticles with poly(vinylpyrrolidone) oligomers: Effect of oligomer chain length (2015) Journal of Physical Chemistry C, 119 (14), pp. 7888-7899.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&doi=10.1021%2fjp.5i10369a&partnerID=40&md5=47308ebdb73b4c10025dfc825b0c2a29
Vlasov, S.V., Kovalenko, S.M. , Chernykh, V.P., Krolenko, K.Y.	Synthesis of 5-methyl-4-thio-6-(1,3,4-oxadiazol-2-yl)thieno [2,3-d]pyrimidines and their antimicrobial activity study (2014) Journal of Chemical and Pharmaceutical Research, 6 (6), pp. 22-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907550479&partnerID=40&md5=b7062f5596d8260c1f2067ab082c3288
Vlasov, S.V., Borisov, A.V., Kovalenko, S.M. , Chernykh, V.P., Osolodchenko, T.P.	Synthesis and antimicrobial activity study of thieno [3,2-e] [1,2,4]triazolo [4,3-c]pyrimidin-3(2H)-one derivatives (2014) Journal of Chemical and Pharmaceutical Research, 6 (8), pp. 170-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907542923&partnerID=40&md5=08bce20d55035576dbfde3e473b1da89
Kovalenko, S.S., Kulikovskaya, K.Y., Drushlyak, O.G., Zhuravel, I.O., Kovalenko, S.M. , Chernykh, V.P.	A suitable synthesis of [1,2,4]triazolo-[4,3-a]pyrazin-8(7h)-one derivatives (2014) Chemistry of Heterocyclic Compounds, 50 (8), pp. 1147-1153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921938835&doi=10.1007%2f10593-014-1575-3&partnerID=40&md5=dfe8f30a1a961d98fa91cc1d61c94f07
Zaremba, O.V., Gorobets, N.Yu., Kovalenko, S.S., Drushlyak, O.G., Grevtsov, O.Yu., Kovalenko, S.M.	Facile one-pot synthesis of the pyrazolo[1,5-a]pyrazine scaffold (2013) Chemistry of Heterocyclic Compounds, 49 (6), pp. 915-921.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884769572&doi=10.1007%2f10593-013-1326-x&partnerID=40&md5=86225dbf18ba59d5b25d5f5844c10ba7
Borisov, A.V., Tolmachev, A.A., Zavada, O.A., Zhuravel, I.A., Kovalenko, S.N.	Synthesis of imidazo[1,2-a]pyrazine and imidazo[1,2-a]pyrimidine derivatives (2013) Chemistry of Heterocyclic Compounds, 49 (5), pp. 704-711.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882854756&doi=10.1007%2f10593-013-1301-6&partnerID=40&md5=7115800ff60ac9222f588b04edddad
Nechayev, M.A., Gorobets, N.Y., Kovalenko, S.M. , Tolmachev, A.A.	An efficient synthesis of 1-methyl-4,5,6,7-tetrahydro-1 H-pyrrolo[2,3-c]pyridine and its N6-substituted analogues (2013) Synthesis (Germany), 45 (7), art. no. SS-2012-T0878-OP, pp. 919-924.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875279025&doi=10.1055%2fsc-0032-1318346&partnerID=40&md5=61da19e25641c2e28369b4123c7b6574
Nechayev, M.A., Gorobets, N.Y., Borisov, A.V., Kovalenko, S.M. , Tolmachev, A.A.	The synthesis of low molecular weight pyrrolo[2,3-c]pyridine-7-one scaffold (2012) Molecular Diversity, 16 (4), pp. 749-757.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878022967&doi=10.1007%2f11030-012-9410-1&partnerID=40&md5=a12a5ad6259ec034c5c8d05d872e17e9a6
Kartel, M.T., Ivanov, L.V., Kovalenko, S.N. , Tereschenko, V.P.	Carbon nanotubes: Biorisks and biodefence (2011) NATO Science for Peace and Security Series A: Chemistry and Biology, pp. 11-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78751676627&doi=10.1007%2f978-94-007-0217-2-2&partnerID=40&md5=a9c027988c034c5c8d05d872e17e9a6
Makarevich, I.F., Kovalenko, S.N. , Ulesov, A.V.	Cardiotonic steroids with additional lactone rings (2010) Chemistry of Natural Compounds, 46 (5), pp. 742-745.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650045912&doi=10.1007%2f10600-010-9730-2&partnerID=40&md5=2d4e3991241d8740be9edec80fa3574
Chaban, V.V., Savchenko, T.I., Kovalenko, S.M. , Prezhdo, O.V.	Heat-driven release of a drug molecule from carbon nanotubes: A molecular dynamics study (2010) Journal of Physical Chemistry B, 114 (42), pp. 13481-13486.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958498552&doi=10.1021%2fjp.104507g&partnerID=40&md5=89116cd1107c9632136271fccc3abdc
Shynkarenko, P.E., Vlasov, S.V., Kovalenko, S.M. , Chernykh, V.P.	Recyclization of 2-iminocoumarin-3-carbonitriles with 2-aminothiobenzamide: A new synthetic route to substituted 2-(2-iminocoumarin-3-yl)quinazoline-4(3H)-thiones (2010) Journal of Sulfur Chemistry, 31 (5), pp. 447-456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7795799868&doi=10.1080%2f17415993.2010.509506&partnerID=40&md5=925d0304b62aed3fd31dece6121872a
Ivachtchenko, A.V., Golovina, E.S., Kadieva, M.G., Koryakova, A.G., Kovalenko, S.M. , Mitkin, O.D., Okun, I.M., Ravnayko, I.M., Tkachenko, S.E., Zaremba, O.V.	Synthesis and biological study of 3-(phenylsulfonyl)thieno[2,3-e][1,2,3]triazolo[1,5-a]pyrimidines as potent and selective serotonin 5-HT 6 receptor antagonists (2010) Bioorganic and Medicinal Chemistry, 18 (14), pp. 5282-5290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955326279&doi=10.1016%2fj.bmc.2010.05.051&partnerID=40&md5=e1fa42612b0610e5450a20af6667e29c
Ivachtchenko, A.V., Golovina, E.S., Kadieva, M.G., Koryakova, A.G., Kovalenko, S.M. , Mitkin, O.D., Okun, I.M., Ravnayko, I.M., Tkachenko, S.E., Zaremba, O.V.	Solution phase parallel synthesis of substituted 3-phenylsulfonyl-[1,2,3]triazolo[1,5-a]quinazolines: Selective serotonin 5-HT6 receptor antagonists (2010) Journal of Combinatorial Chemistry, 12 (4), pp. 445-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954544212&doi=10.1021%2fccc1000049&partnerID=40&md5=25596154f6d2fbdabaf0678ddc07989cc
Shynkarenko, P.E., Vlasov, S.V., Kovalenko, S.M. , Shishkina, S.V., Shishkin, O.V., Chernykh, V.P.	Convenient synthesis of substituted 2-(2-iminocoumarin-3-yl)-thieno[2,3-d]pyrimidin-4-ones (2010) Journal of Heterocyclic Chemistry, 47 (4), pp. 800-806.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954615830&doi=10.1002%2fjhet.2198&partnerID=40&md5=ed9946608a3364e4ce43d6861f0c53452
Gorobets, N.Yu., Sedash, Y.V., Ostras, K.S., Zaremba, O.V., Shishkina, S.V., Baumer, V.N., Shishkin, O.V., Kovalenko, S.M. , Desenko, S.M., Van der Eycken, E.V.	Unexpected alternative direction of a Biginelli-like multicomponent reaction with 3-amino-1,2,4-triazole as the urea component (2010) Tetrahedron Letters, 51 (16), pp. 2095-2098.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949491009&doi=10.1016%2fj.tetlet.2010.02.045&partnerID=40&md5=f529af223265e1e94b948c9d9a6b1f39
Borisov, A.V., Detistov, O.S., Pukhovaya, V.I., Zhuravel, I.O., Kovalenko, S.M.	Parallel liquid-Phase synthesis of 5-(1H-4-Pyrazolyl)-[1,2,4]oxadiazole libraries (2009) Journal of Combinatorial Chemistry, 11 (6), pp. 1023-1029.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449365106&doi=10.1021%2fccc900070m&partnerID=40&md5=96d4316b9cb1b900a79b080b6b096284
Palamarchuk, G.V., Borisov, O.V., Kovalenko, S.S., Chernykh, V.P., Kovalenko, S.M. , Baumer, V.N., Shishkin, O.V.	1-(8-Bromo-2-methyl-4-thioxo-3,4,5,6-tetra-hydro-2H-2,6-methano-1, 3-benzoxazocin-11-yl)ethanone (2009) Acta Crystallographica Section E: Structure Reports Online, 65 (3), pp. o461.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62149129731&doi=10.1107%2fS160053680900347X&partnerID=40&md5=8a2bf3212169589b2d41bded0a9ed431
Kovalenko, S.M. , Vlasov, S.V., Silin, O.V., Chernykh, V.P.	Recyclization of 2-imino-2H-1-benzopyrans under the action of nucleophilic reagents: The novel approach for 2-(coumarin-3-yl)-3H-quinazolin-4-thiones (2009) Journal of Sulfur Chemistry, 30 (1), pp. 53-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61649099283&doi=10.1080%2f17415990802455795&partnerID=40&md5=ef9de0f63d95b51dbab48758aad07bdb
Makarevich, I.F., Kovalenko, S.N. , Gusarova, T.D., Gubin, Yu.I.	Iridoids from Symphoricarpos albus (2009) Chemistry of Natural Compounds, 45 (1), pp. 40-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64749093371&doi=10.1007%2f10600-009-9257-6&partnerID=40&md5=681b52279d998afcaee29e00a104f676
Shishkina, S.V., Shishkin, O.V., Vlasenko, Y.D., Parkhomenko, O.O., Kovalenko, S.M.	2,3,4,6,7,8,9,10-Octahydropyrimido[1,2-a]azepin-1-ium 2-cyano-1-(2,6-dimethylanilino)-2-(phenylsulfonyl)ethenethiolate (2008) Acta Crystallographica Section E: Structure Reports Online, 64 (1), pp. o255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37849026418&doi=10.1107%2fS1600536807065518&partnerID=40&md5=f7e7401e20247b51ac25aa7103853f66
Zhuravel, I.O., Kovalenko, S.M. , Zaremba, O.V., Detistov, O.S., Kovalenko, S.S., Chernykh, V.P.	Synthesis of 5-hydroxymethyl-8-methyl-3-(3-aryl-1,2,4-oxadiazol-5-yl)-2H-pyranol[2,3-c]pyridin-2-ones and their esters (2008) Synthetic Communications, 38 (21), pp. 3778-3784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54049134756&doi=10.1080%2f00397910802219445&partnerID=40&md5=0972673cebe637599f64bc39a691d326
Konovalova, I.S., Zaremba, O.V., Kovalenko, S.S., Chernykh, V.P., Kovalenko, S.M. , Baumer, V.N., Shishkin, O.V.	Ethyl 6-eth-oxy-10-(3-methoxy-prop-yl)-9-methyl-11-thioxo-8-oxa-10,12-diaza-tricyclo-[7.3.1.02,7]trideca-2,4,6-triene-13-carboxyl-ate (2007) Acta Crystallographica Section E: Structure Reports Online, 63 (12), pp. o4906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36849044200&doi=10.1107%2fS1600536807061247&partnerID=40&md5=c50ce87cdf69b4618406feddcbb3f8ef
Borisov, A.V., Gorobets, N.Yu., Yermolayev, S.A., Zhuravel, I.O., Kovalenko, S.M. , Desenko, S.M.	One-pot microwave-assisted synthesis of a benzopyrano[2,3-c]pyrazol-3(2H)-one library (2007) Journal of Combinatorial Chemistry, 9 (6), pp. 909-911.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36649029101&doi=10.1021%2fccc700090c&partnerID=40&md5=70ca0ea4fcb617d2bdc06851ec193735
Kovalenko, S.M. , Vlasov, S.V., Chernykh, V.P.	Synthesis of 5-methyl-4-oxo-2-(coumarin-3-yl)-N-aryl-3,4-dihydrothieno[2,3-d]pyrimidine-6-carboxamides (2007) Heteroatom Chemistry, 18 (4), pp. 341-346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249825182&doi=10.1002%2fhc.20303&partnerID=40&md5=908258d37cd0dd53af10d57b2a3442a
Konovalova, I.S., Baumer, V.N., Shishkin, O.V., Vlasenko, Yu.D., Parkhomenko, O.O., Kovalenko, S.M.	[3-Amino-5-(3,5-dimethylanilino)-4-phenylsulfonyl-2-thienyl]phenylmethanone (2007) Acta Crystallographica Section E: Structure Reports Online, 63 (6), pp. o3011.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250198673&doi=10.1107%2fS160053680702377X&partnerID=40&md5=f38d740d743dfc38f5058d859a90b712

	Dzhavakhishvili, S.G., Borisov, A.V., Nikitchenko, V.M., Kovalenko, S.N.	Features of the reaction of unsymmetrical 2-mercapto-imidazoles with aromatic and aliphatic ketones (2007) Chemistry of Heterocyclic Compounds, 43 (1), pp. 98-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247607369&doi=10.1007%2F10593-007-0015-z&partnerID=40&md5=d174dbbe9901b5a860506cbe3719be1
	Il'chenko, O.V., Zaremba, O.V., Kovalenko, S.M. , Sherakov, A.A., Chernykh, V.P.	Synthesis of 3-substituted 2-thioxo-2,3-dihydro-1H-benzofuro[3,2-d] pyrimidin-4(1H)-ones (2007) Synthetic Communications, 37 (15), pp. 2559-2568.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547924114&doi=10.1080%2F0397910710462831&partnerID=40&md5=75fd0234a4c47589f0d704b416711ba6
	Borisov, A.V., Dzhavakhishvili, S.G., Zhuravel, I.O., Kovalenko, S.M. , Nikitchenko, V.M.	Parallel liquid-phase synthesis of benzopyrano[2,3-d]pyrimidine libraries (2007) Journal of Combinatorial Chemistry, 9 (1), pp. 5-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846602746&doi=10.1021%2Fcc060103z&partnerID=40&md5=78352f52aa008ff7b5e8f411ea22718
	Savchenko, T.I., Silin, O.V., Kovalenko, S.M. , Musatov, V.I., Nikitchenko, V.M., Ivachtchenko, A.V.	Alkylation of 3-phenyl-1H-pyrazolo[4,3-c] quinoline: Theoretical analysis of regioselectivity (2007) Synthetic Communications, 37 (8), pp. 1321-1330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247144171&doi=10.1080%2F0397910710227077&partnerID=40&md5=c73ddc99aa3684da58bfa6ff422d674
	Zhuravel, I.O., Kovalenko, S.S., Silin, O.V., Kovalenko, S.M.	Synthesis of new 3-substituted derivatives of 7-azacoumarins (2006) Heterocyclic Communications, 12 (6), pp. 477-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751213076&partnerID=40&md5=01127b4b990028f81cc2ccc88d93d4d6
	Kovalenko, S.M. , Vlasov, S.V., Chernykh, V.P.	Recyclization of 2-imino-2H-1-benzopyrans with nucleophilic reagents - Reaction of 2-iminocoumarin-3-carboxamides with 2-aminothiophene-3-carboxamides (2006) Synthesis, (5), pp. 847-852.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644905623&doi=10.1055%2Fst-2006-926333&partnerID=40&md5=6a2c182446b148d1b9a2152b22fcfa42
	Zhuravel, I.O., Kovalenko, S.M. , Ivachtchenko, A.V., Balakin, K.V., Kazmirschuk, V.V.	Synthesis and antimicrobial activity of 5-hydroxymethyl- 8-methyl-2-(N-arylimino)-pyrano[2,3-c]pyridine-3-(N-aryl)-carboxamides (2005) Bioorganic and Medicinal Chemistry Letters, 15 (24), pp. 5483-5487.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644484537&doi=10.1016%2Fj.bmcl.2005.08.081&partnerID=40&md5=e5605425c4f315f94159ef7975c8a0
	Zhuravel, I.O., Kovalenko, S.M. , Ivachtchenko, A.V., Chernykh, V.P., Shinkarenko, P.E.	Convenient synthesis of substituted 5-(hydroxymethyl)-8-methyl-3-(4-phenylquinazolin-2-yl)-2H-pyrano [2,3-c]pyridin-2-ones (2005) Synthetic Communications, 35 (12), pp. 1641-1647.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21044432701&doi=10.1081%2FSCC-200061638&partnerID=40&md5=4c92ef719603a0dd52c4e29fc99c4fe2
	Zhuravel, I.O., Kovalenko, S.M. , Vlasov, S.V., Chernykh, V.P.	Solution-phase synthesis of a combinatorial library of 3-[4-(coumarin-3-yl)-1,3-thiazol-2-ylcarbamoyl]propanoic acid amides (2005) Molecules, 10 (2), pp. 444-456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18244391461&partnerID=40&md5=005594132b960c6586c74b22ce2c87e
	Rusanova, S.V., Zhuravel, I.A., Kovalenko, S.N., Chernykh, V.P., Baumer, V.N.	Recyclization of 2-iminocoumarins using nucleophilic reagents. 6. Reaction of 2-iminocoumarin-3-carboxamides with 2-amino benzophenones (2004) Chemistry of Heterocyclic Compounds, 40 (10), pp. 1323-1331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14944342713&doi=10.1007%2F10593-005-0012-z&partnerID=40&md5=41822b9818a2749c58483b526913cdf0
	Baumer, V.N., Kovalenko, S.M. , Sytnik, K.M., Chernykh, V.P.	6-Hexyl-7-hydroxy-3-(3-phenyl-1H-1,2,4-triazol-5-yl)-2H-chromen-2-one monohydrate (2004) Acta Crystallographica Section E: Structure Reports Online, 60 (8), pp. o1417-o1418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444401448&doi=10.1107%2FIS1600536804018082&partnerID=40&md5=a46cfa47308d5beac9830729a57be9f
	Silin, O.V., Savchenko, T.I., Kovalenko, S.M. , Nikitchenko, V.M., Ivachtchenko, A.V.	Synthesis of 5H-pyrazolo[4,3-c]quinolines (2004) Heterocycles, 63 (8), pp. 1883-1890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4043079107&partnerID=40&md5=a3e38d0bb79b1df9fe0626c20065a64d
	Fry, J.R., Hammond, A.H., Jassi, K.L., Bass, A.E., Bruce, G., Laughton, C., Shaw, P.N., Bylov, I.E., Kovalenko, S.M.	Selectivity of 7-alkoxycoumarins as probe substrates for rat hepatic cytochrome P450 forms is influenced by the substitution pattern on the coumarin nucleus (2004) Xenobiotica, 34 (8), pp. 707-722.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8444232827&doi=10.1080%2F00498250400034363&partnerID=40&md5=fb1f3f2ddcfb0b1b4c94aace8b37bd
	Ivachtchenko, A., Kovalenko, S. , Tkachenko, O.V., Parkhomenko, O.	Synthesis of substituted thienopyrimidine-4-ones (2004) Journal of Combinatorial Chemistry, 6 (4), pp. 573-583.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4143052642&doi=10.1021%2Fcc049946l&partnerID=40&md5=03d6a4e4dcbf9ad49e7fc2f4ce8903ed
	Zhuravel, I.O., Kovalenko, S.M. , Ivachtchenko, A.V., Chernykh, V.P., Shinkarenko, P.E.	Synthesis of substituted 3-(5-amino-[1,3,4]thiadiazol-2-yl)-2H-pyrano[2,3-c]pyridin-2-ones (2004) Journal of Heterocyclic Chemistry, 41 (4), pp. 517-524.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344615958&partnerID=40&md5=a398ee61d7c476a378f14b4db7387caf
	Bolotov, V.V., Kovalenko, S.N. , Kovaleva, S.V., Stepanenko, V.I.	Condensation of ethyl 2-oxindoline-3-glyoxylate with 6-aminophenol and o-phenylenediamine (2004) Chemistry of Heterocyclic Compounds, 40 (2), pp. 211-213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342913126&doi=10.1023%2FB3a3COHC.0000027894.55256.81&partnerID=40&md5=8fd87d5fae3023835fe4a72b627876d
	Kovalenko, S.M. , Baumer, V.N., Zhuravel, I.O., Chernykh, V.P.	{3-[(4-Chloroanilino)carbonyl]-2-[(3,4-dichlorophenyl)imino] -8-methyl-2H-pyrano[2,3-c]pyridin-5-yl)methyl acetate (2004) Acta Crystallographica Section E: Structure Reports Online, 60 (2), pp. o187-o189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444385668&doi=10.1107%2FIS1600536804000078&partnerID=40&md5=fcd9a9154516cf655368e1d198e1e1c3
	Baumer, V.N., Silin, O.V., Savchenko, T.I., Nikitchenko, V.M., Kovalenko, S.M.	5-Benzyl-7,9-dimethoxy-3-phenyl-5H-pyrazolo[4,3-c]quinolin-1-ium chloride acetic acid solvate (2004) Acta Crystallographica Section E: Structure Reports Online, 60 (2), pp. o294-o296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1844409636&doi=10.1107%2FIS1600536804001606&partnerID=40&md5=1fd779e2402a19a8981a77b67f5ab0d3
	Ivachtchenko, A.V., Kovalenko, S.M. , Drushlyak, O.G.	Synthesis of Substituted 4-Oxo-2-thioxo-1,2,3,4-tetrahydroquinazolines and 4-Oxo-3,4-dihydroquinazoline-2-thioles (2003) Journal of Combinatorial Chemistry, 5 (6), pp. 775-788.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344688317&doi=10.1021%2Fcc020097g&partnerID=40&md5=f233fcbf57548c50f29e7aa7fce118
	Gorobets, N.Yu., Borisov, A.V., Silin, A.V., Nikitchenko, V.M., Kovalenko, S.N.	Reactions of 3-(4-aryl-2-thiazolyl)- and 3-(2-benzothiazolyl)-2-iminocoumarins with N-nucleophiles (2002) Chemistry of Heterocyclic Compounds, 38 (11), pp. 1389-1396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036874430&doi=10.1023%2FA93a102142812756&partnerID=40&md5=db808eb3c1b5fc7dd10f4c27e7531c70
	Kovalenko, S.M. , Chernykh, V.P., Baumer, V.M., Kovalenko, S.S.	Multi-component reactions of aldehydes, amines, and ketones I. Synthesis and crystal structure elucidation of a novel product of condensation of salicylaldehyde, 1-methyl-4-piperidone, and methylamine (2002) Monatshefte für Chemie, 133 (5), pp. 673-678.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57249088491&doi=10.1007%2F007060200040&partnerID=40&md5=9f778fc37943c8ac8b1b20068b0926d
	Ivachtchenko, A., Kovalenko, S. , Parkhomenko, O., Chernykh, V.	Synthesis of 3-aryl-5-R-thio-[1,3]thiazolo[4',5':4,5]pyrimido-[1,6-a]benzimidazole-2(3H)-thiones (2002) Heterocyclic Communications, 8 (4), pp. 329-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036412169&partnerID=40&md5=cbb71a8f3e94da6addbe315f35ce47cf
	Ivachtchenko, A., Kovalenko, S. , Drushlyak, O.	Synthesis of benzimidazo[1,2-c]quinazoline-6(5H)-thiones (2002) Heterocyclic Communications, 8 (3), pp. 233-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036025102&partnerID=40&md5=140ccdb759d3e0c6c6143a709adaff2
	Gorobets, N.Yu., Borisov, A.V., Silin, A.V., Nikitchenko, V.M., Kovalenko, S.M.	3-(4-Arylthiazolyl-2)- and 3-(benzothiazolyl-2)-2-iminocoumarins in reactions with N-nucleophiles (2002) Khimiya Geterotsiklicheskikh Soedinenii, (11), pp. 1573-1581.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038778463&partnerID=40&md5=e6611f54c7228e0a6ca7e20fe779fc42
	Doroshenko, A.O., Posokhov, E.A., Sytnik, K.M., Kovalenko, S.N.	Intramolecular phototransfer of proton and quenching of fluorescence of 5-(o-hydroxyphenyl)-2-(coumarinyl-3)-1,3,4-oxadiazole derivatives (2001) Khimiya Geterotsiklicheskikh Soedinenii, (5), pp. 686-698.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243648624&partnerID=40&md5=b793a1713d18dee0bf68e75952abb72e
	Doroshenko, A.O., Posokhov, E.A., Sytnik, K.M., Kovalenko, S.N.	Intramolecular phototransfer of protons and the quenching of fluorescence of derivatives of 2-(coumarinyl-3)-5-(ortho-hydroxyphenyl)-1,3,4-oxadiazole (2001) Chemistry of Heterocyclic Compounds, 37 (5), pp. 633-644.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347238209&doi=10.1023%2FA93a1011621025169&partnerID=40&md5=8ae12844feb691493a69c4e9d2050b04
	Bilokin, Y.V., Kovalenko, S.M.	Solution and solid-phase approaches to quinoxaline and fluquinonazole - Inhibitors of fungal ergosterol biosynthesis (2000) Heterocyclic Communications, 6 (5), pp. 409-414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034565982&partnerID=40&md5=cb47acb16c2643cb9b13eabd7a9615c
	Kovalenko, S.M. , Bylov, I.E., Sytnik, K.M., Chernykh, V.P., Bilokin, Y.V.	A new pathway to 3-hetaryl-2-oxo-2H-chromenes: On the proposed mechanisms for the reaction of 3-carbamoyl-2-iminochromenes with dinucleophiles (2000) Molecules, 5 (10), pp. 1146-1165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342973622&partnerID=40&md5=fc02b5df2357b2e15704a2061657abb
	Kovalenko, S.N. , Bylov, I.E., Belokon', Ya.V., Chernykh, V.P.	Recyclization of 2-imino-2H-1-benzopyrans under the action of nucleophilic reagents. 5. Interaction of 2-iminocoumarin-3-carboxamide with anthranilic acid and its derivatives (2000) Chemistry of Heterocyclic Compounds, 36 (9), pp. 1026-1031.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034285475&doi=10.1023%2FA93a1002773613250&partnerID=40&md5=f46ceb951fb5bba90c0a6360218900ff
	Kovalenko, S.N. , Baumer, V.N., Rusanova, S.V., Chernykh, V.P.	Two crystal modifications for the product of the acetylation of 2-N-(2-fluorophenyl)iminocoumarin-3-carboxamide (1999) Zeitschrift für Kristallographie, 214 (9), pp. 580-583.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444362883&partnerID=40&md5=6833de02777a147e53fb7f73886e6f2e

Bylov, I.E., Bilokin, Y.V., Kovalenko, S.M.	Specific features of reactions of 2-aminobenzotrifluoride and anthranilates with ethyl cyanoacetate - Expeditious routes to 3-substituted 4-amino- and 4-hydroxyquinolin-2(1h)-ones (1999) Heterocyclic Communications, 5 (3), pp. 281-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033447724&partnerID=40&md5=9b8bd2c86d06d359255aae8771043824
Vasylyev, M.V., Bilokin, Y.V., Branytska, O.V., Kovalenko, S.M. , Chernykh, V.P.	A facile method for synthesis of heterocycles containing tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidine and coumarin moieties (1999) Heterocyclic Communications, 5 (3), pp. 241-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033412565&partnerID=40&md5=b44db88be4a36b59cd68ceac389596
Bilokin, Y.V., Vasylyev, M.V., Branytska, O.V., Kovalenko, S.M. , Chernykh, V.P.	A novel and expedient approach to new heterocycles containing benzothiophene, benzothieno[2,3-d]pyrimidine and coumarin moieties (1999) Tetrahedron, 55 (48), pp. 13757-13766.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033607544&doi=10.1016%2FS0040-4020%2899%2900859-5&partnerID=40&md5=12bc51d38ef29dda7b572e237455eae4
Kovalenko, S.N. , Sytnik, K.M., Nikitchenko, V.M., Rusanova, S.V., Chernykh, V.P., Porokhnyak, A.O.	Recyclization of 2-imino-2H-1-benzopyrans by the action of nucleophilic reagents 4. Use of 2-(N-aroilyldrazono)coumarin-3-carboxamides for the synthesis of 3-(1,3,4-oxadiazol-2-yl)coumarins (1999) Chemistry of Heterocyclic Compounds, 35 (2), pp. 167-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3843070673&partnerID=40&md5=a2f31f0ea70a0f7774505b3ec730d508
Bilokin, Y.V., Kovalenko, S.N. , Chernykh, V.P.	Stereoselective synthesis and structure determination of a new 2-methyl-4-oxo-2,6-methon-3,4,5,6,-tetrahydro-2H-1,3-benzoxazocine-5- thiocarboxamide (1998) Heterocyclic Communications, 4 (2), pp. 169-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032388959&partnerID=40&md5=3c9390eeba705b463313afce259a11e7
Bilokin, Y.V., Kovalenko, S.N. , Bylov, I.E., Chernykh, V.P.	Rearrangements of 2-imino-2H-1-benzopyran-3-carboxamides under action of anthranilic acid as N-nucleophile (1998) Heterocyclic Communications, 4 (3), pp. 257-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032367701&partnerID=40&md5=1962d71a11d3b34b8ab13195dcab3019
Kovalenko, S.N. , Orlenko, I.V., Bilokin, Y.V., Doroshenko, A.O., Posokhov, E.A., Chernykh, V.P.	Cyclic systems containing coumarin unit. 3. Studies on condensations of 3-acetyl coumarins with ammonium acetate. A facile synthesis and spectral-luminescent properties of 4-methyl-2-(2-oxo-2H-1-benzopyran-3-yl)[1]benzopyrano[3,4-c]pyridin-5-ones (1998) Heterocyclic Communications, 4 (5), pp. 467-472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032265602&partnerID=40&md5=51bd83fe0a48848fd4a67aba0dc27bf4
Kovalenko, S.N. , Vasil'ev, M.V., Sorokina, I.V., Chernykh, V.P., Turov, A.V., Rudnev, S.A.	Recyclization of 2-imino-2H-1-benzopyrans using nucleophilic reagents 3. Reaction of 2-iminocoumarin-3-carboxamides with o-phenylenediamines and o-amino(thio)phenols (1998) Chemistry of Heterocyclic Compounds, 34 (12), pp. 1412-1415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344685212&partnerID=40&md5=3f1ca6f17d777c3153d32641981a5e2
Kovalenko, S.N. , Chernykh, V.P., Shkarlat, A.E., Ukrainets, I.V., Gridasov, V.I., Rudnev, S.A.	Recyclization of 2-imino-2H-1-benzopyrans under the influence of nucleophilic reagents. 2. Reaction of 2-iminocoumarin-3-carboxamides with o-aminobenzenesulfonamide (1998) Chemistry of Heterocyclic Compounds, 34 (7), pp. 791-795.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3843096871&partnerID=40&md5=ab71b0d8776e54a50fb597027863e3f5
Belokon, Ya.V., Kovalenko, S.N. , Silin, A.V., Nikitchenko, V.M.	Cyclic systems containing coumarin unit. 1. Synthesis of 3-(2-R-thiazolyl-4)- and 3-(4-R-thiazolyl-2)coumarins (1997) Khimiya Geterotsiklicheskikh Soedinenii, (10), pp. 1345-1355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4244020803&partnerID=40&md5=8d3a54e8f6e9954e532b76963d1fe48c
Doroshenko, A.O., Posokhov, E.A., Belokon, Ya.V., Kovalenko, S.N. , Ivanov, V.V., Ponomarev, O.A.	Cyclic systems containing coumarin unit. 2. Spectral-luminescent properties and spin-orbital interaction in molecules of 3-(2-R-thiazolyl-4)- and 3-(4-R-thiazolyl-2)coumarins (1997) Khimiya Geterotsiklicheskikh Soedinenii, (10), pp. 1356-1363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543004383&partnerID=40&md5=b5beb323551e718c9f153889eee55e
Doroshenko, A.O., Ivanov, V.V., Kovalenko, S.N. , Zhuravel', I.A., Yarmolenko, S.N., Ponomarev, O.A.	Solvatofluorochromin and quenching of 3-(2'-aminothiazolyl-4')-coumarin fluorescence in polar media (1997) Chemical Physics Reports, 16 (11), pp. 1973-1980.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444249674&partnerID=40&md5=489b3d96c7dc0e6a87d2106eb38561e4
Belokon', Ya.V., Kovalenko, S.N. , Silin, A.V., Nikitchenko, V.M.	Ensembles of rings with a coumarin unit. 1. Synthesis of 3-(2-R-thiazol-4-yl)- and 3-(4-R-thiazol-2-yl)coumarins (1997) Chemistry of Heterocyclic Compounds, 33 (10), pp. 1167-1176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544471881&partnerID=40&md5=40d759cbe9616c58668ba83db8ecf5
Doroshenko, A.O., Posokhov, E.A., Belokon', Ya.V., Kovalenko, S.N. , Ivanov, V.V., Ponomarev, O.A.	Ensembles of rings with a coumarin unit. 2. Spectral luminescent properties and spin-orbit coupling in molecules of 3-(2-R-thiazol-4-yl)- and 3-(4-R-thiazol-2-yl)coumarins (1997) Chemistry of Heterocyclic Compounds, 33 (10), pp. 1177-1184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544448681&partnerID=40&md5=d5314f97d765486a258fcbde09f13b85
Kovalenko, S.N. , Zubkov, V.A., Chernykh, V.P., Turov, A.V., Ivkov, S.M.	Recyclization of 2-imino-2H-1-benzopyrans under the influence of nucleophilic reagents. 1. New approach to the synthesis of 3-(1,3,4-oxadi-, thiadi-, and triazolyl-2)coumarins (1996) Chemistry of Heterocyclic Compounds, 32 (2), pp. 163-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3843101245&partnerID=40&md5=8439d205233fc162f1cb54dfc0c65552
Kovalenko, S.N. , Zubkov, V.A., Chernykh, V.P., Turov, A.V., Ivkov, S.M.	Recyclization of 2-imino-2H-1-benzopyrans under the action of nucleophilic reagents. 1. New approach to synthesis of 3-(1,3,4-oxadi-, thiadi- And triazolyl-2)coumarins (1996) Khimiya Geterotsiklicheskikh Soedinenii, (2), pp. 186-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3843089175&partnerID=40&md5=eb9de3c03e7908159103869e2da112bf
Ukrainets, I.V., Taran, S.G., Gorokhova, O.V., Marusenko, N.A., Kovalenko, S.N. , Turov, A.V., Filimonova, N.I., Ivkov, S.M.	4-Hydroxy-2-quinolones. 20.* Synthesis and chemical conversions of ehtyl esters of the chloro-substituted quinoline-3-carboxylic acids (1995) Chemistry of Heterocyclic Compounds, 31 (2), pp. 167-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3424975345&doi=10.1007%2FBF01169674&partnerID=40&md5=74767afeea442f9ea7aefc049c0e7b6
Nesterov, V.N., Struchkov, Yu.T., Kovalenko, S.N. , Sharanin, Yu.A., Zhuravel, I.A.	Structure of 3-(2-aminothiazol-4-yl)coumarin (1995) Russian Chemical Bulletin, 44 (3), pp. 475-477.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844526425&doi=10.1007%2FBF00702391&partnerID=40&md5=b8a26f57187180c45d2724dfcbf05e00
Zubkov, V.A., Kovalenko, S.N. , Chernykh, V.P., Ivkov, S.M.	New derivatives of coumarin: 2-(N-R-imino)-2H-1-benzopyrans (1994) Chemistry of Heterocyclic Compounds, 30 (6), pp. 665-670.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3843150177&doi=10.1007%2FBF01166306&partnerID=40&md5=e856240db106cd361c4e2ce4d556b982
Ukrainets, I.V., Taran, S.G., Bezuglyi, P.A., Kovalenko, S.N. , Turov, A.V., Marusenko, N.A.	4-hydroxy-2-quinolones. 18. Synthesis and antithyroid activity of 1-R-2-oxo-3-(4-oxo-3H-quinazoln-2-yl)-4-hydroxyquinolines (1993) Chemistry of Heterocyclic Compounds, 29 (9), pp. 1044-1047.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250075697&doi=10.1007%2FBF00534390&partnerID=40&md5=f38e49b86a44963284a82e16a2d31cc
Kovalenko, S.N. , Stepanian, S.G., Chuev, V.P., Asimov, M.M., Nikitchenko, V.M., Chernykh, V.P.	Modelling of formation processes of inclusion complexes of coumarin laser dyes and β -cyclodextrin by the MM2 force field method. I. 7-Amino-4-methylcoumarins (1992) Molecular Engineering, 2 (2), pp. 153-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-9844248789&doi=10.1007%2FBF0099706&partnerID=40&md5=5da2c7433720c22bbcaf075f660b21d
Chuev, V.P., Kameneva, O.D., Nikitchenko, V.M., Asimov, M.M., Kovalenko, S.N.	Modification of properties of aminocoumarins by complexation with β -cyclodextrin in a solid phase (1992) Journal of Applied Spectroscopy, 57 (3), pp. 717-722.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250083821&doi=10.1007%2FBF00661491&partnerID=40&md5=bd69310c0a06c64267f74a5515388dee
Dyadusha, G.G., Kovalenko, S.N. , Chuev, V.P., Nikitchenko, V.M.	A comparative study of intramolecular interaction of chromophores in dicarbonium ions, containing biphenyl or biphenylene bridge structure (1991) Ukrainskii Khimicheskii Zhurnal, 57 (11), pp. 1161-1166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026256280&partnerID=40&md5=4bb688dd866b5e8f029be45e2cfef63
Kovalenko, S.N. , Nikitchenko, V.M.	Analysis of the electronic excitations of the protonated forms of mono- and diacetyl derivatives of dibenzofuran, dibenzothiophene, and carbazole (1991) Theoretical and Experimental Chemistry, 27 (1), pp. 30-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249927299&doi=10.1007%2FBF01372920&partnerID=40&md5=43b8fdc66dbfa34053fb081a8353eed
Kovalenko, S.N. , Chuev, V.P., Nikitchenko, V.M., Asimov, M.M.	Electronic absorption spectra or carbonium and dicarbonium ions containing heterocyclic rings with a biphenylene base (1990) Theoretical and Experimental Chemistry, 26 (3), pp. 264-270.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951603282&doi=10.1007%2FBF00641332&partnerID=40&md5=d0da1122ae781821ad9d6fc340650414
Kovalenko, S.N. , Nikitchenko, V.M.	Analysis of electronic excitation of protonated forms of some heterocyclic analogs of chalcone (1989) Theoretical and Experimental Chemistry, 25 (6), pp. 612-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249959997&doi=10.1007%2FBF00534440&partnerID=40&md5=da53348b1493385df66cd50955646dd
Kovalenko, S.N. , Nikitchenko, V.M., Karasev, A.A., Lavrushin, V.F.	Intramolecular interaction of chromophores in diprotonated dichalcones containing a biphenylene bridge structure (1987) Theoretical and Experimental Chemistry, 23 (1), pp. 20-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250101501&doi=10.1007%2FBF00534971&partnerID=40&md5=68cec1aaa44ab4e519d13d6a8299d042
Kovalenko, S.N. , Nikitchenko, V.M., Lavrushin, V.F.	ELECTRONIC SPECTRA OF UNSATURATED KETONES AND DIKETONES, DIBENZOFURAN DERIVATIVES. (1986) Soviet progress in chemistry, 52 (4), pp. 80-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023011514&partnerID=40&md5=d33947e7964e7c79014fb6aa80e0df50

16	Serdiuk, I.E., Roshal, A.D.	Exploring double proton transfer: A review on photochemical features of compounds with two proton-transfer sites (2017) <i>Dyes and Pigments</i> , 138, pp. 223-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999269031&doi=10.1016%2Fj.dyepig.2016.11.028&partnerID=40&md5=f2e93f35d6b07fd42d9dbb47082ca5fc
	Mishurov, D., Voronkin, A., Roshal, A. , Bogatyrenko, S.	Influence of structure 3,5,7,3',4'-Pentahydroxyflavone-based polymer films on their optical transparency (2017) <i>Optical Materials</i> , 64, pp. 166-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006120524&doi=10.1016%2Fj.optmat.2016.12.004&partnerID=40&md5=9265ea88113b1a2957cf4ce141938b4
	Kaliteevskaya, E., Krutyakova, V., Razumova, T., Roshal, A. , Starovoytov, A.	Optical properties and component composition of layers of cyanine dyes on dielectric supports: influence of asymmetry of the molecular electron density distribution (2017) <i>Optical and Quantum Electronics</i> , 49 (1), art. no. 32, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007601504&doi=10.1007%2F11082-016-0862-x&partnerID=40&md5=24fc51382e5e090fca780e114ae9843
	Mishurov, D., Voronkin, A., Roshal, A. , Brovko, O.	Relaxation behavior and nonlinear properties of thermally stable polymers based on glycidyl derivatives of quercetin (2016) <i>Optical Materials</i> , 57, pp. 179-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966269397&doi=10.1016%2Fj.optmat.2016.03.047&partnerID=40&md5=dd4562c3f5135602b8ded520f218c514
	Serdiuk, I.E., Roshal, A.D. , Blazejowski, J.	Origin of Spectral Features and Acid-Base Properties of 3,7-Dihydroxyflavone and Its Monofunctional Derivatives in the Ground and Excited States (2016) <i>Journal of Physical Chemistry A</i> , 120 (25), pp. 4325-4337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976902702&doi=10.1021%2Facs.jpca.6b03290&partnerID=40&md5=d11afd41c613b528e769515b9c224a8
	Zadykowicz, B., Wera, M., Sanin, E.V., Novikov, A.I., Roshal, A.D. , Sikorski, A., Storoniak, P., Blazejowski, J.	Global and local interactions in the structure of crystalline 7-(diethylamino)-2-(2-oxo-2H-chromen-3-yl)chromenium perchlorate (2016) <i>Structural Chemistry</i> , 27 (2), pp. 637-649.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961183495&doi=10.1007%2F11224-015-0596-6&partnerID=40&md5=082dadd00611a36fb9765dbbf5e17a0f
	Mishurov, D.A., Voronkin, A.A., Roshal, A.D.	Synthesis, molecular structure and optical properties of glycidyl derivatives of quercetin (2016) <i>Structural Chemistry</i> , 27 (1), pp. 285-294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957608318&doi=10.1007%2F11224-015-0694-5&partnerID=40&md5=4ab85bd1c2b2737b37c136fe5b1b504e
	Serdiuk, I.E., Reszka, M., Mysza, H., Krzyński, K., Liberek, B., Roshal, A.D.	Flavonol-based fluorescent indicator for determination of β -glucosidase activity (2016) <i>RSC Advances</i> , 6 (48), pp. 42532-42536.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966309434&doi=10.1039%2F6cra06062e&partnerID=40&md5=9e8a6fa71c11f13b7801d407849d6d81
	Serdiuk, I.E., Roshal, A.D.	7-Hydroxyflavone Revisited. 2. Substitution Effect on Spectral and Acid-Base Properties in the Ground and Excited States (2015) <i>Journal of Physical Chemistry A</i> , 119 (51), pp. 12672-12685.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952909180&doi=10.1021%2Facs.jpca.5b09185&partnerID=40&md5=1e42cf3a0871e32a9ad1676129353d38
	Voronov, A.P., Babenko, G.N., Puzikov, V.M., Roshal, A.D. , Iurchenko, A.N.	Influence of thallium and salicylic acid impurities as well as of the solution stoichiometry on the growth kinetics of prismatic ADP crystal faces (2015) <i>Journal of Crystal Growth</i> , 415, pp. 100-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921828957&doi=10.1016%2Fj.jcrysgro.2014.12.035&partnerID=40&md5=c8733fd7f1b85d41cce8e32d7f6c333
	Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., Nikolov, O., Roshal, A. , Semenov, M., Gasan, A.	Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution (2015) <i>Nanoscale Research Letters</i> , 10 (1), 10 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928254148&doi=10.1186%2F11671-015-0860-0&partnerID=40&md5=27d9a6d5494ab470ef48160cd6878e
	Serdiuk, I.E., Roshal, A.D.	Single and double intramolecular proton transfers in the electronically excited state of flavone derivatives (2015) <i>RSC Advances</i> , 5 (124), pp. 102191-102203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948844924&doi=10.1039%2F5ra13912k&partnerID=40&md5=8de039c2f86595bc735b32a327483664
	Mishurov, D., Roshal, A. , Brovko, O.	Second-Order polarizability and temporal stability of epoxy polymers doped with chromophore and with chromophore moieties in the main chain (2015) <i>Polymers and Polymer Composites</i> , 23 (3), pp. 129-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957540710&partnerID=40&md5=3fcb7c6f33a1bea948eb1e55b6d7d15c
	Shkolnikova, N., Yaremenko, F., Sheshenko, Z., Vakula, V., Kutulya, L., Pivnenko, N., Roshal, A.	Influence of the rigidity of the steroid core in the structure of chiral dopants on the temperature dependence of cholesteric short pitch (2015) <i>Displays</i> , 36, pp. 34-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922953114&doi=10.1016%2Fj.displa.2014.10.008&partnerID=40&md5=972dd8896125d30513922cbb592c5ae6
	Shkolnikova, N., Yaremenko, F., Sheshenko, Z., Vakula, V., Kutulya, L., Pivnenko, N., Roshal, A.	Influence of the rigidity of the steroid core in the structure of chiral dopants on the temperature dependence of cholesteric short pitch (2014) <i>Displays</i> , . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914674630&doi=10.1016%2Fj.displa.2014.10.008&partnerID=40&md5=0afba1e7e1320650c4932d9c97937c6
	Serdiuk, I.E., Varenikov, A.S., Roshal, A.D.	7-hydroxyflavone revisited: Spectral, acid-base properties, and interplay of the protolytic forms in the ground and excited states (2014) <i>Journal of Physical Chemistry A</i> , 118 (17), pp. 3068-3080.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899783963&doi=10.1021%2Fjp412334x&partnerID=40&md5=c30c5ef4a9156d9c1bb34a8095f1c382
	Sanin, E.V., Novikov, A.I., Roshal, A.D.	Quantum-chemical investigation of the structure and spectral characteristics of 2-(3-Coumaroyl)benzopyrylium cations (2014) <i>Chemistry of Heterocyclic Compounds</i> , 50 (3), pp. 371-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904304548&doi=10.1007%2F10593-014-1485-4&partnerID=40&md5=5b28b778735fe0b56c47eb52c5e0975f
	Serdiuk, I.E., Roshal, A.D. , Blazejowski, J.	Quantum-chemical analysis of the Algar-Flynn-Oyamada reaction mechanism (2014) <i>Chemistry of Heterocyclic Compounds</i> , 50 (3), pp. 396-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904359526&doi=10.1007%2F10593-014-1487-2&partnerID=40&md5=71892204fdded0230ac4b9048c1eaf7b
	Wera, M., Chalyi, A.G., Roshal, A.D. , Zadykowicz, B., Blazejowski, J.	Structure, tautomerism, and features of 1-(5-acetyl-2,4-dihydroxyphenyl)-3-(furan-2-yl)prop-2-en-1-one (FC) and 1,1'-(4,6-dihydroxybenzene-1,3-diyl)bis[3-(furan-2-yl)prop-2-en-1-one] (FDC) (2014) <i>Structural Chemistry</i> , 25 (3), pp. 969-977.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900507877&doi=10.1007%2F11224-013-0378-y&partnerID=40&md5=320b8ff2145111a2eb5d47af936968
	Chepeleva, L.V., Roshal, A.D. , Lukyanov, B.S., Doroshenko, A.O., Tyurin, R.V., Lukyanova, M.B.	Photochromic and thermochromic spirans 41*. Quantum-chemical study of the Geometry and electronic structure of 1,3,3-Trimethyl-1',2'-Diphenylspiro[Indoline-2,7'-Furo[3,2-f]Chromene] in the ground and excited states (2014) <i>Chemistry of Heterocyclic Compounds</i> , 50 (3), pp. 364-370.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904308313&doi=10.1007%2F10593-014-1483-6&partnerID=40&md5=c3bfcfd2118d16c2f50b99ddc18fe911d
	Sanin, E.V., Novikov, A.I., Roshal, A.D.	Investigations of solvatochromism of 2-(3-coumaroyl)-benzopyrylium dye and its di-substituted derivatives (2013) <i>Functional Materials</i> , 20 (3), pp. 366-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885082483&partnerID=40&md5=f2234094f6e912be1694fa7565058fd
	Moroz, V.V., Chalyi, A.G., Serdiuk, I.E., Roshal, A.D. , Zadykowicz, B., Pivovarenko, V.G., Wróblewska, A., Blazejowski, J.	Tautomerism and behavior of 3-hydroxy-2-phenyl-4H-chromen-4-ones (flavonols) and 3,7-dihydroxy-2,8-diphenyl-4H,6H-pyrano[3,2-g]chromene-4,6-diones (Diflavonols) in basic media: Spectroscopic and computational investigations (2013) <i>Journal of Physical Chemistry A</i> , 117 (38), pp. 9156-9167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884949614&doi=10.1021%2Fjp403487w&partnerID=40&md5=8e0765d860eb337148edf2909a27c78
	Serdiuk, I.E., Wera, M., Roshal, A.D. , Blazejowski, J.	2-(4-Hydroxyphenyl)-3-methoxy-4H-chromen-4-one (2013) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 69 (6), pp. o895.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878701260&doi=10.1107%2F15160053681105464X&partnerID=40&md5=8f91a8f070270a35de14e5265e11a844
	Shepelenko, O.S., Sakhnenko, M.D., Shtamburh, V.H., Roshal, A.D.	Formation of nanoscale protective coatings on iron alloys from podand-containing solutions (2012) <i>Materials Science</i> , 48 (2), pp. 203-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874658526&doi=10.1007%2F11003-012-9492-z&partnerID=40&md5=8ef145d2297dd6fde62b979c6ec520fb
	Glibitskiy, G.M., Jelali, V.V., Semenov, M.O., Roshal, A.D. , Glibitskiy, D.M., Volynskiy, O.Y., Zegrya, G.G.	Interaction of DNA with silver nanoparticles (2012) <i>Ukrainian Journal of Physics</i> , 57 (7), pp. 695-699.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864805549&partnerID=40&md5=6ae588718a944c9ffe37673ad2c1491d
	Wera, M., Chalyi, A.G., Roshal, A.D. , Blazejowski, J.	2-(4-Fluorophenyl)-2H-chromen-4(3H)-one (2012) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 68 (2), pp. o253-o254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856953214&doi=10.1107%2F15160053681105464X&partnerID=40&md5=8313e8bfbef70aef9cd13b139c137bb6
	Tykhonov, D.A., Sanin, E.V., Serikova, I.I., Yaremenko, F.G., Roshal, A.D.	Cinnamoyl pyrones in proton-donating media: Electronic structure and spectral properties of protolytic forms (2011) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 83 (1), pp. 221-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054048061&doi=10.1016%2Fj.jcrysgro.2011.08.018&partnerID=40&md5=1ae0736fa1c434d3488d1d887ca0b326
	Tykhonov, D.O., Sanin, E.V., Grygorovych, O.V., Serikova, I.I., Yaremenko, F.G., Roshal, A.D.	Photophysical and photochemical processes in cinnamoyl pyrones: Influence on spectral properties and photostability (2011) <i>Optical Materials</i> , 18 (3), pp. 339-347.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856728186&partnerID=40&md5=1772575e3c40fc68164cc0b86c24ef37
	Voronov, A.P., Salo, V.I., Puzikov, V.M., Babenko, G.N., Roshal, A.D. , Tkachenko, V.F.	Hybrid organic-inorganic crystals based on ammonium dihydrogen phosphate and ammonium salicylate (2011) <i>Journal of Crystal Growth</i> , 335 (1), pp. 84-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054746494&doi=10.1016%2Fj.jcrysgro.2011.08.018&partnerID=40&md5=4fcfbce243ea481e853d437e03b5c3
	Serdiuk, I.E., Wera, M., Roshal, A.D. , Sowiński, P., Zadykowicz, B., Blazejowski, J.	Tautomerism, structure and properties of 1,1',1''-(2,4,6-trihydroxybenzene-1,3,5-triyl)triethanone (2011) <i>Tetrahedron Letters</i> , 52 (21), pp. 2737-2740.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955471328&doi=10.1016%2Fj.tetlet.2011.03.087&partnerID=40&md5=1efb6b65b698ef059cb8b061aef7e121

Kunitskaya, L.R., Zheltonozhskaya, T.B., Aleinichenko, V.A., Roshal, A.D. , Khayetsky, I.K.	The self-assembly of diblock copolymers MePEG-b-PAAm into Micellar structures and their interaction with doxorubicin (2011) <i>Molecular Crystals and Liquid Crystals</i> , 536, pp. 166-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952666738&doi=10.1080%2F15421406.2011.538603&partnerID=40&md5=fce2c5d4bbdf2a5e36022b7bfe33ef1
Krzymiński, K., Ozóg, A., Malecha, P., Roshal, A.D. , Wróblewska, A., Zadykowicz, B., Roshal, A.D. , Blazejowski, J.	Chemiluminescent features of 10-Methyl-9-(phenoxyacetyl)acridinium Trifluoromethanesulfonates alkyl substituted at the benzene ring in aqueous media (2011) <i>Journal of Organic Chemistry</i> , 76 (4), pp. 1072-1085.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951659642&doi=10.1021%2Fj1020882&partnerID=40&md5=73c8a84504f8f9c83e19ce914211670
Wera, M., Serdiuk, I.E., Roshal, A.D. , Blazejowski, J.	3-Hydroxy-2-(4-methoxyphenyl)-4H-chromen-4-one (2011) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 67 (2), pp. o440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79751503127&doi=10.1107%2F160053681100167X&partnerID=40&md5=a1dca0e1deeb247383b29e66f3cdc1a
Wera, M., Roshal, A.D. , Blazejowski, J.	2,2-Difluoro-4-phenyl-1,3,2-dioxaborolo[4,5-c]chromen-5-ium-2-ide (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (12), pp. o3354-o3355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650163199&doi=10.1107%2F16005368110048919&partnerID=40&md5=bbb19ea26590827e4141e266507e8acf
Wera, M., Serdiuk, I.E., Roshal, A.D. , Blazejowski, J.	2-(4-Fluorophenyl)-3-hydroxy-4H-chromen-4-one (2010) <i>Acta Crystallographica Section E: Structure Reports Online</i> , 66 (12), pp. o3122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650153690&doi=10.1107%2F16005368110045083&partnerID=40&md5=d3db216cf2919e6037a963ece713b25f
Krzymiński, K., Roshal, A.D. , Zadykowicz, B., Biak-Bielińska, A., Sierdzan, A.	Chemiluminescent properties of 10-methyl-9-(phenoxyacetyl)acridinium cations in organic environments (2010) <i>Journal of Physical Chemistry A</i> , 114 (39), pp. 10550-10562.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957317649&doi=10.1021%2Fjp104253f&partnerID=40&md5=cb96a9d77314bd7ec7f05d2fe73c8ee
Abakumov, V.V., Pivnenko, N.S., Kutulya, L.A., Konovalova, I.S., Roshal, A.D. , Novikova, N.B., Shishkin, O.V.	New Chiral 3-aryl-7-arylmethylidene-3,3a,4,5,6,7-hexahydro-indazoles: Synthesis, structure, and twisting power in nematic liquid crystals (2010) <i>Russian Journal of Organic Chemistry</i> , 46 (8), pp. 1207-1213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149435607&doi=10.1134%2F1070428010080154&partnerID=40&md5=b116042ac46b7ab36525d8b568f04e3b
Tykanov, D.A., Serikova, I.I., Yaremenko, F.G., Roshal, A.D.	Structure and spectral properties of cinnamoyl pyrones and their vinyls (2010) <i>Central European Journal of Chemistry</i> , 8 (2), pp. 347-355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951827763&doi=10.2478%2F11532-009-0138-4&partnerID=40&md5=dae4a35671dd7a2e20f0f8f6288f1ed
Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Salamanova, N.V., Roshal, A.D. , Filatov, D.Yu.	In search for the "phenolate" monoanion of fluorescein in solution (2010) <i>Chemistry Letters</i> , 39 (1), pp. 30-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76149111168&doi=10.1246%2Fcl.2010.30&partnerID=40&md5=7e8dd704afa05c8ce105af9c933cea2
Voronov, A.P., Babenko, G.N., Glushkova, L.V., Puzikov, V.M., Roshal, A.D. , Salo, V.I.	Potassium dihydrogen phosphate doped with organic complexes of rare-earth metals (2009) <i>Inorganic Materials</i> , 45 (5), pp. 533-537.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65549153995&doi=10.1134%2FS0020168509050136&partnerID=40&md5=4d7723a33262a85dd0c1dc04177543c74
Mazières, M.R., Duprat, C., Wolf, J.G., Roshal, A.D.	pH dependent spectral properties and electronic structure of benzothiazol containing cyanine dyes (2009) <i>Dyes and Pigments</i> , 80 (3), pp. 355-360.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54249153678&doi=10.1016%2Fj.dyepig.2008.08.007&partnerID=40&md5=317aaf89059d0e4de9bbf139e90ee79b
Moroz, V.V., Chalyi, A.G., Roshal, A.D.	The properties of 4'-N,N-dimethylamino flavonol in the ground and excited states (2008) <i>Russian Journal of Physical Chemistry A</i> , 82 (9), pp. 1464-1469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249182829&doi=10.1134%2FS0036024408090100&partnerID=40&md5=81025e2a6b4476e93fe6b4a60664fb4a
Krzymiński, K., Roshal, A.D. , Niziolek, A.	Spectral features of substituted 9-(phenoxyacetyl)-acridines and their protonated and methylated cation derivatives (2008) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 70 (2), pp. 394-402.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649176928&doi=10.1016%2Fj.saa.2007.10.045&partnerID=40&md5=b9b67c20fd08ac506f9ada9a70a812b
Voronov, A.P., Babenko, G.N., Puzikov, V.M., Roshal, A.D. , Salo, V.I.	Doping of KDP single crystals with cerium: Growth and optical properties (2008) <i>Crystallography Reports</i> , 53 (4), pp. 708-712.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49049115922&doi=10.1134%2FS1063774508040251&partnerID=40&md5=8a714b17fcd8ef99337c5cb3e238af7
Kutulya, L.A., Kulishov, V.I., Shishkina, S.V., Tolochko, A.S., Roshal, A.D. , Shishkin, O.V.	Molecular and crystal structures of 4'-hydroxy derivative of (3R,6R)-3-methyl-6-isopropyl-2-(4-phenylbenzylidene)cyclohexanone (2008) <i>Crystallography Reports</i> , 53 (3), pp. 455-461.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46749158368&doi=10.1134%2FS1063774508030127&partnerID=40&md5=d49576aaf0cd0251dbdc614523fd600
Roshal, A.D. , Sikorski, A., Baumer, V.N., Novikov, A.I., Blazejowski, J.	Two polymorphs of 2-(4-chlorophenyl)-4-methylchromenium perchlorate (2007) <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 63 (11), pp. o626-o630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35948943117&doi=10.1107%2FS010827107039558&partnerID=40&md5=96cae2795f9d41960826810c5093d14
Shkolnikova, N.I., Kutulya, L.A., Pivnenko, N.S., Roshal, A.D. , Semenkova, G.P.	New (S)-1-phenylethylamine N-arylidene derivatives as chiral dopants to liquid crystalline systems (2007) <i>Liquid Crystals</i> , 34 (10), pp. 1193-1200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35648968658&doi=10.1080%2F02678290701640249&partnerID=40&md5=52b0b635af23b75bb1556ed216ee9389
Organero, J.A., Tormo, L., Sanz, M., Roshal, A. , Douhal, A.	Complexation effect of γ -cyclodextrin on a hydroxyflavone derivative: Formation of excluded and included anions (2007) <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 188 (1), pp. 74-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947514408&doi=10.1016%2Fj.jphotochem.2006.11.022&partnerID=40&md5=5b4468ae0f22aa4c2f68693ce2c3732e
Rudiuk, S., Voitenko, Z., Riabov, S., Roshal, A.	Molecular complexes of 4,10-dihydrothieno[3',2':5,6]pyrimido[2, 1-a]isindol-4-ones with β -cyclodextrin (2007) <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 57 (1-4), pp. 415-417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34047130606&doi=10.1007%2Fs10847-006-9227-6&partnerID=40&md5=3d4eaac1953a5690da9faa65530de41
Ebead, Y., Roshal, A.D. , Wróblewska, A., Doroshenko, A.O., Blazejowski, J.	Tautomerism of acridin-9-amine substituted at the exocyclic nitrogen atom: Spectroscopic investigations and theoretical studies (2007) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 66 (4-5), pp. 1016-1023.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847281338&doi=10.1016%2Fj.saa.2006.05.014&partnerID=40&md5=4df7e5c34e6eb724e66a532538f9d14a
Lvovskaya, M.I., Roshal, A.D. , Doroshenko, A.O., Kyrchenko, A.V., Khilya, V.P.	Fluorescence behavior of chromones containing several protolytic centers. 3-Thiazolylchromones: Emission band assignment and pH dependent effects (2006) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 65 (2), pp. 397-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748175576&doi=10.1016%2Fj.saa.2005.11.020&partnerID=40&md5=8d301fd39372f24eb5532256e41ba81c
Romodanova, E.A., Diubko, T.S., Roshal, A.D. , Timaniuk, V.A.	Effect of temperature on the modification of spectral properties of tryptophan aqueous solutions induced by water previously treated with laser radiation (2006) <i>Biofizika</i> , 51 (3), pp. 409-412.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746816195&partnerID=40&md5=70ade439a15083ea084546c5d3e3c29f
Roshal, A.D. , L'vovskaya, M.I., Khilya, V.P.	The spectral and acid-base properties of 3-thiazolylchromone derivatives (2005) <i>Russian Journal of Physical Chemistry A</i> , 79 (8), pp. 1287-1291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2464445922&partnerID=40&md5=f87f280fd8d509896b9f9075d01f87c
Munoz, A., Roshal, A.D. , Richelme, S., Leroy, E., Claparois, C., Grigorovich, A.V., Pivovarenko, V.G.	Identification and structural assessment of alkaline-earth metal complexes with flavonols by FAB mass spectrometry (2004) <i>Russian Journal of General Chemistry</i> , 74 (3), pp. 438-445.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042788760&doi=10.1023%2FB%3aRUGC.0000030403.41976.5c&partnerID=40&md5=313a6e97652cf1649f077bc9dae54cb9
Kovalchuk, E.P., Kozlovskaya, Z.E., Jackowska, K., Roshal, A. , Wróblewska, A., Reshetnyak, O.V., Blazejowski, J.	Cyclic Voltammetry and Electronic Absorption Spectroscopy in Investigations of the Nature of the Electrochemical Reduction of Phenylidiazonium and Phenylbis-diazonium Cations (2004) <i>Polish Journal of Chemistry</i> , 78 (1), pp. 139-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1242306768&partnerID=40&md5=09a7adec6b650c01f7d2ab88983babfc
Douhal, A., Roshal, A.D. , Organero, J.A.	Stepwise interactions, sodium ion photoejection and proton-transfer inhibition in a crown-ether and proton-transfer dye (2003) <i>Chemical Physics Letters</i> , 381 (3-4), pp. 519-525.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242678289&doi=10.1016%2Fj.cplett.2003.10.027&partnerID=40&md5=2fb42f2a859b5d392548e9bd6e1a34f6
Boyer, D.G., Boisdon, M.-T., Rochal, A. , Munoz, A.	Organophosphate balance and hydroxyphosphorane binding with hydrogen and acid/base theory of Bronsted [Equilibre ester phosphorique, hydroxyphosphorane role des liaisons hydrogene, acidite de bronsted] (2003) <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 178 (10), pp. 2117-2125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345293103&partnerID=40&md5=c2165e6a407666f365737610a4cad02
Roshal, A.D. , Luk'yanov, B.S., El'chaninov, M.M.	The Electronic Transitions and Spectra of Hetarylphenanthroimidazole Derivatives (2003) <i>Russian Journal of Physical Chemistry A</i> , 77 (10), pp. 1709-1714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242437809&partnerID=40&md5=4f0510e34b862dfad678207900709e
Roshal, A.D. , Organero, J.A., Douhal, A.	Tuning the mechanism of proton-transfer in a hydroxyflavone derivative (2003) <i>Chemical Physics Letters</i> , 379 (1-2), pp. 53-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141849929&doi=10.1016%2Fj.cplett.2003.08.008&partnerID=40&md5=19cf5d12efac0b5eab3830160ced0fc

	Roshal, A.D., Moroz, V.I., Pivovarenko, V.G., Wróblewska, A., Blazejowski, J.	Spectral and acid - Base features of 3,7-dihydroxy-2,8-diphenyl-4H,6H-pyrano[3,2-g]chromene-4,6-dione (diflavonol) - A potential probe for monitoring the properties of liquid phases (2003) Journal of Organic Chemistry, 68 (15), pp. 5860-5869.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037697013&doi=10.1021f034200f&partnerID=40&md5=1cd5719d521fd930e2175ad9f2c8a1dc
	Roshal', A.D., Luk'yanov, B.S., El'chaninov, M.M.	The electronic transitions and spectra of hetarylphenanthroimidazole derivatives (2003) Zhurnal Fizicheskoy Khimii, 77 (10), pp. 1899-1906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242511804&partnerID=40&md5=2aa1d3459cfa37d378532c124575bba
	Romodanova, E.O., Diubko, T.S., Morozova, T.F., Roshal', O.D. , Distanov, V.B., Hurkalkenko, I.O.	Effect of low-power laser irradiation on the structure and properties of protein molecules under non-specific energy absorbance [Vplyv nyzkoenergetychnoho lazernoho vyprominiuvannya na strukturu ta vlastyosti molekuly bilka za umov nespetsyficchnoho pohlynnannya enerhi.] (2003) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 49 (2), pp. 96-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242304920&partnerID=40&md5=5da0503fc32da2b3d68c32b233f1a7d5
	Rochal, A.D. , Muñoz, A., Sahno, T.V., Boisdon, M.T.	Synthesis and structure of boranes with 3-hydroxyflavone (2002) Khimiya Geterotsiklicheskikh Soedinenii, (11), pp. 1597-1604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038101520&partnerID=40&md5=ba14964652095fa9f2414c6131a8081d
	Munoz, A., Gornitzka, H., Rochal, A.	Spirophosphoranes d' α -cetoacides. Structure cristalline. Induction asymetrique (2002) Phosphorus, Sulfur and Silicon and Related Elements, 177 (5), pp. 1255-1269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036416083&doi=10.1080%2F10426500211736&partnerID=40&md5=09f6c3bf43ed3048c230420f8eddb7d9
	Roshal, A.D. , Munos, O., Sakhno, T.V., Buadon, M.T.	Synthesis and structure of borane complexes with 3-hydroxyflavone (2002) Chemistry of Heterocyclic Compounds, 38 (11), pp. 1412-1418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036874426&doi=10.1023%2F102198930503&partnerID=40&md5=130ae21e86508162b4ac4f5d074a00bd
	Roshal, A.D. , Minayev, D.Yu., Pedash, Yu.F., Novikov, A.I.	Spectral properties of phenylbenzopyrylium salts in solutions as a result of their nucleophilic solvation (2002) Polish Journal of Chemistry, 76 (9), pp. 1301-1321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036714120&partnerID=40&md5=ec108d232a5555e8346225078623f1f5
	Demchenko, A.P., Ercelen, S., Roshal, A.D. , Klymchenko, A.S.	Excited-state proton transfer reaction in a new benzofuryl 3-hydroxychromone derivative: The influence of low-polar solvents (2002) Polish Journal of Chemistry, 76 (9), pp. 1287-1299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036712277&partnerID=40&md5=488d947dbcf84651576e18de7920e244
	Kaliteevskaya, E.N., Krutyakova, V.P., Razumova, T.K., Rochal, A.D.	Photochemistry of pyrylium compounds: Excitation-induced rearrangement of a molecule-solvent complex (2002) Proceedings of SPIE - The International Society for Optical Engineering, 4749, pp. 376-383.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036417109&doi=10.1117%2F12.468918&partnerID=40&md5=d7ad872fc41536332e147c444aa89b1c
	Munoz, A., Rochal, A.	Spirophosphoranes macrocyclics prepares a partir d'isopropylidene-mannitols (2001) Phosphorus, Sulfur and Silicon and Related Elements, 174, pp. 177-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035750883&partnerID=40&md5=64581280691defd3e30245bf3f078f
	Paranich, A.V., Roshal', A.D. , Doroshenko, A.O.	Identification method for natural vegetable oils (2001) Voprosy Pitaniia, 70 (2), pp. 35-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035230586&partnerID=40&md5=9912f3e3e0d2863f2f05f6324c0624
	Paranich, A.V., Tyslenko, K.V., Frolova, N.A., Grigorovich, A.-V., Doroshenko, A.O., Roshal, A.D. , Aldabaev, Yu.V., Zakrevskii, D.I., Svetlakova, N.N.	Structural and functional changes in different cells after irradiation (2001) Biofizika, 46 (6), pp. 1106-1107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040749136&partnerID=40&md5=138a5cc707c322a47b5973f07e22cec9
	Paranich, A.V., Tyslenko, K.V., Frolova, N.A., Grigorovich, A.V., Doroshenko, A.O., Roshal', A.D. , Aldabaev, I.V., Zakrevskii, D.I., Svetlakova, N.N.	Structural and functional changes in various cells following radiation exposure [Strukturno-funktsional'nye izmeneniia v kletkakh razlichnykh tipov posle radiatsionnogo vozdel'stviia.] (2001) Biofizika, 46 (6), pp. 1103-1107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035515804&partnerID=40&md5=36f549c2b5829a97570e89345c8cda9f
	Dreval, V.I., Sichevskaya, L.V., Doroshenko, A.O., Roshal', A.D.	Radiation-induced structural changes in proteins of erythrocyte membranes (2000) Biofizika, 45 (5), p. 838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039339398&partnerID=40&md5=f952421bc67e0af04d0e8beadfd04971
	Bonch-Bruevich, A.M., Gadonas, R., Kaliteevskaya, E.N., Krasauskas, V., Pyalakauskas, A., Razumova, T.K., Roshal, A.D. , Tarnovskii, A.N.	Absorption and fluorescent properties of pyrylium compounds: II. Spectra and cross sections for absorption from the ground and excited states of the structurally rearranged form (2000) Optika i Spektroskopiya, 89 (5), pp. 773-782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749590010&partnerID=40&md5=2646d110eb863cee422d28ffdb001ee7
	Paranich, A.V., Popov, N.N., Roshal', A.D. , Zhivotova, E.N., Grigorovich, A.V.	Study of thymocytes resistance to ionising irradiation in vitro [Izuchenie ustoychivosti timotsitov k ioniziruiushchemu izlucheniui v usloviakh in vitro.] (2000) Radiatsionnaya biologiya, radioecologiya / Rossiiskaia akademiia nauk, 40 (6), pp. 688-692.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034327697&partnerID=40&md5=028bd52a0664edba8889f78ca2587d
	Bonch-Bruevich, A.M., Gadonas, R., Kaliteevskaya, E.N., Krasauskas, V., Pyalakauskas, A., Razumova, T.K., Roshal, A.D. , Tarnovskii, A.N.	Absorption and Fluorescent Properties of Pyrylium Compounds: II. Spectra and Cross Sections for Absorption from the Ground and Excited States of the Structurally Rearranged Form (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 89 (5), pp. 712-720.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011298777&doi=10.1134%2F1.1328125&partnerID=40&md5=432353347e14a229d8d5a8804f0a85dc
	Dreval', V.I., Sichevskaya, L.V., Doroshenko, A.O., Roshal', A.D.	Radiation-induced changes in the structure of erythrocyte membrane proteins [Radiatsionno-indutsiruemye izmeneniia struktury belkov eritrotsitarnykh membran.] (2000) Biofizika, 45 (5), pp. 836-838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034266247&partnerID=40&md5=ad9293cfe4093ac870957396d9a252e
	Bonch-Bruevich, A.M., Kaliteevskaya, E.N., Razumova, T.K., Roshal, A.D. , Tarnovskii, A.N.	Absorption and Fluorescent Properties of Pyrylium Compounds: I. The Nature of Electronic Transitions and Structural Rearrangement in the Excited State (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 89 (2), pp. 216-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011302862&doi=10.1134%2F1.1307438&partnerID=40&md5=fc518475f7ffa4f561b9aae4a6c2ec8f
	Roshal, A.D. , Grigorovich, A.V., Doroshenko, A.O., Pivovarenko, V.G., Demchenko, A.P.	Flavonols as metal-ion chelators: Complex formation with Mg2+ and Ba2+ cations in the excited state (1999) Journal of Photochemistry and Photobiology A: Chemistry, 127 (1-3), pp. 89-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002621228&partnerID=40&md5=5483771f48577db6a31011f2b5d5a108
	Dondon, R., Khilya, V.P., Roshal, A.D. , Fery-Forgues, S.	UV/vis absorption and fluorescence spectroscopic study of some new 4-hydroxy-7-methoxycoumarin derivatives. Part I: Effect of substitution by a benzo-1,4-dioxanyl or an ethyl furoate group in the 3-position (1999) New Journal of Chemistry, 23 (9), pp. 923-927.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032855166&doi=10.1039%2Fa902285f&partnerID=40&md5=55b2973cfac97d00bed8313c7ec4c9b
	Paranich, A.V., Popov, M.M., Roshal', O.D. , Zhvyotova, O.M., Holubenko, O.O.	The effect of ultraviolet on the structural-functional characteristics of mouse thymocytes [Vplyv ultrafioletu na strukturno-funktsional'ni kharakterystyky tymotsytiv myshei.] (1999) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 45 (3), pp. 92-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032618414&partnerID=40&md5=1e846326625967c9e52a878696c5f4e7
	Roshal, A.D. , Minaev, D.Yu., Koval, V.L., Novikov, A.I.	Luminescent properties of 2-phenylbenzopyrylium salts (1998) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 85 (5), pp. 705-710.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11644279612&partnerID=40&md5=8989c4566701cfad28f83abcdbde52c6
	Roshal', A.D. , Minaev, D.Yu., Koval', V.L., Novikov, A.I.	Luminescent properties of 2-phenylbenzopyrylium salts (1998) Optika i Spektroskopiya, 85 (5), pp. 772-777.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0005355434&partnerID=40&md5=a27fbbbf24359cf73e24ab69c2a3896b
	Fery-Forgues, S., Lavabre, D., Rochal, A.D.	Strong interaction between a fluorescent β -diketone derivative and alkali and alkaline earth cations in solution studied by spectrophotometry (1998) New Journal of Chemistry, 22 (12), pp. 1531-1538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2042505211&partnerID=40&md5=2d43c20b9f5f8dcf1260646ed34f1379
	Roshal, A.D. , Grigorovich, A.V., Doroshenko, A.O., Pivovarenko, V.G., Demchenko, A.P.	Flavonols and crown-flavonols as metal cation chelators. The different nature of Ba2+ and Mg2+ complexes (1998) Journal of Physical Chemistry A, 102 (29), pp. 5907-5914.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000997755&partnerID=40&md5=317005e66a8472aca983201a67a78467
17	Korobov, V.I. , Bebiya, M.O.	Stabilization of one class of nonlinear systems (2017) Automation and Remote Control, 78 (1), .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011843639&doi=10.1134%2FIS0005117917010015&partnerID=40&md5=1bf0736d9034aae9749c85e4ba7dab1
	Korobov, V.I. , Revina, T.V.	On robust feedback for systems with multidimensional control (2017) Journal of Mathematical Physics, Analysis, Geometry, 13 (1), pp. 35-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014185037&partnerID=40&md5=9751425f95e9fd9e192fa4a62425f5e9

	Korobov, V.I., Lutsenko, A.V.	On the Robust Stabilization of One Class of Nonlinear Discrete Systems (2017) Journal of Mathematical Sciences (United States), 220 (4), pp. 483-497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014422779&doi=10.1007%2f10958-016-3196-0&partnerID=40&md5=0224b99d7e696cce8178769836f3061f
	Korobov, V.I., Lutsenko, A.V.	On the Robust Stabilization of One Class of Nonlinear Discrete Systems (2016) Journal of Mathematical Sciences (United States), pp. 1-15. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006381802&doi=10.1007%2f10958-016-3196-0&partnerID=40&md5=788d2608c4a1eedb60753d95f7be3b55
	Korobov, V.I., Revina, T.V.	Robust Feedback Synthesis for the Canonical System (2016) Ukrainian Mathematical Journal, 68 (3), pp. 380-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992755786&doi=10.1007%2f11253-016-1228-z&partnerID=40&md5=d5a900ee25824fe12827aa118951cac
	Korobov, V.I., Sklyar, K.V., Skoryk, V.O.	Stepwise synthesis of constrained controls for single input nonlinear systems of special form (2016) Nonlinear Differential Equations and Applications, 23 (3), art. no. 31, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008440581&doi=10.1007%2f100030-016-0385-y&partnerID=40&md5=ddf9b7691a12b9742ebd4446cb422fb1
	Bebiya, M.O., Korobov, V.I.	On stabilization problem for nonlinear systems with power principal part (2016) Journal of Mathematical Physics, Analysis, Geometry, 12 (2), pp. 113-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964754601&partnerID=40&md5=89a70c8bb91770a2aabb69a5445761a0
	Korobov, V.I., Bugaevskaya, A.N.	Almost power sum systems (2016) Mathematics of Computation, 85 (298), pp. 717-736.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000692317&doi=10.1090%2fmc0m%2f2994&partnerID=40&md5=a0d7aee76e4106a134c27403ad0d78e8
	Korobov, V.I., Skoryk, V.O.	Construction of a Set of Restricted Inertial Controls for C(1)-Smooth Affine Systems with Multidimensional Control (2015) Journal of Dynamical and Control Systems, 21 (4), pp. 513-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941413165&doi=10.1007%2f10883-015-9284-5&partnerID=40&md5=bbf59eda54ebbd2a9e323180d8f555f6
	Korobov, V.I., Skoryk, V.O.	Construction of restricted controls for a non-equilibrium point in global sense (2015) Vietnam Journal of Mathematics, 43 (2), pp. 459-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930213059&doi=10.1007%2f10013-015-0132-4&partnerID=40&md5=1c5dcca5ac5c3878cea725202988699
	Korobov, V.I., Revina, T.V.	Robust feedback synthesis problem for systems with a single perturbation (2014) Communications in Mathematical Analysis, 17 (2), pp. 217-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919703234&partnerID=40&md5=040915ef39130ce90ed8c5d435f102ba
	Korobov, V.I., Lutsenko, A.V.	Robust stabilization of one class of nonlinear systems (2014) Automation and Remote Control, 75 (8), pp. 1433-1444.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906274226&doi=10.1134%2f100051179140800074&partnerID=40&md5=3031a484602caca27fe30f0722ac2
	Korobov, V.I., Pavlichkov, S.S., Schmidt, W.H.	Global positional synthesis and stabilization in finite time of MIMO generalized triangular systems by means of the controllability function method (2013) Journal of Mathematical Sciences (United States), 189 (5), pp. 795-804.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880600775&doi=10.1007%2f10958-013-1219-7&partnerID=40&md5=730cc42d04129ac467d876d1c0ebd438
	Korobov, V.I., Korotayeva, Y.V.	Feedback Control Design for Systems with x-Discontinuous Right-Hand Side (2011) Journal of Optimization Theory and Applications, 149 (3), pp. 494-512.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955881621&doi=10.1007%2f10957-011-9800-z&partnerID=40&md5=c164211e60341d744138e0a9207cb9fe
	Korobov, V.I., Korotayeva, E.V.	Admissible feedback control design for the system $\dot{x} = f(x, u)$ with an x-discontinuous right-hand side (2010) Doklady Mathematics, 81 (2), pp. 329-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954892315&doi=10.1134%2f1064562410020456&partnerID=40&md5=e2e95921cb8c5565426c72bb9152a8a2
	Choque Rivero, A.E., Korobov, V., Sklyar, G.	The admissible control problem from the moment problem point of view (2010) Applied Mathematics Letters, 23 (1), pp. 58-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449102702&doi=10.1016%2fj.aml.2009.06.030&partnerID=40&md5=fe2682f18325e7a70ad7c363955fcfcc
	Korobov, V.I., Pavlichkov, S.S.	Global properties of the triangular systems in the singular case (2008) Journal of Mathematical Analysis and Applications, 342 (2), pp. 1426-1439.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40649105479&doi=10.1016%2fj.jmaa.2007.12.070&partnerID=40&md5=861eb25fc27430da9d3d1477f43c6d8a
	Korobov, V.I.	Geometric criterion for controllability under arbitrary constraints on the control (2007) Journal of Optimization Theory and Applications, 134 (2), pp. 161-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36048935946&doi=10.1007%2f10957-007-9212-2&partnerID=40&md5=fa09d33822e491c388baf071d9b407f
	Korobov, V.I., Pavlichkov, S.S., Schmidt, W.H.	Global robust controllability of the triangular integro-differential Volterra systems (2005) Journal of Mathematical Analysis and Applications, 309 (2), pp. 743-760.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22944474018&doi=10.1016%2fj.jmaa.2004.11.057&partnerID=40&md5=869a2e5b3bb9487c4c9c792d06b63e2f
	Korobov, V.I., Skorik, V.A.	The synthesis of inertial controls for non-stationary systems (2003) Journal of Applied Mathematics and Mechanics, 67 (5), pp. 653-664.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642436962&doi=10.1016%2fS0021-8928%2803%2990038-4&partnerID=40&md5=6fbf905bf1d9f9b71511eb40d58c837f
	Korobov, V.I., Skorik, V.A.	Synthesis of inertial controls for non-stationary systems (2003) Prikladnaya Matematika i Mekhanika, 67 (5), pp. 739-751.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242495499&partnerID=40&md5=80041198a3aa44ca4c70cb6b0502f057
	Korobov, V.I., Skorik, V.A.	Positional synthesis of bounded inertial controls for systems with one-dimensional control (2002) Differential Equations, 38 (3), pp. 332-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-003629055&doi=10.1023%2fA%3a1016001723925&partnerID=40&md5=a618c2eae80ff32d181296cef5c08af3
	Korobov, V.I., Sklyar, G.M., Florinskii, V.V.	A minimal polynomial for finding the switching instants and the support vector of the controllability domain (2002) Differential Equations, 38 (1), pp. 15-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-003624585&doi=10.1023%2fA%3a1014839122917&partnerID=40&md5=d7c8cf1f8e2cdef423e2b5dfcd840f08
	Korobov, V.I., Skoryk, V.O.	Synthesis of restricted inertial controls for systems with multivariate control (2002) Journal of Mathematical Analysis and Applications, 275 (1), pp. 84-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036869046&doi=10.1016%2fS0022-247X%2802%2900243-3&partnerID=40&md5=7a33901545069029dc8793c98a67d03
	Korobov, V.I., Pavlichkov, S.S., Schmidt, W.H.	The controllability problem for certain nonlinear integro-differential Volterra systems (2001) Optimization, 50 (3-4), pp. 155-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22944474738&partnerID=40&md5=5cdd2f9f3f0822570e9cb6e2d632a5b1
	Korobov, V.I., Ivanova, T.I.	Nonsmooth mapping of linear control systems (2001) Journal of Optimization Theory and Applications, 108 (2), pp. 389-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035529799&doi=10.1023%2fA%3a1026494419039&partnerID=40&md5=348c8af256feeece25505877766cb30e
	Korobov, V.I., Krabs, W., Sklyar, G.M.	Construction of the control realizing the rotation of a Timoshenko beam (2000) Journal of Optimization Theory and Applications, 107 (1), pp. 51-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034349657&partnerID=40&md5=e739a6821839c82675214785b0931e67
	Korobov, V.I., Sklyar, G.M.	Markov power min-moment problem with periodic gaps (1996) Journal of Mathematical Sciences, 80 (1), pp. 1559-1581.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0005770292&partnerID=40&md5=e9aff9079f92fe9e5cc7439c66dd8c75
	Korobov, V.I., Krutin, V.I., Sklyar, G.M.	Optimal control problem with a mixed cost function (1993) SIAM Journal on Control and Optimization, 31 (3), pp. 624-645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027594183&partnerID=40&md5=07749d953ba7d4137ca517ec699939ff
	Korobov, V.I., Sklyar, G.M.	Min-problem for Markov moments and the speed of response (1991) Siberian Mathematical Journal, 32 (1), pp. 46-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249916736&doi=10.1007%2fBF00970159&partnerID=40&md5=70046a17bdb3c71f0c198f2937dd4a4a
	Korobov, V.I., Sklyar, G.M.	Time-optimal control and the trigonometric moment problem (1990) Mathematics of the USSR - Izvestiya, 35 (1), pp. 203-220.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343185281&doi=10.1070%2fMI1990v03n01ABEH000696&partnerID=40&md5=03847c512a504219bfa81032118aa51d
	Korobov, V.I., Sklyar, G.M.	Control synthesis in equations containing an unbounded operator (1990) Journal of Soviet Mathematics, 48 (4), pp. 404-419.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249956018&doi=10.1007%2fBF01097571&partnerID=40&md5=dd6819caf8d3595f9a8b505dd1d716ef0
	Korobov, V.I., Sklyar, G.M.	Time optimality and the power moment problem (1989) Mathematics of the USSR - Sbornik, 62 (1), pp. 185-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956103791&doi=10.1070%2fSM1989v062n01ABEH003235&partnerID=40&md5=4c5fb533b56cc771f64babd4325a4290

	Bessonov, G.A., Korobov, V.I. , Sklyar, G.M.	The problem of the stable synthesis of bounded controls for a certain class of non-steady systems (1988) Journal of Applied Mathematics and Mechanics, 52 (1), pp. 11-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45549116453&doi=10.1016%2F0021-8928%2888%2990052-4&partnerID=40&md5=570ee5cc13130fb8e8fb21e16b94458c6
	Korobov, V.I.	The almost-complete controllability of a linear stationary system (1986) Ukrainian Mathematical Journal, 38 (2), pp. 144-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250099023&doi=10.1007%2F01058470&partnerID=40&md5=9a9e5a2536b4fffa5f083d541e1d84b7
	Korobov, V.I.	A general approach to the solution of the bounded control synthesis problem in a controllability problem (1980) Mathematics of the USSR - Sbornik, 37 (4), pp. 535-557.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-6544268533&doi=10.1070%2FSM1980v037n04ABEH002094&partnerID=40&md5=b87b5d73a39fd885ad6c2beba162bcc5
	Korobov, V.I. , Kipriyanova, N.V.	The radiological diagnosis of branched cancer of the lung (1979) Voprosy Onkologii, 25 (12), pp. 3-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018653048&partnerID=40&md5=31add3a2cf2e834ce136c3cdd5aa75fe
	Shelkovkina, A.V., Korobov, V.I.	Silicetuberculosis as a scientific problem challenging phthisiology (1978) Problemy Tuberkuleza, 56 (9), pp. 20-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018128621&partnerID=40&md5=86251d4d34f83459b90e082e84592b48
	Vinner, M.G., Korobov, V.I. , Kartasov, V.M., Gluskov, V.R.	X-ray diagnosis of tumors and circumscribed inflammatory affections of the pleura [RONTGENDIAGNOSTIK VON TUMOREN UND UMSCHRIEBENEN ENTZUNDLICHEN AFFEKTIONEN DER PLEURA] (1978) Radiologia Diagnostica, 19 (2), pp. 227-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017953743&partnerID=40&md5=c54179274224bfca3f8fc13fe15f009
	Korobov, V.I. , Kut'in, G.K.	Basis for zonography in the diagnosis of pulmonary tuberculosis [K obosnovaniyu zonografii v diagnostike tuberkuleza legkikh.] (1978) Problemy Tuberkuleza, (6), pp. 45-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017976344&partnerID=40&md5=82b6c0f0fd4e164088a68c78ff0d9f54
	Korobov, V.I. , Kutyn, G.K.	On substantiation of zonography in diagnosing tuberculosis of the lungs (1978) Problemy Tuberkuleza, 56 (6), pp. 45-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017806151&partnerID=40&md5=4c3b070c0e35236f535d0973029cc1dc
	Korobov, V.I. , Glushkov, V.R., Khudiyakov, L.M.	Roentgeno biopsy diagnosis of diseases of the mediastinum (1977) Vestnik Rentgenologii i Radiologii, 52 (4), pp. 15-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017508655&partnerID=40&md5=2ac9d04c219f3a01cdfbd0c001817f2
	Korobov, V.I. , Lutsenko, A.V.	Controllability of a linear stationary system onto a subspace for an unfixed time (1977) Ukrainian Mathematical Journal, 29 (4), pp. 406-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250288500&doi=10.1007%2F01085810&partnerID=40&md5=e7de7ae25e33c5078eebe2bdbac45de8
	Korobov, V.I. , Kartashov, V.M.	Diagnosis of the plasmocytic granuloma of the lung (Russian) (1976) Grudnaya Khirurgiya, 18 (2), pp. 51-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017229120&partnerID=40&md5=ec035a3d7279bb31e7f7dda3abec82d
	Vinner, M.G., Shulutko, M.L., Korobov, V.I.	Dynamic observations in chronic bronchitis (roentgenological investigation) (Russian) (1976) Sovetskaya Meditsina, 39 (11), pp. 116-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017021488&partnerID=40&md5=e7fc87b3b881e5807a9af7f2e8f6f98
	Sidorov, V.P., Korobov, V.I.	Tentative thoracotomies for pulmonary cancer (Russian) (1975) Voprosy Onkologii, 21 (3), pp. 3-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016410822&partnerID=40&md5=208aa550dcb3a9db31a47b0c7208a494
	Sokolov, V.A., Korobov, V.I. , Ovchinnikova, N.G., Salitan, S.I.	X ray diagnosis and differential diagnosis of metastatic tumours of the lungs (Russian) (1975) Vestnik Rentgenologii i Radiologii, 50 (1), pp. 45-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016416937&partnerID=40&md5=0a39b29056cd0c401c4322e3f65655ba
	Vinner, M.G., Korobov, V.I. , Kartashov, V.M.	The transthoracic needle biopsy in the diagnosis of limited affections of the lungs (Russian) (1975) Vestnik Rentgenologii i Radiologii, 50 (4), pp. 40-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016533374&partnerID=40&md5=8936cd565c1a4022d148ec47d0d54a7e
	Korobov, V.I. , Kartashov, V.M., Glushkov, V.R.	Transthoracic needle biopsy in the precise diagnosis of malignant tumors of the lungs, pleura and mediastinum [Transtorakal'naia iglovaia biopsiia v utocnennoi diagnostike zlokachestvennykh opukholei legkikh plevry i sredosteniia] (1975) Voprosy Onkologii, 21 (3), pp. 97-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016415710&partnerID=40&md5=ff5a8d6b4f6235f40971ebf9837553da
	Korobov, V.I. , Altman, E.I.	Diagnosis and surgical treatment of broncholithiasis (Russian) (1974) Khirurgiya, 50 (8), pp. 76-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016095132&partnerID=40&md5=bb762118938005641f3bd9dd56465240
	Korobov, V.I.	X ray diagnosis of chronic nonspecific inflammatory affections of the lungs (Russian) (1973) Sovetskaya Meditsina, 36 (7), pp. 71-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015644956&partnerID=40&md5=adc95e55125dc61e1b1de1dd559b57b9
	Bardadym, A.G., Korobov, V.I. , Shchukin, B.N., Tret'yakova, L.V., Sadov, L.S.	NEW HYGROMETER FOR THE BLAST-FURNACE BLAST. (1973) Steel USSR, 3 (6), pp. 461-462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015630966&partnerID=40&md5=b2e71241a33701aeadd0a2481a65d6113
	Vinner, M.G., Korobov, V.I. , Kipriyanova, N.V., Prokudina, V.I.	Possibilities and limits in the radiologic diagnosis of pathological processes in the median pulmonary lobe [Möglichkeiten und Grenzen der Röntgendiagnostik pathologischer Prozesse des Lungen-Mittellappens.] (1972) Radiologia Diagnostica, 13 (2), pp. 13-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015450497&partnerID=40&md5=bbc88c853b59e4dfaf6ed031a17f420a
	Shulutko, M.L., Vinner, M.G., Korobov, V.I. , Tarasov, A.S., Sidorov, V.P.	Biopict methods of study in the diagnosis of cancer and other diseases of the lungs [Biopicticheskie metody issledovaniia v diagnostike raka i drugikh zabolevanii legkikh.] (1972) Voprosy Onkologii, 18 (12), pp. 68-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015463372&partnerID=40&md5=ef11f12c59a3ca3b29726d701c0af3d
	Alt'man, E.I., Korobov, V.I.	Diagnosis and surgical treatment of bronchial adenomas [Diagnostika i khirurgicheskoe lechenie adenom bronkha.] (1972) Khirurgiya, 48 (3), pp. 32-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015315302&partnerID=40&md5=fb59dc4cc78ead1aefd99cdfa5f48f8d
	Shulutko, M.L., Kazak, T.I., Korobov, V.I. , Mazur, G.I.	Progressive chronic pneumonia [Progressivnuiushchaia khronicheskaiia pnevmoniiia.] (1972) Grudnaya Khirurgiya, 14 (2), pp. 51-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015311141&partnerID=40&md5=7e99950c60a21c04e5a32f8a44e131df
	Korobov, V.I.	X-ray diagnosis of chronic nonspecific pneumonia [Rentgenodiagnostika khronicheskoi nespetsificheskoi pnevmonii.] (1972) Vestnik Rentgenologii i Radiologii, 47 (1), pp. 43-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015254796&partnerID=40&md5=9fcc0776072cd7bcd057f3f6ccde1d239
	Sidorov, V.P., Korobov, V.I.	X-ray mediastinoscopy in the diagnosis of lung cancer metastases in mediastinal lymph nodes [Rentgeno-mediastinoskopiia v diagnostike metastazov raka legkogo v limfaticheskie uzly sredosteniia.] (1971) Voprosy Onkologii, 17 (12), pp. 27-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015170358&partnerID=40&md5=46a63844bdf987aeec9814dda4b1285
	Shulutko, M.L., Vinner, M.G., Kazak, T.I., Korobov, V.I.	Chronic pneumonia [Khronicheskaya pnevmoniiia.] (1971) Klinicheskaya Meditsina, 49 (12), pp. 13-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015173921&partnerID=40&md5=52b44f9bf87ab9cb0854b44b5969dfa0
	Korobov, V.I. , Sokolov, V.A.	Tomography of the lungs in tuberculosis [K metodike tomografii legkikh pri tuberkuleze.] (1970) Problemy Tuberkuleza, 48 (10), pp. 42-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014902376&partnerID=40&md5=a786b911ca7476c8385f31a7075febd3
	Vinner, M.G., Korobov, V.I. , Trofimov, I.N., Sidorov, V.P.	Differential diagnosis of multiple enlarged intrathoracic lymph nodes [Differentsial'naia diagnostika mnozhestvennykh uvelichennykh vnutrigrudnykh limfaticheskikh uzlov.] (1970) Klinicheskaya Meditsina, 48 (12), pp. 117-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014920197&partnerID=40&md5=d9bbe0f0181eed154058a149373693e1
	Vinner, M.G., Korobov, V.I. , Gorbunova, E.V.	Clinical and roentgenologic characteristics of pulmonary adenomas [Kliniko-rentgenologicheskaiia kharakteristika adenom legkikh.] (1970) Voprosy Onkologii, 16 (8), pp. 24-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014913713&partnerID=40&md5=2e0ae6cdea9a5008b5e6629abd745d12

	Vinner, M.G., Korobov, V.I. , Kiprianova, N.V.	Roentgenodiagnosis and differential diagnosis of chronic nonspecific inflammatory processes in the middle lobe of the right lung [Rentgenodiagnostika i differentsialnaia diagnostika khronicheskikh nespetsificheskikh vospalitel'nykh protsessov v srednei dole pravogo legkogo.] (1970) Vestnik Rentgenologii i Radiologii, 45 (5), pp. 11-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014844992&partnerID=40&md5=880a001a3d43a60d4381a780206ea3ef
	Korobov, V.I. , Kiprianova, N.V.	The differential diagnosis of central cancer and inflammatory lesions of the middle lobe of the right lung [O differentsialnoi diagnostike tsentral'nogo raka i vospalitel'nykh porazhenii srednei dole pravogo legkogo.] (1970) Voprosy Onkologii, 16 (5), pp. 3-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014783543&partnerID=40&md5=15cd12763c53386ef5434804fbcdbcca
	Korobov, V.I.	Sets of accessibility (1970) USSR Computational Mathematics and Mathematical Physics, 10 (1), pp. 308-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49849110102&doi=10.1016%2F0041-5553%2870%2990092-3&partnerID=40&md5=fde7dd7138e182bc1492f2a952fb1a3b
	Korobov, V.I.	On attainability sets and the control of a linear system (1970) USSR Computational Mathematics and Mathematical Physics, 10 (4), pp. 51-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49849118698&doi=10.1016%2F0041-5553%2870%2990005-4&partnerID=40&md5=6c88ff951ee237d6824a3a4ff1e0a3de
	Vinner, M.G., Korobov, V.I. , Tarasov, A.S., Blinova, R.V.	Transthoracic puncture and catheterization biopsy in the diagnosis of spherical formations in the lungs [Transtorakalnaia punktsionnaia i kateterizatsionnaia biopsiia v diagnostike sharovidnykh obrazovanii legkikh.] (1970) Voprosy Onkologii, 16 (1), pp. 34-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014704326&partnerID=40&md5=e71d093c2b5513a4eaf74a47913ecb1
	Vinner, M.G., Korobov, V.I. , Zil'berm, E.P.	Incidence and diagnosis of megalotracheobronchus [O chastote i raspoznavanii trakheobronkhomegalii.] (1969) Klinicheskaya Meditsina, 47 (12), pp. 42-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014653141&partnerID=40&md5=d83939574767fa2cb8aacc029675091c
	Vinner, M.G., Korobov, V.I. , Zil'bert, E.P.	Effect of tension on x-ray tube and selective filtration of radiation on the quality of image in lung radiography [Vliianie napriazhenia na rentgenovskoi trubke i selektivnoi filtratsii izlucheniia na kachestvo izobrazheniia pri rentgenografii legkikh.] (1969) Vestnik Rentgenologii i Radiologii, 44 (6), pp. 70-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014605889&partnerID=40&md5=6da80809ae309b25da37c9ce7eb47dc9
	Korobov, V.I. , Vinner, M.G.	Technic of puncture biopsy of the lungs [O metodike punktsionnoi biopsii legkikh.] (1969) Vestnik Khirurgii Imeni I.I.Grekova, 103 (7), pp. 18-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014522874&partnerID=40&md5=dcfcd2ceca8d4fb4ad255d8ddc0eca
	Vinner, M.G., Korobov, V.I.	X-ray diagnosis of aspergillomas of the lungs [Rentgenodiagnostika aspergillum legkikh.] (1969) Vestnik Rentgenologii i Radiologii, 44 (2), pp. 32-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014480183&partnerID=40&md5=4601d9f4979ae5278a865e433b08f40
	Vinner, M.G., Korobov, V.I. , Tarasov, A.S., Vuberman, V.I., Trofimov, I.N.	A comparative evaluation of roentgenologic studies and catheterization biopsy in the diagnosis of lung cancer [Sravnitelnaia otsenka rantgenologicheskogo issledovaniia i kateterizatsionnoi biopsii v diagnostike perifericheskogo raka legkogo.] (1969) Voprosy Onkologii, 15 (6), pp. 11-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014464223&partnerID=40&md5=b51e87f5d72eb5fafb8433fae1e27b31
	Korobov, V.I.	The convergence of a variant of the method of dynamic programming for optimal control problems (1968) USSR Computational Mathematics and Mathematical Physics, 8 (2), pp. 260-270.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49949131457&partnerID=40&md5=40770d055607e49ba9867c4ab2bab352
	Vinner, M.G., Korobov, V.I.	The role of tomo- and bronchography in the diagnosis of cancer of the lungs [Rol' tomo- i bronkhografii v raspoznavanii.] (1968) Voprosy Onkologii, 14 (6), pp. 32-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014365649&partnerID=40&md5=2b179f8c65d4a0eb850993b0f190265
	Korobov, V.I. , Zil'bert, E.P., Gorbunova, E.V.	Carcinoma of the lung [Kartsinosarkoma legkogo.] (1968) Voprosy Onkologii, 14 (10), pp. 100-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014369324&partnerID=40&md5=b85dd91e64181be125a4a60e93425509
	Vinner, M.G., Korobov, V.I. , Kipiani, N.M., Zil'bert, E.P.	On the problem of the middle lobe syndrome in silicosis [K voprosu o srednedolevom sindrome pri silikoze.] (1968) Meditsina Truda i Promyshlennaya Ekologiya, 12 (9), pp. 26-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014335706&partnerID=40&md5=e437937883944a99165862c5e8fcd14
	Vinner, M.G., Gite'zman, G.I., Korobov, V.I.	The diagnosis and differential diagnosis of broncholithiasis [Diagnostika i differentsialnaia diagnostika bronkholitiaza.] (1968) Klinicheskaya Meditsina, 46 (6), pp. 140-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014291877&partnerID=40&md5=b5216d0b1ec738b8a79e37547b0f4e81
	Korobov, V.I.	The technic of tomographic examination of the trachea and large bronchi [K metodike tomograficheskogo issledovaniia trakhei i krupnykh bronkhov.] (1968) Vestnik Rentgenologii i Radiologii, 43 (2), pp. 43-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014256985&partnerID=40&md5=e4e7b3082a9f5a11f158fe0a6a332
	Shulutko, M.L., Vinner, M.G., Korobov, V.I.	Diagnosis and surgical treatment of the middle lobe syndrome in children and adolescents [Diagnostika i khirurgicheskoe lechenie srednedolevogo sindroma u detei i prodstokv.] (1968) Vestnik Khirurgii Imeni I.I.Grekova, 100 (1), pp. 36-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014243124&partnerID=40&md5=570ec38e07edb7651b728015c8b8d815
	Vinner, M.G., Zil'bert, E.P., Korobov, V.I.	Tracheobronchomegaly [Trakheobronkhomegalia.] (1967) Problemy Tuberkuleza, 45 (2), pp. 88-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014160135&partnerID=40&md5=1675091eaa9bac0bd09f9ead7f29a0
	Shulutko, M.L., Vinner, M.G., Zislin, B.D., Tarasov, A.S., Shiriak, M.I., Altman, E.I., Korobov, V.I.	Resection and plastic surgery of the bronchi in tuberculosis [Rezektiia i plastika bronkhov pri tuberkuleze.] (1967) Problemy Tuberkuleza, 45 (10), pp. 21-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014168204&partnerID=40&md5=2c95badb623c8c6839dcbc655b7cb234
	Shulutko, M.L., Vinner, M.G., Korobov, V.I. , Gite'zman, G.I.	Experience with diagnosis and surgical treatment of broncholithiasis [Opyt diagnostiki i khirurgicheskogo lecheniia bronkholitiaza.] (1966) Grudnaya Khirurgiya, 8 (6), pp. 54-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013967137&partnerID=40&md5=15d8199201ce88be68f97fe543f06be6
	Korobov, V.I.	The use of moist blast under modern conditions of blast-furnace smelting (1966) Metallurgist, 10 (8), pp. 434-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250506411&doi=10.1007%2FbF00735781&partnerID=40&md5=6bbf11357f55635bc282936c91b9936e
19	Katrich, V.A., Nesterenko, M.V., Khizhnyak, N.A.	Asymptotic solution of integral equation for magnetic current in slot radiators and coupling apertures (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 63 (2), pp. 89-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747041598&doi=10.1615%2FTelecomRadEng.v63.i2.10&partnerID=40&md5=0b36adbc9eca2d9f33a09127f0b251a8
	Bryzgalov, G.A., Khizhnyak, N.A.	Resonance fine structure of electromagnetic waves in a dielectric sphere (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 59 (10-12), pp. 161-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7794993526&doi=10.1615%2FTelecomRadEng.v59.i10.12.210&partnerID=40&md5=c1b6ec43b1b40a58ed29007062ff05fb
	Rashkovan, V.M., Khizhnyak, N.A. , Basteev, A.V., Bazyma, L.A., de Rivera, L. N., Ponomaryova, I.A.	Interaction of electromagnetic waves with granular agricultural product and bastes (2003) Journal of Microwave Power and Electromagnetic Energy, 38 (4), pp. 225-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3142756341&partnerID=40&md5=096c07cc4e5c5afb390edcb61913b30
	Kramarenko, E.Yu., Khizhnyak, N.A.	Effect of periodic faults in the layer thickness of a dielectric grating upon its dispersion properties (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (4), pp. 23-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28244444545&partnerID=40&md5=cae7954e727f4a472c58b571e7b90
	Shchagin, A.V., Khizhnyak, N.A. , Fiorito, R.B., Rule, D.W., Artur, X.	Parametric X-ray radiation for calibration of X-ray space telescopes and generation of several X-ray beams (2001) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 173 (1), pp. 154-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035149237&doi=10.1016%2FS0168-583X%2800%2900059-8&partnerID=40&md5=4a329181663bb6f39b522bbfc8d7edbb
	Khizhnyak, N.A.	Investigation of the amplitudes of wave scattering by resonance bodies in free space and in waveguides (2000) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 54 (5-6), pp. 124-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844536621&partnerID=40&md5=2394000b6a0d1f59b5722c3a8c8df6f
	Khizhnyak, N.A.	Radiation of electrical vibrator in anisotropic plasma (2000) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 54 (2), pp. 20-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844495819&partnerID=40&md5=50f1878c9c48be9be52e414a55c0c137

Kravchenko, V.F., Pustovoi, V.I., Khizhnyak, N.A. , Yatsenko, N.M.	The excitation of a system of superconducting antennas (2000) Doklady Akademii Nauk, 371 (3), pp. 322-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748823562&partnerID=40&md5=772c8f867993c0419d62ef92f1af6f46
Kravchenko, V.F., Pustovoi, V.I., Khizhnyak, N.A. , Yatsenko, N.M.	Excitation of a system of superconducting antennas (2000) Doklady Physics, 45 (3), pp. 108-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034343234&partnerID=40&md5=18fc83ed13e85d94db5e8fb6d8813da
Khizhnyak, N.A. , Yatsenko, N.M., Yatsenko, E.A.	The linear wire in anisotropic medium (2000) International Conference on Transparent Optical Networks, 2000-January, art. no. 874140, pp. 147-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949785544&doi=10.1109%2FICTON.2000.874140&partnerID=40&md5=8c75e64def92f7b3cfd6db5044f4dd6
Khizhnyak, N.A.	Effect of small anisotropy on dipole antenna characteristics (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (4-5), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844450451&partnerID=40&md5=a782a3e606fb87b1fc8d3b8fb5feb764
Bakumenko, A.V., Khizhnyak, N.A.	Reflection and refraction of narrow Gaussian beam (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (9-10), pp. 186-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044467561&partnerID=40&md5=82eaf7f73c31f74fe8fd6c08bb1164
Bakumenko, A.V., Kramarenko, K.Y., Khizhnyak, N.A.	Dielectric grating with shift (1999) International Conference on Transparent Optical Networks, 09-11-June-1999, art. no. 781860, pp. 113-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008967513&doi=10.1109%2FICTON.1999.781860&partnerID=40&md5=fcc415c3710709405de7156840b44e5f
Bakumenko, A.V., Khizhnyak, N.A.	Integral representation of the Hermite-Gaussian beam of complex argument (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 1-3.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844598321&partnerID=40&md5=a6aad6c66739bc835c2e790bf96a73a
Nerukh, A.G., Khizhnyak, N.A.	Enhanced reflection of an electromagnetic wave from a plasma cluster moving in a waveguide (1998) Microwave and Optical Technology Letters, 17 (4), pp. 267-273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032028168&partnerID=40&md5=64b481503193aea1fc98ec2b3b79ef3a
Bakumenko, Alexander V., Khizhnyak, Nikolay A.	Description of the gaussian beam excited surface wave (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 520-522.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230703&partnerID=40&md5=78b972d96502c648d802fb8b2536fd4
Prymenko, S.D., Khizhnyak, N.A.	Resonant excitation of an impedance dipole antenna in a circular waveguide (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (10), pp. 4-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844494204&partnerID=40&md5=79c4c8933e0f0e33ca10a851d8272619
Kramarenko, Katerina Yu., Khizhnyak, Nikolay A.	Diffraction of plane wave on dielectric groove (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 206-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230696&partnerID=40&md5=adf4a59c8a16c5dde6b2cf229815c462
Alexandrova, A.A., Alexandrov, Y.N., Khizhnyak, N.A.	General problem of MHD wave diffraction by MHD inhomogeneity of arbitrary shape (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 649-651.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230821&partnerID=40&md5=2f1c983483fa5f91f8e881911fdcc623
Jatsenko, E.A., Jatsenko, N.M., Khizhnyak, N.A.	Radiation of a system of impedance wire antennas in anisotropic medium (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 574-576.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230591&partnerID=40&md5=eaacd737e06767c2bad2572b7a2de893
Prijmenko, S.D., Brjuzgalov, G.A., Khizhnyak, N.A.	Resonance frequency of the H-type accelerator structure (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 819-821.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230978&partnerID=40&md5=830711c7475c9d8214db5e1086299c8f
Zolotarev, V.M., Karpushenko, V.P., Kutovoj, V.A., Kutovoj, S.V., Makhan'kov, V.I., Peshkov, I.B., Khizhnyak, N.A.	Ecologically pure vacuum installation for cable drying in paper insulation (1998) Elektrotehnika, (5), pp. 10-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032069567&partnerID=40&md5=bdb4039a0807d3a07ae9df2e14020352
Khizhnyak, N.A. , Jatsenko, N.M., Jatsenko, E.A.	System of impedance vibrators in anisotropic plasma (1998) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 1, pp. 428-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031637709&partnerID=40&md5=ad7901cbe302804392d01cb35c3af2b8
Alexandrova, A.A., Alexandrov, Y.N., Khizhnyak, N.A.	Resonant phenomena in the magnetohydrodynamic media (1998) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 1, pp. 432-435.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031631928&partnerID=40&md5=ab779b37e29477239c9c6fa99c07129
Khizhnyak, N.A. , Priymenko, S.D.	Resonance excitation of a radially oriented coupled impedance dipole (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (5), pp. 84-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044434430&partnerID=40&md5=4393b820107d67c5ca5cacbac2b04ecf
Yachin, V.V., Ryazantseva, N.V., Khizhnyak, N.A.	The scattering of electromagnetic waves by periodic magnetodielectric structures with arbitrary profiles and inhomogeneous media (1997) Journal of Electromagnetic Waves and Applications, 11 (10), pp. 1349-1366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031378856&partnerID=40&md5=8ba63cf1bbfe03a95931352cf785c9ce
Prijmenko, S., Khizhnyak, N.	Effective algorithm to calculate the Green function and its derivatives in the circular waveguide (1996) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 132-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030392372&partnerID=40&md5=d8d539b7bef3e25682e1a785458ee210
Khizhnyak, N.A. , Ryazantseva, N.V., Yachin, V.V.	The scattering of electromagnetic waves by a periodic magnetodielectric layer (1996) Journal of Electromagnetic Waves and Applications, 10 (5), pp. 731-739.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029694983&partnerID=40&md5=03011f36a08db36375bdf188242c6062
Shchagin, A.V., Khizhnyak, N.A.	Differential properties of parametric X-ray radiation from a thin crystal (1996) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 119 (1-2), pp. 115-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030565839&partnerID=40&md5=299bea6d1bb33a8349653ee81db1af2
Shchagin, A.V., Pristupa, V.I., Khizhnyak, N.A.	Parametric X-ray radiation from relativistic electrons in a crystal in the vicinity of and at angular distance from a Bragg direction (1995) Nuclear Inst. and Methods in Physics Research, B, 99 (1-4), pp. 277-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25744432304&doi=10.1016%2F0168-583X%2895%2900226-X&partnerID=40&md5=a65753e3624f61f1681ff48f39894f2f
Shchagin, A.V., Pristupa, V.I., Khizhnyak, N.A.	K-shell ionization cross section of Si atoms by relativistic electrons (1994) Nuclear Inst. and Methods in Physics Research, B, 84 (1), pp. 9-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243582563&doi=10.1016%2F0168-583X%2894%2995696-0&partnerID=40&md5=85857bf65b945f2df328a18149ce9505
Skirta, E.A., Khizhnyak, N.A.	Dielectric properties of bulk anisotropic structures and multiphase mixtures (1993) Electromagnetics, 13 (4), pp. 389-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027681954&doi=10.1080%2F02726349308908360&partnerID=40&md5=f0d0086b2d8b12293304e96a764578c
Aleksandrova, A.A., Khizhnyak, N.A.	Farfield investigation of steady magnetohydrodynamic flow around an ellipsoidal inhomogeneity (1991) Magnetohydrodynamics New York, N.Y., 27 (1), pp. 1-4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026183882&partnerID=40&md5=203ef79945a7b43a9acfd1bf189887b
Khizhnyak, N.A. , Yatsenko, N.M.	Excitation of a linear antenna arbitrary oriented in magnetized plasma (1991) Izvestiya VUZ: Radioelektronika, 34 (2), pp. 75-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026109487&partnerID=40&md5=669ef35fd192a6368442971c92dc5096
Khizhnyak, N.A. , Yatsenko, N.M.	Characteristics of an electric dipole in an anisotropic plasma (1991) Soviet journal of communications technology & electronics, 36 (6), pp. 103-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025814455&partnerID=40&md5=5e00f7323056db33f2fd4e824501550a
Aleksandrova, A.A., Khizhnyak, N.A.	A study of a steady MHD flow around an elliptical inhomogeneity in the distant zone (1991) Magnitnaya Gidrodinamika, (1), pp. 3-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025927363&partnerID=40&md5=2202fd697e8a61ab48f7f0539de87d35
Shchagin, A.V., Pristupa, V.I., Khizhnyak, N.A.	A fine structure of parametric X-ray radiation from relativistic electrons in a crystal (1990) Physics Letters A, 148 (8-9), pp. 485-488.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000767866&doi=10.1016%2F0375-9601%2890%2990504-H&partnerID=40&md5=0ba1cb384b92f091850e97cda9c697e0
Borovskii, I.V., Gamulya, O.G., Khizhnyak, N.A.	Scattering of electromagnetic waves by an artificially anisotropic layer of different materials (1990) Radiophysics and Quantum Electronics, 33 (8), pp. 693-701.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249962413&doi=10.1007%2FBF01039742&partnerID=40&md5=02529e6654d9c9bfede1c57d613cd55

	Khizhnyak, N.A. , Mogan, T.K., Ukrainets, N.I.	Reflection of an electromagnetic wave from cylindrical liquid inhomogeneities in a rectangular waveguide (1990) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 45 (7), p. 134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025451630&partnerID=40&md5=7668e76394f17af976b6bb155ddc250b
	Getmanova, Ye.Ye. , Lyapunov, N.V., Khizhnyak, N.A.	Nature of the variation of the resonant frequency and Q-factor as a function of the ratio of the dimensions of dielectric resonators and screens (1990) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 45 (6), pp. 79-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025436101&partnerID=40&md5=1cab206efdc6d08ec32a57a3fb99c87d
	Voronko, V.A., D'yachenko, V.M., Kostin, V.Y., Levchuk, L.G., Miroshnik, V.S., Migaleny, V.Y., Tolstov, K.D., Khizhnyak, N.A.	Generation of neutrons in a long lead target (1990) Soviet Atomic Energy, 68 (6), pp. 529-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025548531&doi=10.1007%2FBF02073307&partnerID=40&md5=d1eccbada34765bfbfb9bc1c9ff0d
	Nerukh, A.G., Khizhnyak, N.A. , Minko, P.E.	Electromagnetic wave reflection from a stratified plasma cluster moving in a waveguide (1990) Radiophysics and Quantum Electronics, 33 (5), pp. 453-456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1884442677&doi=10.1007%2FBF01045413&partnerID=40&md5=56d1f60774d12e7bc9665bbf25130ed1
	Aleksandrova, A.A., Khizhnyak, N.A.	Investigating the internal magnetic and velocity fields of an ellipsoid (1990) Magnetohydrodynamics New York, N.Y., 26 (1), pp. 1-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024983087&partnerID=40&md5=62233ebf3cb6d37b19875b2b1e35be1
	Chuprina, V.N., Khizhnyak, N.A. , Ukrainets, N.I.	Resonance properties of a dielectric cube in a rectangular waveguide (1989) Radiophysics and Quantum Electronics, 32 (11), pp. 1039-1042.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249959803&doi=10.1007%2FBF01037208&partnerID=40&md5=4c6024ce498a0af7372c3231fed1426
	Voronko, V.A., D'yachenko, V.M., Kostin, V.Ya., Migaleny, V.Ya., Miroshnik, V.S., Nikityuk, N.M., Sidorenko, V.V., Tolstov, K.D., Frontas'eva, M.V., Khizhnyak, N.A.	Interaction of relativistic protons and ¹² C nuclei with a lead target (1989) Soviet Atomic Energy, 66 (3), pp. 252-254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024725085&doi=10.1007%2FBF01123702&partnerID=40&md5=37a12de25197ec10d5767472826bbe54
	Kukhtin, M.P., Lobachev, V.P., Khizhnyak, N.A.	Controllable coupling in a beyond-cutoff waveguide partially filled with dielectric (1988) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 43 (5), pp. 142-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024010421&partnerID=40&md5=0c8e5a73c5b71f4cf881929cec727a34
	Aleksandrova, A.A., Khizhnyak, N.A.	Diffraction of magnetohydrodynamic waves by a corrugated interface (1988) Radiophysics and Quantum Electronics, 31 (4), pp. 331-337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250094151&doi=10.1007%2FBF01034457&partnerID=40&md5=b12fbd163d4901bd9b8d7ae0f373560
	Aleksandrova, A.A., Khizhnyak, N.A.	Reflection and refraction of Alfvén waves by a moving flat nonuniformity in a conducting medium (1988) Magnetohydrodynamics New York, N.Y., 23 (4), pp. 359-364.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023984966&partnerID=40&md5=8f9a78951441409c356ff57e706ec4b2
	Popov, V.A., Cherkasova, K.P., Kukhtin, M.P., Khizhnyak, N.A.	Resonant reflection from a metal-coated insulating sphere in a waveguide (1988) Radiophysics and Quantum Electronics, 31 (1), pp. 70-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250089850&doi=10.1007%2FBF01034574&partnerID=40&md5=3568cde922b4b17d17b37f31e2ab0f49
	Borovskii, I.V., Khizhnyak, N.A.	Diffraction of electromagnetic waves at periodic boundaries between two media (1986) Radiophysics and Quantum Electronics, 29 (5), pp. 437-446.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022710604&doi=10.1007%2FBF01035138&partnerID=40&md5=fccf73e812aad888d71ee5cd6685fa2
	Borovskii, I.V., Khizhnyak, N.A.	Electromagnetic-wave diffraction by a thick dielectric comb and by a rectangular-rod array (1983) Radiophysics and Quantum Electronics, 26 (2), pp. 179-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020703754&doi=10.1007%2FBF01039842&partnerID=40&md5=1471778b94436932e8adc8cd375baf2f
	Aleksandrova, A.A., Khizhnyak, N.A.	DIFFRACTION OF MHD WAVES BY A PLASMA ELLIPSOID. (1981) Soviet physics. Technical physics, 26 (11), pp. 1322-1325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019641251&partnerID=40&md5=8ad26467084f763499afe2b64a253fd3
	Lymar', A.G., Pristupa, V.I., Khizhnyak, N.A.	ION ACCELERATION IN A HIGH-CURRENT NONRELATIVISTIC ELECTRON BEAM INJECTED INTO A NEUTRAL GAS. (1981) Soviet physics. Technical physics, 26 (10), pp. 1196-1198.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019624780&partnerID=40&md5=ae3b2c16d500f8dc1a72ed72cdf9e46
	Petlenko, V.A., Khizhnyak, N.A.	Resonant scattering of electromagnetic waves by thin conductors in a rectangular waveguide (1981) Radiophysics and Quantum Electronics, 24 (4), pp. 325-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019551803&doi=10.1007%2FBF01034771&partnerID=40&md5=efc0b02e683b8074a9f5546bf59f1978
	Belei, A.S., Kaplin, S.S., Khizhnyak, N.A. , Shulika, N.G.	CURRENT LIMITATION IN AN ACCELERATOR WITH VARIABLE - PHASE FOCUSING. (1981) Information sciences, 23 (3), pp. 736-738.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019551440&partnerID=40&md5=e4db9a79b38f0fc2ce7b8368a9394fe
	Belei, A.S., Kabanov, V.S., Kaplin, S.S., Khizhnyak, N.A. , Shulika, N.G.	Current limitation in an accelerator with variable-phase focusing (1980) Soviet Atomic Energy, 49 (5), pp. 736-738.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250236944&doi=10.1007%2FBF01120742&partnerID=40&md5=a01aff1a51b58c4b899174c4be8e6f12
	Gal, L.K., Ukrainets, N.I., Khizhnyak, N.A.	SCATTERING OF ELECTROMAGNETIC WAVES BY A FINITE SIZED DIELECTRIC INSET IN A RECTANGULAR WAVEGUIDE. (1980) Soviet physics. Technical physics, 25 (8), pp. 925-930.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019052888&partnerID=40&md5=a9ec9c82df54ae8bcc9ebfb3952d218
	Nerukh, A.G., Khizhnyak, N.A.	Reflection of radio waves from a moving plasma cluster in a waveguide (1980) Radiophysics and Quantum Electronics, 23 (5), pp. 345-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019013221&doi=10.1007%2FBF01033729&partnerID=40&md5=d8a034193a4ddcac3b8d9a8197cb2c29
	Bezrodnyi, Yu.G., Bomko, V.A., Repalov, N.S., Rudyak, B.I., Khizhnyak, N.A.	CONTROLLING THE E WAVE FIELD DISTRIBUTION USING A HIGH-Q PASSIVE RESONATOR. (1979) Radio engineering & electronic physics, 24 (10), pp. 18-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018526353&partnerID=40&md5=c2198aeaa19c89e66c04f092eed92577
	Nerukh, A.G., Khizhnyak, N.A.	Interaction of electromagnetic waves with the boundary of a relativistically moving medium in the presence of waveguide dispersion (1978) Radiophysics and Quantum Electronics, 21 (10), pp. 1037-1041.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018023148&doi=10.1007%2FBF01034624&partnerID=40&md5=4382e8ff6a760508499bc4dbfe4bea25
	Petlenko, V.A., Khizhnyak, N.A.	Scattering of electromagnetic waves by ideally conducting bodies in a rectangular waveguide (1978) Radiophysics and Quantum Electronics, 21 (9), pp. 921-925.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018012129&doi=10.1007%2FBF01031727&partnerID=40&md5=554249ebe7b9b2e92ab78e97aec25bbd
	Korobkin, V.A., Khizhnyak, N.A.	Waveguide-dielectric resonance of a dielectric sample in a rectangular waveguide (1978) Radiophysics and Quantum Electronics, 21 (4), pp. 385-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017951380&doi=10.1007%2FBF01031557&partnerID=40&md5=a86dd8d556012ac3e2b8b36ab8a6f3bb
	Cherkasova, K.P., Lomonosov, M.I., Khizhnyak, N.A.	Diffraction of a plane electromagnetic wave at a sphere with magnetic anisotropy (1977) Radiophysics and Quantum Electronics, 20 (6), pp. 631-638.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017500905&doi=10.1007%2FBF01033770&partnerID=40&md5=d6d9c872be641ca0987ebf46a8a0ea01
	Eliseev, A.I., Khizhnyak, N.A.	Theoretical investigation of an arithmetic-helix antenna of finite dimensions (1976) Radiophysics and Quantum Electronics, 17 (8), pp. 918-924.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250390560&doi=10.1007%2FBF01037091&partnerID=40&md5=fd02d3a5395b088ece4db99c2e44b089
	Aleksandrova, A.A., Khizhnyak, N.A.	Near field diffracted at a dielectric wedge (1976) Journal of Applied Mechanics and Technical Physics, 17 (4), pp. 594-599.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250289214&doi=10.1007%2FBF00852020&partnerID=40&md5=4d15a87ec8d72d509573ed64785a9322
	Ushakov, V.M., Khizhnyak, N.A.	A rectangular waveguide loaded by a semiinfinite chain of ferrite spheres (1975) Radiophysics and Quantum Electronics, 16 (6), pp. 723-728.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250407170&doi=10.1007%2FBF01031508&partnerID=40&md5=bc7d59c8e166d39f11a59920cb46b3d0
	Shcherbinin, G.P., Khizhnyak, N.A.	NONLINEAR THEORY OF THE TWO-STREAM INTERACTION. (1975) Sov Phys Tech Phys, 20 (2), pp. 145-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016599267&partnerID=40&md5=efc9c7326edb10b5f0953eccc8fd1ecd
	Popov, V.A., Khizhnyak, N.A.	Theory of cylindrical resonators loaded nonsymmetrically by a dielectric resonant perturbation (1975) Radiophysics and Quantum Electronics, 18 (11), pp. 1237-1245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016578993&doi=10.1007%2FBF01037117&partnerID=40&md5=2dc87bb66388cd39afde93d1be4d122b

	Aleksandrova, A.A., Khizhnyak, N.A.	DIFFRACTION OF ELECTROMAGNETIC WAVES BY A DIELECTRIC WEDGE. (1975) Sov Phys Tech Phys, 9 (11), pp. 1385-1389.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016508193&partnerID=40&md5=4a916f483789ec85750733e619903d0a
	Kozar', A.I., Khizhnyak, N.A.	Resonant Scattering of Electromagnetic Waves on a Dielectric Sphere in a Waveguide. (1975) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 18 (1), pp. 29-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016433309&partnerID=40&md5=776389fce070877d416fbfbbf7ac6e7c
	Gal, L.K., Khizhnyak, N.A.	The scattering of electromagnetic waves by a thin infinitely long metallic rod having an elliptical cross section (1974) Radiophysics and Quantum Electronics, 14 (10), pp. 1255-1265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250424220&doi=10.1007%2fBF01035077&partnerID=40&md5=f437e82363d19f852be2f096a56f688b
	Tyzhenko, A.G., Khizhnyak, N.A.	RESONANCE SCATTERING OF ELECTROMAGNETIC WAVES BY A PLASMA BUNCH. (1974) Radio Eng Electron Phys, 19 (11), pp. 13-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016122868&partnerID=40&md5=3f9b4e64a63d3d9684d1f38ae4a82315
	Nerukh, A.G., Khizhnyak, N.A.	RESONANCE PROPERTIES OF A PULSATING DIELECTRIC SPHERE. (1974) Sov Phys Tech Phys, 19 (2), pp. 166-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016092790&partnerID=40&md5=68dd918981fbeb05b98b9456da5ea42
	Dolgov, A.S., Khizhnyak, N.A.	Collision of an atom with a thin film on a substrate (1973) Soviet Physics Journal, 13 (11), pp. 1526-1527.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250472085&doi=10.1007%2fBF00818379&partnerID=40&md5=12730c342bd580faf3dd675de4cc974f
	Tyzhenko, A.G., Khizhnyak, N.A.	SCATTERING OF RADIO WAVES FROM A PLASMA ELLIPSOID WITH VARIABLE PLASMA CONCENTRATION. (1973) Radio Eng Electron Phys, 17 (1), pp. 17-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015545268&partnerID=40&md5=40fc9cd2c88d823256e973d757be66a
	Dolgov, A.S., Khizhnyak, N.A.	On the temporal development of oscillations in a one-dimensional chain of coupled harmonic oscillators (1972) Soviet Applied Mechanics, 5 (11), pp. 1226-1229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250465308&doi=10.1007%2fBF00887721&partnerID=40&md5=ebc32b0742f38b9cde99e514e65fb834
	Lysenko, O.E., Khizhnyak, N.A.	Scattering of electromagnetic waves at a small anisotropic dielectric ellipsoid, expanded up to and including terms in $(a/\lambda)^2$ (1972) Radiophysics and Quantum Electronics, 11 (4), pp. 311-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250470615&doi=10.1007%2fBF01038735&partnerID=40&md5=542fb07db4ad1036b4af39ea19d42c56
	Dolgov, A.S., Khizhnyak, N.A.	Theory of the ionization loss of fast electrons. II (1972) Soviet Physics Journal, 12 (11), pp. 1383-1388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250459608&doi=10.1007%2fBF00838286&partnerID=40&md5=8832f963a042f791a8aa627d1c36a478
	Lysenko, O.E., Khizhnyak, N.A.	Equilibrium of a rotating plasma ellipsoid in high-frequency external fields in the presence of a constant magnetic field (1972) Radiophysics and Quantum Electronics, 12 (8), pp. 892-898.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250459574&doi=10.1007%2fBF01031186&partnerID=40&md5=d405d3b923d322e92bc519b33445bf8
	Dolgov, A.S., Khizhnyak, N.A.	Theory of the ionization losses of fast electrons (1972) Soviet Physics Journal, 12 (9), pp. 1231-1233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250467160&doi=10.1007%2fBF00813451&partnerID=40&md5=8e87488b0650ca887a41b1a6ebca00ca
	Aseev, G.G., Kuznetsova, G.G., Repalov, N.S., Safronov, B.G., Khizhnyak, N.A.	The instability of an electron beam in a spatially periodic electric field (1970) Soviet Atomic Energy, 28 (6), pp. 654-656.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250500485&doi=10.1007%2fBF01223651&partnerID=40&md5=d11bb22974b60ad150d06f4a704713a4
19	Beryozkina, T.V., Kolos, N.N., Bakulev, V.A.	Multicomponent and domino reactions of 3-arylacrylic acids in the synthesis of heterocycles (2016) Chemistry of Heterocyclic Compounds, 52 (9), pp. 651-657.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994410754&doi=10.1007%2f10593-016-1945-0&partnerID=40&md5=1a065057cb14cbafa8c2da767f476f9c
	Kolos, N.N., Zubar, V.V., Omelchenko, I.V., Musatov, V.I.	Three-component synthesis of tetrasubstituted pyrroles by condensation with amines and arylglyoxals (2016) Chemistry of Heterocyclic Compounds, 52 (4), pp. 237-243.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969962175&doi=10.1007%2f10593-016-1869-8&partnerID=40&md5=f302e99434dddf51c7898cfad7b68
	Chechina, N.V., Zubar, V.V., Omelchenko, I.V., Kolos, N.N.	One-pot synthesis of new derivatives of 3,4-dihydropyrimidinone, and substituted imidazolin-2-ones (2015) Arkivoc, 2015 (7), pp. 293-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949797247&doi=10.3998%2fark.5550190.p009.3248&partnerID=40&md5=b9aec5d07bd5338fe53ee73f9389b41
	Chechina, N.V., Kravchuk, O.F., Omelchenko, I.V., Shishkin, O.V., Kolos, N.N.	The synthesis of novel hexahydroindeno[1,4-b]diazepin-1-one derivatives (2015) Arkivoc, 2015 (7), pp. 77-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949962782&doi=10.3998%2fark.5550190.p009.195&partnerID=40&md5=cb857093e0bfca564d24d81a9b9df5c
	Kolos, N.N., Kibkalo, B.V., Zamigaylo, L.L., Omelchenko, I.V., Shishkin, O.V.	One-pot synthesis of imidazo[1,2-b]pyrazole derivatives (2015) Russian Chemical Bulletin, 64 (4), pp. 864-871.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950145118&doi=10.1007%2f11172-015-0946-y&partnerID=40&md5=145e117a24d2c47bc512aeec516bc74c
	Kolos, N.N., Chechina, N.V., Zamigailo, L.L., Vashchenko, E.V.	Simple and efficient synthesis of trisubstituted imidazoles (2013) Chemistry of Heterocyclic Compounds, 49 (6), pp. 872-881.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884770808&doi=10.1007%2f10593-013-1321-2&partnerID=40&md5=c22100b5315d224473b2823b6b7c96ea
	Tolstoluzhsky, N., Nikolaenko, P., Gorobets, N., Van Der Eycken, E.V., Kolos, N.	Efficient synthesis of uracil-derived hexa- and tetrahydropyrido[2,3-d]pyrimidines (2013) European Journal of Organic Chemistry, (24), pp. 5364-5369.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881664711&doi=10.1002%2fajoc.201300683&partnerID=40&md5=c73cf7a5efad972e0deb8abf85d336
	Kolos, N.N., Zamigailo, L.L., Chechina, N.V., Omelchenko, I.V., Shishkin, O.V., Vashchenko, E.V.	Three-component condensation of 1,3-dimethyl-barbituric acid, arylglyoxals, and substituted thioureas (2013) Chemistry of Heterocyclic Compounds, 48 (12), pp. 1817-1823.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879498243&doi=10.1007%2f10593-013-1214-4&partnerID=40&md5=6de887a0a64ac9c7d44cf4d14ff95a72
	Kolos, N.N., Kovalenko, L.U., Borovskoy, V.A.	Reactions of 3-arylacrylic esters with α -aminoazoles (2011) Khimiya Geterotsiklicheskikh Soedinenii, (8), pp. 1198-1204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053985984&partnerID=40&md5=79a6c4b7f99590fd32315d691dab3f0
	Kolos, N.N., Kovalenko, L.U., Borovskoy, V.A.	Reactions of 3-arylacrylates with α -aminoazoles (2011) Chemistry of Heterocyclic Compounds, 47 (8), pp. 983-988.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855335073&doi=10.1007%2f10593-011-0864-3&partnerID=40&md5=9f23369ec827bf50362fa144b614801e
	Kolos, N.N., Zamigaylo, L.L., Musatov, V.I.	The investigation of 5-(2-aryl-2-oxoethylidene)-1,3-dimethylbarbituric and thiobarbituric acids: the reactions with thioureas and thioacetamide (2009) Khimiya Geterotsiklicheskikh Soedinenii, (8), pp. 1220-1226+1279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350726763&partnerID=40&md5=4155a9a8b33813351eb6735c07c121bd
	Kolos, N.N., Zamigaylo, L.L., Musatov, V.I.	Investigations on 5-(2-aryl-2-oxo-ethylidene)-1,3-dimethylbarbituric and thiobarbituric acids: Reactions with thioureas and thioacetamide (2009) Chemistry of Heterocyclic Compounds, 45 (8), pp. 970-975.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72249091496&doi=10.1007%2f10593-009-0365-9&partnerID=40&md5=97d504bd18e102187a99dbbec4a95d5f
	Kolos, N.N., Kovalenko, L.Yu., Kulikov, A.Yu.	Rearrangement in the series of 3-(2-aryl-2-oxoethyl)-3,4-dihydroquinoxalin-2(1H)-ones (2009) Russian Chemical Bulletin, 58 (5), pp. 1041-1048.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955740815&doi=10.1007%2f11172-009-0133-0&partnerID=40&md5=94d5b5809202fe95e70610505783c4a5
	Kolos, N.N., Gozalishvili, L.L., Sivokon', E.N., Knyazeva, I.V.	Reaction of 4-hydroxycoumarin with arylglyoxals and ureas (2009) Russian Journal of Organic Chemistry, 45 (1), pp. 119-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-60849112572&doi=10.1134%2f1070428009010151&partnerID=40&md5=a54a93297fb7493695ab262269ec0c12
	Tolstoluzhsky, N.V., Gorobets, N.Yu., Kolos, N.N., Desenko, S.M.	Efficient Ytterbium triflate catalyzed microwave-assisted synthesis of 3-acylacrylic acid building blocks (2008) Journal of Combinatorial Chemistry, 10 (6), pp. 893-896.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57549084902&doi=10.1021%2fc800103f&partnerID=40&md5=5f3065ca6a6cd649db91db9c13f8ec1c
	Gozalishvili, L.L., Beryozkina, T.V., Omelchenko, I.V., Zubatyuk, R.I., Shishkin, O.V., Kolos, N.N.	A rapid and facile synthesis of new spiropyrimidines from 5-(2-arylethylidene-2-oxo)-1,3-dimethylpyrimidine-2,4,6-triones (2008) Tetrahedron, 64 (37), pp. 8759-8765.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48049114187&doi=10.1016%2ftet.2008.06.097&partnerID=40&md5=6bc1d60c3ef4d98dc423c74e35d9e2e7
	Kolosov, M.A., Orlov, V.D., Kolos, N.N., Shishkin, O.V., Zubatyuk, R.I.	Reactions of α -cyanochalcones with phenylhydrazine (2007) Arkivoc, 2007 (16), pp. 187-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149111817&partnerID=40&md5=a005c916c9da374ab88f3eb47201665
	Kolos, N.M., Kovalenko, L.Yu., Shishkina, S.V., Shishkin, O.V.	On interaction of esters of β -arylacrylic acids with o-phenylenediamines and 1,2-diamino-4-phenylimidazole (2007) Khimiya Geterotsiklicheskikh Soedinenii, (11), pp. 1646-1654.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049093384&partnerID=40&md5=37939b19a91edb89a22a49f7d1433922

Kolos, N.N., Kovalenko, L.Yu., Shishkina, S.V., Shishkin, O.V., Konovalova, I.S.	Interaction of esters of β -aroylacrylic acids with o-phenylenediamines and 1,2-diamino-4-phenylimidazole (2007) Chemistry of Heterocyclic Compounds, 43 (11), pp. 1397-1405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40049087452&doi=10.1007%2Fs10593-007-0216-5&partnerID=40&md5=e4ce155131cd8d8c6735135532ed3a
Kolos, N.N., Gozalishvili, L.L., Yaremenko, F.G., Shishkin, O.V., Shishkina, S.V., Konovalova, I.S.	Aroyl[bis(4-hydroxycoumarin-3-yl)]methanes in reactions with 1,2-diaminobenzenes (2007) Russian Chemical Bulletin, 56 (11), pp. 2277-2283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42449095396&doi=10.1007%2Fs11172-007-0359-7&partnerID=40&md5=9c093bb05d85621e5550e0761056bdb4
Kolos, N.N., Kovalenko, L.Yu.	Rearrangement of 2-(2-aryl-2-oxoethyl)-1,2-dihydropyrido-[2,3-b]pyrazin-3(4H)-ones [5] (2007) Chemistry of Heterocyclic Compounds, 43 (10), pp. 1351-1352.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549110222&doi=10.1007%2Fs10593-007-0208-5&partnerID=40&md5=b20a888739708369327f7effddadd9b8
Beryozkina, T.V., Kolos, N.N., Musatov, V.I., Orlov, V.D.	Reactions of β -aroylacrylic acids with 2-aminophenols (2006) Russian Chemical Bulletin, 55 (6), pp. 1056-1059.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750716045&doi=10.1007%2Fs11172-006-0376-y&partnerID=40&md5=ff7eb3830b82540f571ab0516500500f
Kolos, N.N., Paponov, B.V., Orlov, V.D., Lvovskaya, M.I., Doroshenko, A.O., Shishkin, O.V.	Derivatives of Δ^2 -pyrazoline-products of 1,5-diaminotetrazole interaction with chalcone: Molecular structure and spectral properties (2006) Journal of Molecular Structure, 785 (1-3), pp. 114-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644523129&doi=10.1016%2Fj.molstruc.2005.10.004&partnerID=40&md5=a367e1251e405e709380ce7c9823ad41
Kolos, N.N., Berezkina, T.V.	Synthesis of 7-amino-2-aryl-4-(N-arylcarbamoyl)-5-phenyl-3,4-dihydroimidazo[1,5-b]pyridazines [4] (2005) Chemistry of Heterocyclic Compounds, 41 (11), pp. 1432-1434.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-32044439578&doi=10.1007%2Fs10593-006-0017-2&partnerID=40&md5=c2d23b42b46a223b5a4651a63e1c964
Kolos, N.N., Paponov, B.V., Shishkin, O.V., Orlov, V.D.	Crystal and molecular structure of 2,4-dimethylthieno[3,4-b]-1,5-diazepinium chloride (2005) Chemistry of Heterocyclic Compounds, 41 (2), pp. 241-245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244492265&doi=10.1007%2Fs10593-005-0135-2&partnerID=40&md5=88c2b75e3a3ad59612c8c3097f5b9d1a
Kolos, N.N., Yurchenko, E.N., Orlov, V.D., Shishkina, S.V., Shishkin, O.V.	Investigation of the products of interaction of cyclic diketones with nitrogen-containing 1,4-binucleophiles (2004) Chemistry of Heterocyclic Compounds, 40 (12), pp. 1550-1559.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17744374778&doi=10.1007%2Fs10593-005-0098-3&partnerID=40&md5=f5eb5060aac52948d562793ee98c409
Beryozkina, T.V., Kolos, N.N., Orlov, V.D., Zubatyuk, R.I., Shishkin, O.V.	2-(2-aryl-2-oxoethyl)-4H-benzo-1,4-thiazin-3-ones as products of the reaction of 2-aminothiophenol with β -aroylacrylic acids (2004) Phosphorus, Sulfur and Silicon and the Related Elements, 179 (10), pp. 2153-2162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7644243259&doi=10.1080%2F1026500490475166&partnerID=40&md5=50a1db4f7b0ce150d5a81577ee1280b4
Kolos, N., Beryozkina, T., Orlov, V.	Cyclocondensations of β -aroylacrylic acids with heterocyclic O-diamines (2003) Heterocycles, 60 (9), pp. 2115-2122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043239242&partnerID=40&md5=7b82f2c528ff09aa9ba1a1061da7d5cd
Kolos, N.N., Paponov, B.V., Orlov, V.D.	Reaction of 1,2-diamino-4,5-diphenylimidazole with 1,3-diarylpropenones and their dibromo derivatives (2003) Chemistry of Heterocyclic Compounds, 39 (6), pp. 771-775.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348134738&doi=10.1023%2FA%3a1025651213713&partnerID=40&md5=7a8a845797c944e71fe33a40f7498c44
Kolos, N.N., Paponov, B.V., Orlov, V.D.	Formation of δ^2 -pyrazoline derivatives in the reaction of 1,5-diaminotetrazole with chalcones [7] (2003) Chemistry of Heterocyclic Compounds, 39 (2), pp. 280-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037817763&doi=10.1023%2FA%3a1023850232363&partnerID=40&md5=4403281af1db8262946a92c1c62f674
Chebanov, V.A., Desenko, S.M., Shishkin, O.V., Kolos, N.N., Komykhov, S.A., Orlov, V.D., Meier, H.	Tautomerism of diazepines fused with pyrimidine rings (2003) Journal of Heterocyclic Chemistry, 40 (1), pp. 25-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037282853&partnerID=40&md5=f42925ab46df7eb074d23a9d168dc4b7
Kolos, N.N., Berezkina, T.V., Orlov, V.D., Surov, Yu.N., Ivanova, I.V.	Reaction of 3-benzoyl-2,3-dibromo-propionic acid with substituted ortho-phenylenediamines (2002) Chemistry of Heterocyclic Compounds, 38 (12), pp. 1491-1496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038708192&doi=10.1023%2FA%3a1022697628823&partnerID=40&md5=db6562b1b65ff4db88729a81ecc1
Kolos, N.N., Beryozkina, T.V., Orlov, V.D.	Regioselective interaction of β -aroylacrylic acids with 1,2-diaminoimidazoles (2002) Mendelev Communications, 12 (3), pp. 91-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036342693&partnerID=40&md5=eab4857c485f3e2a33e25dbfc6d10e06
Kolos, N.N., Beryozkina, T.V., Orlov, V.D., Surov, Yu.N., Ivanova, I.V.	Interaction of 3-benzoyl-2,3-dibromopropionic acid with substituted ortho-phenylenediamines (2002) Khimiya Geterotsiklicheskikh Soedinenii, (12), pp. 1690-1695.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038023014&partnerID=40&md5=f6c1ecde1946720cc1e2972641d9e731
Kolos, N.N., Chebanov, V.A., Orlov, V.D., Sitrov, Yu.N.	Synthesis and investigation of 5,6-dihydropteridin-4-ol aromatic derivatives (2001) Khimiya Geterotsiklicheskikh Soedinenii, (6), pp. 819-827.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644364838&partnerID=40&md5=9dc32294c359b374ed7000a1f1b5b33a
Kolos, N.N., Tishchenko, A.A., Orlov, V.D., Berezkina, T.B., Shishkina, S.V., Shishkin, O.V.	Benzoylacrylic acid in reaction with substituted o-phenylenediamines (2001) Khimiya Geterotsiklicheskikh Soedinenii, (10), pp. 1407-1414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7644226541&partnerID=40&md5=756b710dc1c0c6d304a20616cce98b3d
Kolos, N.N., Tishchenko, A.A., Orlov, V.D., Shishkina, T.V., Shishkina, S.V., Shishkin, O.V.	The reaction of benzoylacrylic acid with ortho-phenylenediamines (2001) Chemistry of Heterocyclic Compounds, 37 (10), pp. 1289-1295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035494956&doi=10.1023%2FA%3a1013866030936&partnerID=40&md5=3abd66e0fa91dd975bca78ca812d5d1c
Kolos, N.N., Chebanov, V.A., Orlov, V.D., Surov, Yu.N.	Synthesis and study of aromatic derivatives of 5,6-dihydro-4-pteridinol (2001) Chemistry of Heterocyclic Compounds, 37 (6), pp. 755-762.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035382465&doi=10.1023%2FA%3a1011977615581&partnerID=40&md5=35a0f2a33d295edbc8102fa6a818d743
Kolos, N.N., Orlov, V.D., Paponov, B.V., Shishkin, O.V.	2,3-Diamino-5-aryl-7-(4-nitrophenyl)-1,2,4-triazolo[1,5-a]pyrimidin-6-olates (2001) Chemistry of Heterocyclic Compounds, 37 (3), pp. 338-345.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035295490&doi=10.1023%2FA%3a1017563201359&partnerID=40&md5=f5469c09959ab449a5ec2c237d910baf
Kolos, N.N., Orlov, V.D., Paponov, B.V., Shishkin, O.V.	Synthesis of dihydro derivatives of 2-amino-4,5,7-triarylimidazo[1,5-b]pyridazine (1999) Chemistry of Heterocyclic Compounds, 35 (10), pp. 1207-1213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1242281009&partnerID=40&md5=56ad838bf70c57c88ac350e2eb55fa11
Kolos, N.N., Chebanov, V.A., Orlov, V.D.	Reaction of 5,6-diamino-1,3-dimethyluracil with arylideneacetones and arylidenecyanones (1999) Chemistry of Heterocyclic Compounds, 35 (9), pp. 1085-1088.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644575803&partnerID=40&md5=dc0c6da0a5f682c77de0a19da35b52a9
Kolos, N.N., Orlov, V.D., Paponov, B.V., Shishkin, O.V., Baumer, S.V., Kvashnitskaya, N.A.	Stable 1,2,4-triazolo[1,5-a]-pyrimidin-ium salts (1999) Chemistry of Heterocyclic Compounds, 35 (6), pp. 708-715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544442692&partnerID=40&md5=b712047060f354835c3f5e0ba828e402
Kolos, N.N., Orlov, V.D., Paponov, B.V., Baumer, V.N.	Synthesis of 2-amino-4,5,7-triarylimidazo[1,5-b]pyridazines (1998) Chemistry of Heterocyclic Compounds, 34 (10), pp. 1189-1194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000026386&partnerID=40&md5=ba8d5cc62ca3c8b218dc38b77dcbab02
Shishkin, O.V., Kolos, N.N., Orlov, V.D.	Molecular and crystal structure of N,N'-dimethyl-5,6-diaminouracil (1997) Kristallografiya, 42 (2), pp. 293-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011715062&partnerID=40&md5=2c8ec9360651cae6458ba50dea0a2fcf
Shishkin, O.V., Kolos, N.N., Orlov, V.D.	Molecular and crystal structure of N,N'-dimethyl-5,6-diaminouracil (1997) Crystallography Reports, 42 (2), pp. 253-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031534391&partnerID=40&md5=378b8b26b336c45a4da27dc32f0ae901
Kolos, N.N., Orlov, V.D., Arisa, D., Shishkin, O.V., Struchkov, Yu.T., Vorob'eva, N.P.	Reaction of 4-nitro-1,2-phenylenediamine with 1-(4-R-phenyl)-3-(4-nitrophenyl)propenones (1996) Chemistry of Heterocyclic Compounds, 32 (1), pp. 78-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25144452499&partnerID=40&md5=b9912c65c4d9fb1a0cc41bdf7a9cb90f
Kolos, N.N., Orlov, V.D., Chebanov, V.A., Shishkin, O.V., Kuznetsov, V.P., Kulikov, A.Yu.	New reactions of cyclization and recyclization of derivatives of 1,3-dimethyl-5,6-diaminouracil (1996) Chemistry of Heterocyclic Compounds, 32 (7), pp. 838-843.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25444507981&partnerID=40&md5=b5ba04a17854a7205ce24c37852f0f4e
Kolos, N.N., Orlov, V.D., Chebanov, V.A., Shishkin, O.V., Kuznetsov, V.P., Kulikov, A.Yu.	New cyclization and recyclization reactions of 1,3-dimethyl-5,6-diaminouracil derivatives (1996) Khimiya Geterotsiklicheskikh Soedinenii, (7), pp. 978-983.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243609216&partnerID=40&md5=0335ebb3a1c08f5361346b8afba2e756
Kolos, N.N., Shishkin, O.V., Orlov, V.D., Struchkov, Yu.T.	Structure of the products of the reaction of 5,6-diamino-1,3-dimethyluracil with 1,3-diaryl-2,3-dihaloopropanones (1995) Chemistry of Heterocyclic Compounds, 31 (4), pp. 485-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013447936&doi=10.1007%2FBF01177023&partnerID=40&md5=5f4d68526d51a2791197f8f7de7500f

	Kolos, N.N. , Orlov, V.D., Yuzefovskaya, E.Ya., Yaremenko, F.G., Vorob'eva, N.P., Shishkin, A.V., Struchkov, Yu.T., Ivkov, S.M.	Synthesis of aromatic derivatives of 1,5-benzodiazepine in the reaction of 4-nitro-o-phenylenediamine with chalcone dibromides (1995) Chemistry of Heterocyclic Compounds, 31 (7), pp. 827-834.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861687879&doi=10.1007%2FBF01170744&partnerID=40&md5=fda5d5e406978724dc8adfcfc70a2eb0
	Vertii, A.A., Orlov, V.D., Popenko, N.A., Movsesyan, G.D., Vorob'yova, N.P., Tarapov, S.I., Ivanchenko, I.V., Kolos, N.N. , Arustamova, M.E.	EPR spectroscopy of stable CrV complexes (1994) Journal of Applied Spectroscopy, 60 (5), pp. 368-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951509996&doi=10.1007%2FBF02606332&partnerID=40&md5=b6778804d09c0c97c73d6cca5f7fd07
	Kolos, N.N. , Orlov, V.D., Yur'eva, E.Yu., Zhidkova, E.V.	Cyclocondensation of 4-hydroxy-5,6-diaminopyrimidine with α,β -dihalochalcones (1993) Chemistry of Heterocyclic Compounds, 29 (10), pp. 1210-1214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013365544&doi=10.1007%2BF00538070&partnerID=40&md5=7da9e404da8bed31b1bbdd00f44d2b7
	Orlov, V.D., Kolos, N.N. , Tuéni, M., Yur'eva, E.Yu., Ivkov, S.M.	Reactions of 5,6-diamino-1,3-dimethyluracil with halogen derivatives of chalcones (1992) Chemistry of Heterocyclic Compounds, 28 (7), pp. 788-794.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013366772&doi=10.1007%2BF00474494&partnerID=40&md5=4f322fa1b24b20224a44a8151a3f8e93
	Orlov, V.D., Khvat, A.V., Kolos, N.N.	Reaction of arylglyoxals with 3-methyl-1-phenyl-5-Pyrazolone (1992) Chemistry of Heterocyclic Compounds, 28 (4), pp. 479-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249842438&doi=10.1007%2BF00767017&partnerID=40&md5=cdf6d8f0ae4b50a3854374d61d713665
	Orlov, V.D., Kolos, N.N. , Kiroga, Kh., Kaluski, Z., Figas, E., Potekhin, K.A.	Reactions of 4,5-diaminopyrazoles with chalcones and acetylarenes (1992) Chemistry of Heterocyclic Compounds, 28 (4), pp. 424-427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249841359&doi=10.1007%2BF00767003&partnerID=40&md5=06a7843719b56efe5c650f4e0c4310f6
	Kolos, N.N. , Orlov, V.D., Slobodina, E.K., Yur'eva, E.Yu., Korshunov, S.P., van Tué, Z.	Condensed systems based on 4-amino-3-mercapto-1,2,4-triazole (1992) Chemistry of Heterocyclic Compounds, 28 (2), pp. 222-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249842246&doi=10.1007%2BF00473950&partnerID=40&md5=97469134846d785f289ca4354c1b2388
	Orlov, V.D., Kolos, N.N. , Zhidkova, E.V., Papiashvili, I.Z.	2,4-Diaryl-2,3-dihydro-1H-pyrimido[5,6-b]-1,5-diazepines (1991) Chemistry of Heterocyclic Compounds, 27 (2), pp. 205-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249924731&doi=10.1007%2BF004767558&partnerID=40&md5=cc2975a17e3a3c9d8f33ab008a60e85a
	Desenko, S.M., Kolos, N.N. , Tuéni, M., Orlov, V.D.	Cyclocondensation of chalcones with di- and triamino-1,2,4-triazoles (1990) Chemistry of Heterocyclic Compounds, 26 (7), pp. 782-784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249924789&doi=10.1007%2BF00509707&partnerID=40&md5=1d79662a1a47c191b5053894ca6caec6
	Kaluski, Z., Grezesiak, E., Orlov, V.D., Kolos, N.N.	Crystal and molecular structure of 2,4-diphenyl-2,3-dihydro-1H-1,5-benzodiazepine (1989) Journal of Structural Chemistry, 30 (3), pp. 529-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249975899&doi=10.1007%2BF00751929&partnerID=40&md5=5c425584065390cd929bdec89792fce
	Orlov, V.D., Tuéni, M.K., Kolos, N.N. , Nodel'man, O.A.	Derivatives of 2H-pyrazolo[4,5-b]-1,4-thiazine (1989) Chemistry of Heterocyclic Compounds, 25 (2), pp. 221-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249967063&doi=10.1007%2BF00479923&partnerID=40&md5=cf93a35ed540ffbc2fb8c5c3ad68cf1
	Orlov, V.D., Kiroga, Kh., Kolos, N.N.	Bispyrazole[3,4-b:4',3'-c]pyrazines as. self-condensation products from 4,5-diaminopyrazoles (1988) Chemistry of Heterocyclic Compounds, 24 (9), pp. 1008-1012.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749031507&doi=10.1007%2BF00474045&partnerID=40&md5=3badbedf0b2051562852f23dd6631716
	Orlov, V.D., Kiroga, Kh., Kolos, N.N. , Desenko, S.M.	Aryl-substituted 6,7-dihydropyrazolo[1,5-a]pyrimidine (1988) Chemistry of Heterocyclic Compounds, 24 (7), pp. 791-794.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24944506398&doi=10.1007%2BF00633178&partnerID=40&md5=cc66c6e2113152d37fe3a0656d13efce
	Orlov, V.D., Tuéni, M., Kolos, N.N. , Getmanskii, N.V., Kiroga, Kh.	Reactions of 4,5-diamino-3-methyl-1-phenylpyrazole with aromatic haloketones (1988) Chemistry of Heterocyclic Compounds, 24 (6), pp. 643-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749037656&doi=10.1007%2BF00475599&partnerID=40&md5=470d635f720e3ea6515bd48a514246d1
	Orlov, V.D., Kiroga, Kh., Marrugo, A., Kolos, N.N. , Iksanova, S.V.	Reactions of 4,5-diamino-3-methyl-1-phenylpyrazole with diarylideneacetones (1987) Chemistry of Heterocyclic Compounds, 23 (11), pp. 1254-1259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250089450&doi=10.1007%2BF00479382&partnerID=40&md5=89659cca3fe56bcc032cec36c004ed60
	Orlov, V.D., Kiroga, Kh., Kolos, N.N.	Synthesis of aromatic pyrazolo[4,5-b]pyridine derivatives (1987) Chemistry of Heterocyclic Compounds, 23 (9), pp. 997-1001.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250093335&doi=10.1007%2BF00475369&partnerID=40&md5=1d786ea9b25aeb4b6f56b1fd7418814
	Orlov, V.D., Insuasti, B., Kolos, N.N.	3-Aryl-2-benzyl-1,2-dihydroquinoxalines (1987) Chemistry of Heterocyclic Compounds, 23 (6), pp. 685-687.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345239532&doi=10.1007%2BF00486920&partnerID=40&md5=7602bedbf67fe2b901646a71af187d7
	Orlov, V.D., Kiroga, Kh., Kolos, N.N.	Aromatic derivatives of 1H-2,3-dihydropyrazolo[4,5-b]-1,5-diazepine (1987) Chemistry of Heterocyclic Compounds, 23 (3), pp. 304-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250105846&doi=10.1007%2BF00761990&partnerID=40&md5=bc54e27c279213d7375b61dd71897ab9
	Orlov, V.D., Tuéni, M., Kolos, N.N. , Papiashvili, I.Z.	Aromatic derivatives of 2H-pyrimido[5,6-b]-1,4-thiazine (1987) Chemistry of Heterocyclic Compounds, 23 (2), pp. 232-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250104600&doi=10.1007%2BF00663870&partnerID=40&md5=6e892a4560aa2964105db83e8ff56fb
	Kolos, N.N. , Insuasti, B., Kiroga, Kh., Orlov, V.D.	3-Aryl-1,2-dihydroquinoxalines (1986) Chemistry of Heterocyclic Compounds, 22 (8), pp. 918-922.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250100584&doi=10.1007%2BF001175072&partnerID=40&md5=16ce9e23b593d7f417701ef24d8c71f0
	Orlov, V.D., Kolos, N.N. , Abramov, A.F.	Conformational analysis of aromatic derivatives of 2,3-dihydro-1H-1,5-benzodiazepine (1984) Chemistry of Heterocyclic Compounds, 20 (12), pp. 1370-1374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544301532&doi=10.1007%2BF00505962&partnerID=40&md5=6a9f39624d167bf185c26449b4bc5660
	Orlov, V.D., Desenko, S.M., Kolos, N.N.	Synthesis and properties of 2,2,4-trisubstituted 2,3-dihydro-1H-1,5-benzodiazepines (1984) Chemistry of Heterocyclic Compounds, 20 (1), pp. 106-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844545620&doi=10.1007%2BF00505862&partnerID=40&md5=ea916d51c256e97b776ace67560cadd7
	Orlov, V.D., Kolos, N.N. , Ruzhetskaya, N.N.	2,4-Diaryl-2,3-dihydrobenzo[b][1,4]thiazepines (1983) Chemistry of Heterocyclic Compounds, 19 (12), pp. 1293-1297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250142072&doi=10.1007%2BF00842834&partnerID=40&md5=d9566c1a158bd928359fd704cc82f4c
	Orlov, V.D., Kolos, N.N. , Zolotarev, B.M.	Benzimidazole rearrangement of dihydrobenzodiazepines (1983) Chemistry of Heterocyclic Compounds, 19 (3), pp. 318-323.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250149505&doi=10.1007%2BF00503476&partnerID=40&md5=d0c6a51833bda26365407dbb354c050f
	Orlov, V.D., Kolos, N.N. , Desenko, S.M., Lavrushin, V.F.	Chemical transformations of 2,4-diaryl-2,3-dihydro-1H,1,5-benzodiazepines (1982) Chemistry of Heterocyclic Compounds, 18 (6), pp. 631-636.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013365543&doi=10.1007%2BF00506159&partnerID=40&md5=68fdd7ed8f01ea6b97d010dcdf4a4789
	Orlov, V.D., Kolos, N.N. , Lavrushin, V.F.	Asymmetrical diarylideneacetones in reactions with o-phenylenediamine (1981) Chemistry of Heterocyclic Compounds, 17 (6), pp. 617-622.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250227595&doi=10.1007%2BF00503491&partnerID=40&md5=f40f6a266bd8ae67a6fc90f2f3a94f9
	Orlov, V.D., Kolos, N.N. , Rozhko, L.I., Yaremenko, F.G., Zolotarev, B.M., Lavrushin, V.F.	Phenoxazine derivatives - products of the reaction of o-aminophenol with chalcones (1981) Chemistry of Heterocyclic Compounds, 17 (6), pp. 544-548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250228260&doi=10.1007%2BF00503476&partnerID=40&md5=829073173064e16b5ef94c6f54051237
	Orlov, V.D., Kolos, N.N. , Yaremenko, F.G., Lavrushin, V.F.	New aspects of the chemistry of 2,3-dihydro-1H,1,5-benzodiazepine (1980) Chemistry of Heterocyclic Compounds, 16 (5), pp. 547-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544381151&doi=10.1007%2BF00561358&partnerID=40&md5=5906cfa7ea548d41eb56c00bc642e62
	Orlov, V.D., Yaremenko, F.G., Kolos, N.N. , Pivenko, N.S., Lavrushin, V.F.	Aziridinyl ketones and their hetero analogs 4. Acidolysis of 1, 1a-dihydroazirino [1,2-a] quinoxalines (1980) Chemistry of Heterocyclic Compounds, 16 (4), pp. 424-428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747041866&doi=10.1007%2BF00552787&partnerID=40&md5=ee92a6e3704eb8578e84983635de949
	Yaremenko, F.G., Orlov, V.D., Kolos, N.N. , Lavrushin, V.F.	Synthesis of 2,4-diphenyl-2,3-dihydro-1H,1,5-benzodiazepine (1979) Chemistry of Heterocyclic Compounds, 15 (6), p. 697.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250271120&doi=10.1007%2BF00539514&partnerID=40&md5=faba1942e7e27443535e15d42c3c287
	Yaremenko, F.G., Kolos, N.N. , Orlov, V.D., Lavrushin, V.F.	Spectrophotometric study of 5-arylidene- and 5-(5-arylfurfurylidene)rhodanines (1978) Chemistry of Heterocyclic Compounds, 13 (11), pp. 1190-1194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250285048&doi=10.1007%2BF00475942&partnerID=40&md5=99bbf969350daad0f75dc5afacc76b06

20	Kaliberda, M.E., Lytvynenko, L.M., Pogarsky, S.A.	Singular integral equations in diffraction problem by an infinite periodic strip grating with one strip removed (2016) Journal of Electromagnetic Waves and Applications, 30 (18), pp. 2411-2426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996593379&doi=10.1080%2f09205071.2016.1254071&partnerID=40&md5=1c0de4a3bfa8e668fd612feddae14b2
	Kaliberda, M.E., Pogarsky, S.A.	Infinite periodic grating with one strip removed in the case of small strips width relative to the period (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724161, pp. 101-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000352294&doi=10.1109%2fUWBUSIS.2016.7724161&partnerID=40&md5=c5b4e4d8d6efbd911ac4d8eae09afe8e
	Mayboroda, D.V., Pogarsky, S.A. , Varakin, I.I.	The influence of internal parameters of hybrid resonators based upon the circular-disk microstrip structures on integral characteristics (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724191, pp. 210-212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000417223&doi=10.1109%2fUWBUSIS.2016.7724191&partnerID=40&md5=a32b5a40e2ec6dd3a9913eafa69cec
	Kaliberda, M.E., Pogarsky, S.A. , Lytvynenko, L.M.	Analysis of the E-polarized electromagnetic wave diffraction by an infinite periodical strip grating without one strip (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544072, pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984991284&doi=10.1109%2fMMET.2016.7544072&partnerID=40&md5=6026ee57d2b2419f9ef88937debcb26
	Koval'Ova, A.A., Kaliberda, M.E., Pogarsky, S.A.	Analysis of the H-polarized electromagnetic wave diffraction by a semi-infinite periodical strip grating (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544073, pp. 252-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984963129&doi=10.1109%2fMMET.2016.7544073&partnerID=40&md5=cd65851f6c8dea762570bbf0a45d5d7
	Kaliberda, M.E., Pogarsky, S.A. , Lytvynenko, L.M.	Analysis of the H-polarized electromagnetic wave diffraction by an infinite periodical strip grating without one strip (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538194, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987942292&doi=10.1109%2fMSMW.2016.7538194&partnerID=40&md5=d575759add29e39890ca739295183aa5
	Mayboroda, D.V., Pogarsky, S.A.	Optimization of the integral parameters of disk microstrip antennas with radiators of complex geometry (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (9), pp. 763-769.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983431473&partnerID=40&md5=bfd1cfbaa24853177b0a5b4d39cab44
	Kaliberda, M.Y., Pogarsky, S.A. , Shevchenko, B.V.	Venetian blind type fractal grating with modified edge as the basis for creation of the required efficient scattering area of the object (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (16), pp. 1435-1441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011590041&doi=10.1615%2fTelecomRadEng.v75.i16.20&partnerID=40&md5=68e363f258fda684d933b6f693a1984d
	Kaliberda, M.E., Pogarsky, S.A.	Electromagnetic interaction of a single strip with a plane semi-infinite grating (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136806, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939455076&doi=10.1109%2fICATT.2015.7136806&partnerID=40&md5=f7318f064667a09855ce96e29b3d586
	Mayboroda, D.V., Pogarsky, S.A.	The influence of the shorting-vias on the integral characteristics of a microstrip resonator (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136807, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939429239&doi=10.1109%2fICATT.2015.7136807&partnerID=40&md5=5d38088e51c73d3ac36be1c9e4910a3d5
	Mayboroda, D.V., Pogarsky, S.A.	Electrodynamic characteristics of the disk microstrip radiator with structural auxiliary elements (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (13), pp. 1147-1155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950326677&partnerID=40&md5=78394780bdcabdd03ea082bda3e9ebca
	Kaliberda, M.E., Lytvynenko, L.M., Pogarsky, S.A.	Diffraction of H-polarized electromagnetic waves by a multi-element planar semi-infinite grating (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (9), pp. 753-767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941711833&partnerID=40&md5=232ceee0808de3a6d72e8c8200a4145
	Kaliberda, M.Ye., Pogarsky, S.A. , Ulyankin, Ye.Ye.	Electrodynamic characteristics of a coaxial hollow inner conductor waveguide with a system of axially symmetric Nonperiodically arranged Inhomogeneities (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (7), pp. 577-583.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941652588&doi=10.1615%2fTelecomRadEng.v74.i7.20&partnerID=40&md5=54de600cf1f6f9710430e5a21463cc9
	Maiboroda, D.V., Pogarsky, S.A.	On the choice of optimal topology of a reflecting module based upon the circular-disk microstrip structure (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (19), pp. 1713-1726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918558623&partnerID=40&md5=a10a61701c1ce9306984853ff3e535d7
	Pogarsky, S.A. , Saprykin, I.I., Mayboroda, D.V., Sukhov, V.N.	Re-adjusting disk microstrip antenna (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959495, pp. 493-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915754058&doi=10.1109%2fCRIMICO.2014.6959495&partnerID=40&md5=67a30c202b322debe904a7652821c12e
	Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Sukhov, V.N.	Hybrid metal-dielectric structure based on inverted dielectric waveguide (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959496, pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915805408&doi=10.1109%2fCRIMICO.2014.6959496&partnerID=40&md5=980cb14713fb060dbcebbef98e4864a
	Kaliberda, M.Ye., Pogarsky, S.A. , Belousov, V.A.	The method of hypersingular integral equations in a problem on diffraction by the finite metamaterial based upon open rectangular frames (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (12), pp. 1033-1040.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940279563&doi=10.1615%2fTelecomRadEng.v73.i12.10&partnerID=40&md5=3fa49fd929abd652d49775f723873c94
	Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Pshenichnaya, S.V., Sharapov, D.S.	Multiresonator microstrip antenna with radiators of complex shape (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652981, pp. 618-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891140335&partnerID=40&md5=23db619e236779314c9f2ba6bacec053
	Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Sukhov, V.N., Drozdov, K.S.	Multiresonator microstrip antenna (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652980, pp. 616-617.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891047665&partnerID=40&md5=8e4f68ee870082a515272a3caaf6f5
	Kaliberda, M.E., Lytvynenko, L.M., Pogarsky, S.A.	Operator method in the waves diffraction problem by a semi-infinite grating of strips placed in parallel planes (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622080, pp. 415-417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888601209&doi=10.1109%2fMSMW.2013.6622080&partnerID=40&md5=894f755cd8a8ac52ad3b18f6abfab8bf
	Kaliberda, M.E., Pogarsky, S.A. , Belousov, V.A.	The parameters of filters based on a system of slots in the hollow inner conductor of a coaxial waveguide with parallel genetic algorithm optimization (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622094, pp. 424-426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888630160&doi=10.1109%2fMSMW.2013.6622094&partnerID=40&md5=394e5e12df6101e888b107770074f9b2
	Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I.	The bounded periodically slotted microstrip structure as a radiating module (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (15), pp. 1381-1390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883651076&doi=10.1615%2fTelecomRadEng.v72.i15.20&partnerID=40&md5=be80b0cece48e840461104b7347d7d1
	Kaliberda, M.Ye., Pogarsky, S.A. , Drozdov, K.S.	Calculation of dielectric electronegative metamaterial properties in a circular multilayered dielectric waveguide (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (16), pp. 1481-1486.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883643160&doi=10.1615%2fTelecomRadEng.v72.i16.30&partnerID=40&md5=f7226e9d2f1ac6b54a86bd06165e9699
	Kaliberda, M.E., Pogarsky, S.A.	Method of hypersingular integral equations in diffraction problem by strip grating of rectangular split-ring resonators (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650798, pp. 420-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898632753&doi=10.1109%2fICATT.2013.6650798&partnerID=40&md5=f2d89ba96de7b98fc549cb670e69447b
	Lytvynenko, L.M., Kaliberda, M.E., Pogarsky, S.A.	Wave diffraction by semi-infinite venetian blind type grating (2013) IEEE Transactions on Antennas and Propagation, 61 (12), art. no. 6595561, pp. 6120-6127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897717398&doi=10.1109%2fTAP.2013.2281510&partnerID=40&md5=f888a4532971cac058292fb8c1707e8f

Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Seledkov, E.V.	The electrodynamic characteristics of two-way short-circuit slot in microstrip disk resonator (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650780, pp. 367-369.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898636343&doi=10.1109%2FICATT.2013.6650780&partnerID=40&md5=773b7057d603049c40f3f8f76d9223
Kaliberda, M.E., Pogarsky, S.A.	Operator method in a plane waveguide eigenmodes diffraction problem by finite and semiinfinite system of slots (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331296, pp. 130-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870782555&doi=10.1109%2FMMET.2012.6331296&partnerID=40&md5=bb01b7f424fd47bb1287fd73aefc3765
Kaliberda, M.E., Pogarsky, S.A. , Sukhov, V.N.	Waves diffraction in coaxial waveguide with slots in the inner conductor (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379815, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872250237&doi=10.1109%2FUWBUSIS.2012.6379815&partnerID=40&md5=edcafdcf04ca3cd6cb8742ac6c37c44
Mayboroda, D.V., Pogarsky, S.A. , Pshenichnaya, S.V., Saprykin, I.I.	Dual-band circular-disk microstrip antenna (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379766, pp. 161-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872247849&doi=10.1109%2FUWBUSIS.2012.6379766&partnerID=40&md5=9452fe23ea00daf3aa79e6b6ae66f293
Mayboroda, D.V., Pogarsky, S.A. , Pshenichnaya, S.V., Saprykin, I.I.	The characteristics of disk radiator with slot discontinuity (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336047, pp. 437-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869749115&partnerID=40&md5=a1c33ed35e44bf7b9fab74f1811997b
Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Sukhov, V.N.	The radiating unit based on hybrid metal-dielectric structure with bounded sequence of transverse slots (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336046, pp. 435-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869766609&partnerID=40&md5=2b19ef5329daffa0d3ec7f0f771f14c9
Lytvynenko, L.M., Kaliberda, M.E., Pogarsky, S.A.	Solution of waves transformation problem in axially symmetric structures (2012) Frekvenz, 66 (1-2), pp. 17-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858666732&doi=10.1515%2FREQ.2012.012&partnerID=40&md5=f1dc14e4555fc5dd990adabc9a30f640
Mayboroda, D.V., Pogarsky, S.A. , Pshenichnaya, S.V., Saprykin, I.I.	The electrodynamic characteristics of a transversal slot radiator based on an inverted strip dielectric waveguide (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069063, pp. 579-580.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142457&partnerID=40&md5=ec54ca2f29caaece5fe1438d07af36
Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I.	The radiating structure based on an inverted strip dielectric waveguide (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069062, pp. 577-578.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142450&partnerID=40&md5=8baed0cc885e3af4fc70bfe386dc7f24
Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Sukhov, V.N., Krivenko, G.S.	The rejection filter (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632656, pp. 665-666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650401561&partnerID=40&md5=18b21d30a460e4e09b97e25a65b661b
Kaliberda, M.E., Pogarsky, S.A.	Diffraction problem by a system of rectangular slots in a common wall of rectangular waveguides (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609100, pp. 85-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650124471&doi=10.1109%2FUWBUSIS.2010.5609100&partnerID=40&md5=dc17cb94305a7bcabe0a17e2730a991
Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Pshenichnaya, S.V.	The radiator of K u -band based on inverted dielectric waveguide (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609135, pp. 215-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650137536&doi=10.1109%2FUWBUSIS.2010.5609135&partnerID=40&md5=5db28f887b0cb48e75730ae6fe33313
Kaliberda, M.E., Pogarsky, S.A.	The diffraction of axially-symmetric modes by the system of discontinuities in a coaxial waveguide (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546197, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957332666&doi=10.1109%2FMSMW.2010.5546197&partnerID=40&md5=15acf929c9bfccdc238f0766041b5ff
Kaliberda, M.E., Litvinenko, L.N., Pogarsky, S.A.	Diffraction of H 0m and e 0m modes by a system of axially symmetric discontinuities in a coaxial circuit (2010) Journal of Communications Technology and Electronics, 55 (5), pp. 505-511.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953315810&doi=10.1134%2F1064226910050037&partnerID=40&md5=6d9de8cb710ca58acdc414f1509f644
Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Sukhov, V.N., Pshenichnaya, S.V.	Inverted strip dielectric guide with metal plane (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293017, pp. 515-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949112936&partnerID=40&md5=f95352271e11f8432b542306c9c598c
Kaliberda, M.E., Litvinenko, L.N., Pogarsky, S.A.	Operator method in the analysis of electromagnetic wave diffraction by planar screens (2009) Journal of Communications Technology and Electronics, 54 (9), pp. 975-981.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349562650&doi=10.1134%2F1064226909090010&partnerID=40&md5=929e365e750f54315aa4fa23f5a42b1
Kaliberda, M.E., Pogarsky, S.A.	Rectangular waveguide with strips for ultrawide band application (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669408, pp. 198-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649148811&doi=10.1109%2FUWBUS.2008.4669408&partnerID=40&md5=5704d4438e7619babe76b1ee3b13eaf
Mayboroda, D.V., Pogarsky, S.A. , Pshenichnaya, S.V., Saprykin, I.I.	The hybrid metal-dielectric structure for wide-band applications (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669368, pp. 92-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649223829&doi=10.1109%2FUWBUS.2008.4669368&partnerID=40&md5=4247fa28896e8f5eca78d4be278337af
Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Sukhov, V.N.	The microstrip antenna (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676444, pp. 431-432.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049167841&doi=10.1109%2FCRMICO.2008.4676444&partnerID=40&md5=91a65e84a5df04c235e0d0ca20b31c
Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I.	Guiding and radiating properties of a hybrid metal-dielectric structure (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 66 (7), pp. 587-595.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149038554&doi=10.1615%2FtelcomRadEng.v66.i7.20&partnerID=40&md5=cde733da397a96c9720e3962a8a4440f
Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A. , Pshenichnaya, S.V., Saprykin, I.I.	The bounded periodical microstrip-slot structure as a radiating model (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425231, pp. 418-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849086845&doi=10.1109%2FICATT.2007.4425231&partnerID=40&md5=acea9f81c5355d3efd3abfd7e0897f0e
Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A. , Pshenichnaya, S.V., Saprykin, I.I.	Radiating system on the basis of ring hybrid metal-dielectric structure (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368605, pp. 429-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149089791&doi=10.1109%2FCRMICO.2007.4368605&partnerID=40&md5=c7f95842c819fedac586017f04ccdd9
Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A. , Pshenichnaya, S.V., Saprykin, I.I.	The mechanism of collinear longitudinal slot and microstrip eigenwaves interaction (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099265, pp. 214-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249087219&doi=10.1109%2FUWBUS.2006.307207&partnerID=40&md5=137f21c9f693428a8058836ef3e2c1a
Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A. , Pshenichnaya, S.V., Saprykin, I.I., Shaulov, E.A.	The radiating characteristics of multi-element hybrid metal-dielectric structure (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023352, pp. 477-478.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249088776&doi=10.1109%2FCRMICO.2006.256070&partnerID=40&md5=d7be80b829b87197de589fa4b051da4
Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I.	The guiding properties of strip dielectric waveguides and possibility of functional radiating elements designing (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496938, pp. 245-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745436183&doi=10.1109%2FICATT.2005.1496938&partnerID=40&md5=fe19a663b444156f03af6c665c0838499
Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I., Shaulov, E.A., Trufanov, B.D.	Radiating characteristics of single slot in the shield of strip dielectric waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 2, art. no. 1565030, pp. 549-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846296667&doi=10.1109%2FCRMICO.2005.1565030&partnerID=40&md5=a29fb6b8b3c523c4c13a67af76a5a27
Mayboroda, D.V., Pogarsky, S.A. , Saprykin, I.I.	The guiding properties of strip dielectric waveguides and possibility of functional and radiating elements designing (2004) Conference Digest of the 2004 Joint 29th International Conference on Infrared and Millimeter Waves and 12th International Conference on Terahertz Electronics, pp. 701-702.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16244422342&partnerID=40&md5=425642d3ce379f2f50d16e7dbf981d0c

	Katrich, V.A., Zvyagintsev, A.A., Pogarsky, S.A. , Saprykin, I.I., Mayboroda, D.V., Shaulov, E.A.	Dielectric image guide as basic electrodynamic structure for high-performance radiation systems design (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 394-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644379451&partnerID=40&md5=81cdd1b4284df985cd09fca0ef2f8fb2
	Pogarsky, S.A. , Chumachenko, V.A.	Investigation of periodical sequences of circumferential slots in circular waveguides (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239216, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946131756&doi=10.1109%2FICATT.2003.1239216&partnerID=40&md5=3d3f2411ba4cb0d566f74b1873a9b39a
	Katrich, V.A., Pogarsky, S.A. , Saprykin, I.I., Chumachenko, V.A.	Automated system for antenna parameters measurement (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256655, pp. 655-656.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945117921&doi=10.1109%2FICRMICO.2003.158969&partnerID=40&md5=15bf32432f16c2943eae522e8017bba
	Zvyagintsev, A.O., Ivanov, A.I., Pogarsky, S.A. , Strizhachenko, A.V., Chizhov, V.V.	Multifunctional microwave measurement system (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256663, pp. 674-676.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945156977&doi=10.1109%2FICRMICO.2003.158977&partnerID=40&md5=cb0b4befaa049b7dc09fc9c99ef0653f
	Pogarsky, S.A. , Chumachenko, V.A.	Electrical waves diffraction by bounded sequence of periodical rises in circular waveguide (2002) Conference Digest - 27th International Conference on Infrared and Millimeter Waves, IRMMW 2002, art. no. 1076196, pp. 285-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964555242&doi=10.1109%2FICIMW.2002.1076196&partnerID=40&md5=50435fd7bb6343fce2b177871214cb14
	Pogarsky, S.A. , Chumachenko, V.A.	T-wave of coaxial waveguide diffraction by semi-infinite system of azimuth slots (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014157, pp. 174-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961927049&doi=10.1109%2FLFNM.2002.1014157&partnerID=40&md5=1e81dbf6ba420062fb783faa6a49a18c
	Pogarsky, S.A. , Saprykin, I.I., Petkov, G.M., Andreyev, V.B.	Controlled band-elimination filter of 8-mm waveband (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137288, pp. 399-400.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968812986&doi=10.1109%2FICRMICO.2002.1137288&partnerID=40&md5=b7e528498b0e618e19ce75480bd7e638
	Pogarsky, S.A. , Saprykin, I.I., Pet'kov, G.M.	The controlled KL band-stop filter (2002) Conference Digest - 27th International Conference on Infrared and Millimeter Waves, IRMMW 2002, art. no. 1076195, pp. 283-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964411136&doi=10.1109%2FICIMW.2002.1076195&partnerID=40&md5=0e1f17767cb580a022137b818e1571d7
	Katrich, V.A., Pogarsky, S.A. , Saprykin, I.I., Pet'kov, G.M., Shaulov, E.A., Klochan, I.I.	Electrically long radiating systems based on hybrid structures (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137272, pp. 359-360.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968756331&doi=10.1109%2FICRMICO.2002.1137272&partnerID=40&md5=5c27d0fd57baeae836628fb9526b0d
	Pogarsky, S.A. , Chumachenko, V.A.	Wave diffraction by bounded periodical structures with axial symmetry (2001) International Journal of Infrared and Millimeter Waves, 22 (11), pp. 1623-1631.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10844280861&partnerID=40&md5=39840b22c360d14019a77096d84ba2
	Katrich, V.A., Pogarsky, S.A. , Saprykin, I.I., Shaulov, E.A.	The mechanism of isolated image guide eigenmode and elementary microstrip radiators interaction (2001) International Journal of Infrared and Millimeter Waves, 22 (5), pp. 773-778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10844227455&partnerID=40&md5=6fa7f584c9948b00c1d737d389b4b57
	Pogarsky, S.A. , Zvyagintsev, A.A., Saprykin, I.I., Petkov, G.M., Andreev, V.B., Shaulov, E.A.	The Ku band-stop filter (2001) International Journal of Infrared and Millimeter Waves, 22 (8), pp. 1243-1248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10844254995&partnerID=40&md5=985304dafbf330c7295cad18d31ebee4
	Pogarsky, S.A. , Chumachenko, V.A.	Wave diffraction by semi-infinite periodical structures with axial symmetry (2001) Proceedings of LFNM 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 930239, pp. 174-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963812455&doi=10.1109%2FLFNM.2001.930239&partnerID=40&md5=94bec316cf1339983bfcc0c2ab5c7c1e
	Pogarsky, S.A. , Zvyagintsev, A.A., Saprykin, I.I., Petkov, G.M., Andreyev, V.B., Shaulov, E.A.	The KL band-stop filter (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173943, pp. 492-493.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956651209&partnerID=40&md5=5e6a869d4bb4185fe7cd7f60328bcd4
	Katrich, V.A., Pogarsky, S.A. , Saprykin, I.I., Shaulov, E.A.	The elementary radiators interaction mechanism within radiating system based on insulated image waveguide (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMiCo 2000, art. no. 1256125, pp. 326-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966292040&doi=10.1109%2FICRMICO.2000.1256125&partnerID=40&md5=95659710b02dc1e3be2a93318afcf198
	Katrich, V.A., Pogarsky, S.A. , Saprykin, I.I., Chumachenko, V.A.	Wave interaction between eigenmode of hybrid structure and microstrip elements (2000) International Journal of Infrared and Millimeter Waves, 21 (3), pp. 429-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033736661&doi=10.1023%2FA%3a1006659131389&partnerID=40&md5=4922d1adfe0d892445463461395e8888
	Pogarskii, S.A.	Excitation of multimode resonators of a regular geometric shape (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 52 (7), pp. 81-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144457472&partnerID=40&md5=d1e70f775a6cc85003e8ca5063e523f
	Pogarskii, S.A.	Diffraction of natural waves of an isolated mirror dielectric waveguide at a semi-infinite system of microstrip resonators (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 52 (6), pp. 29-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144447469&partnerID=40&md5=90a3f172f8a41ea47d13bed356dc1a8e
	Pogarsky, S.A.	Semi-infinite structures resonant phenomena in filters design problems (1997) International Journal of Infrared and Millimeter Waves, 18 (7), pp. 1445-1449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031173016&partnerID=40&md5=b9b3228e18bb7ee63ad1d51317d2a4f2
	Pogarsky, S.A.	Electrically tuned filter (1997) International Journal of Infrared and Millimeter Waves, 18 (10), pp. 1937-1941.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031251246&partnerID=40&md5=88d48e54825b47d009de22078bf9d3f9
	Pogarsky, S.A.	Operator method in electromagnetic waves diffraction by semi-infinite diaphragm system in rectangular waveguide problem (1997) International Journal of Infrared and Millimeter Waves, 18 (4), pp. 901-907.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031122032&partnerID=40&md5=23b986905a33217f9aa46c13ea422a63
	Pogarsky, S.A. , Saprykin, I.I., Shaulov, E.A.	P-I-N tuned hybrid device (1996) International Journal of Infrared and Millimeter Waves, 17 (5), pp. 857-862.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030151781&partnerID=40&md5=7252cb6ca0e83e2becc07dd9f76f8267
	Litvinenko, L.N., Pogarsky, S.A. , Prosvirnin, S.I.	Wave diffraction by semi-infinite periodical structures (1996) International Journal of Infrared and Millimeter Waves, 17 (5), pp. 897-903.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030150503&partnerID=40&md5=5e54bdd679ec88e5546723897e6764b7
	Pogarsky, S.A. , Saprykin, I.I., Trufanov, B.D.	Adjusted multichannel frequency Diplexer (1996) International Journal of Infrared and Millimeter Waves, 17 (4), pp. 797-801.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030127765&partnerID=40&md5=cd09f2a23559143841e8d29a27c8bd7a
	Pogarsky, S.A. , Litvinenko, L.N., Prosvirnin, S.L.	Microstrip natural wave spectrum mathematical model using partial inversion method (1995) International Journal of Infrared and Millimeter Waves, 16 (12), pp. 2257-2274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029505768&doi=10.1007%2FBF02073426&partnerID=40&md5=634f1748a55d1f97cdab2dd69b787c7
	Pogarsky, S.A. , Saprykin, I.I.	Multiple microstrip wave spectrum (1995) International Journal of Infrared and Millimeter Waves, 16 (1), pp. 209-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029219658&doi=10.1007%2FBF02085857&partnerID=40&md5=57e23394df46de1435902b8e198d675
	Pogarsky, S.A. , Saprykin, I.I.	Resonant phenomena in hybrid structures (1994) International Journal of Infrared and Millimeter Waves, 15 (7), pp. 1325-1333.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028467265&doi=10.1007%2FBF02096085&partnerID=40&md5=440b09cb12b8c89c737747d05c00564a
	Pogarsky, S.A. , Saprykin, I.I.	Rejection filter (1993) Proceedings of SPIE - The International Society for Optical Engineering, 2104, pp. 296-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027878442&partnerID=40&md5=ea52607f896abf4904870808064a0079
21	Shmat'Ko, A.A. , Mizernik, V.N., Odarenko, E.N., Yampol'Skii, V.A., Rokhmanova, T.N., Galenko, A.Y.	Dispersion properties of a one-dimensional anisotropic magnetophotonic crystal with a gyrotropic layer (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851399, pp. 123-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015265995&doi=10.1109%2FCAOL.2016.7851399&partnerID=40&md5=986e41ec062c65fd3d78668e38687cb

Shmat'Ko, A.A., Kazanko, A.B., Mizernik, V.N., Odarenko, E.N., Yampol'Skii, V.A., Rokhmanova, T.N., Odarenko, E.N., Yampol'Skii, V.A., Rokhmanova, T.N.	Extraordinary reflection from photonic crystal with metamaterials (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724177, pp. 160-162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000417165&doi=10.1109%2fUWBUSIS.2016.7724177&partnerID=40&md5=a50bd679c5b7bdf1a07bd2dfb0fecbf
Rokhmanova, T., Maizelis, Z.A., Apostolov, S.S., Shmat'Ko, A.A., Yampol'Skii, V.A.	Effect of DC magnetic field on reflectivity of layered superconductors (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538201, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984584&doi=10.1109%2fMSMW.2016.7538201&partnerID=40&md5=b11655b21d7095377fdd34d57e461666
Odarenko, E.N., Shmat'ko, A.A.	Photonic crystal and Bragg waveguides for THz electron devices (2016) Conference Proceedings - 2016 IEEE 13th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2016, art. no. 7851228, pp. 53-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015695675&doi=10.1109%2fLFNM.2016.7851228&partnerID=40&md5=f6e9d935b05d7a514b079c934f972a4
Mizernik, V.N., Shmat'Ko, A.A.	Scattering H10 wave on diaphragme with gyromagnetic medium in rectangular waveguide (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959529, pp. 565-566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915756335&doi=10.1109%2fCRMICO.2014.6959529&partnerID=40&md5=7f56984af214da4e724bf00cb471b99
Odarenko, E.N., Shmat'Ko, A.A.	Double-mode O-type oscillator-amplifier with inclined focusing field (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959347, pp. 183-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915764021&doi=10.1109%2fCRMICO.2014.6959347&partnerID=40&md5=da7419362ba05ca1fd456ef74d93ae63
Mizernik, V.N., Shmat'Ko, A.A.	The novel analytical solution approach for the eigen modes problem solution in the waveguide ferrite resonator (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652998, pp. 654-655.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891112786&partnerID=40&md5=a3dd359bd717251e3765ef50eb11185d
Odarenko, E.N., Shmat'Ko, A.A.	Enhancement of the interaction efficiency in O-type electronical devices with photonic crystal slow-wave systems (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652789, pp. 201-202.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891131795&partnerID=40&md5=2b931fe35d9f894a17a16b3f32ad3783
Panov, M.I., Shmat'Ko, A.A., Odarenko, E.N.	Resonant phenomena in a periodic array of slits filled with a metamaterial (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652986, pp. 628-629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891059385&partnerID=40&md5=ef3a4d53dfce01b30701f80e63a78c5
Panov, M.I., Shmat'ko, A.A.	Nature of extraordinary transmission through a metal grating at frequencies closed to the Rayleigh-Wood anomaly (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 6657599, pp. 257-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893760508&doi=10.1109%2fCAOL.2013.6657599&partnerID=40&md5=09bd2ee6fe4e93d2fef43eb6118495ba
Panov, M.I., Shmat'Ko, A.A.	Nature of extraordinary transmission through a metal screen slit filled with a metamaterial (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650703, pp. 137-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898659327&doi=10.1109%2fICATT.2013.6650703&partnerID=40&md5=eb68d1be7f10c2937685fc4e5d9f352e
Xu, F., Shmat'Ko, A.A., Panov, M.I., He, S.	Antenna array with a given fractal distribution of current (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379783, pp. 212-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872239865&doi=10.1109%2fUWBUSIS.2012.6379783&partnerID=40&md5=c5f37d8b352443b077f93b5c49872a4
Shmat'Ko, A.A.	On the division of modes in the multilayer dielectric structure with microstrip elements (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336080, pp. 524-525.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869854851&partnerID=40&md5=9df269f2a6abcf3425ec640c58a0f5a4
Mizernik, V.N., Shmat'Ko, A.A.	Waveguide wave-excited ferrite resonator (analytical solution) (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336101, pp. 575-576.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869843026&partnerID=40&md5=5abff620311cc0df53f9df91cadd60d8
Fei, X., Panov, M.I., Shmat'Ko, A.A.	Diffraction of TEM-wave by array of two slots in a plate-parallel waveguide wall (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336067, pp. 493-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869807458&partnerID=40&md5=596a6241935183e58ce2e978909cd70a
Odarenko, E.N., Shmat'Ko, A.A.	Slow-wave regimes of the photonic crystal waveguides (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, art. no. 6145048, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857517998&doi=10.1109%2fLFNM.2011.6145048&partnerID=40&md5=d409e43c30eade28677ad73c16e151c
Mizernik, V.N., Shmat'ko, A.A.	Permittivity determination in the T-junction with multimode resonator (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069207, pp. 914-915.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143268&partnerID=40&md5=91da4524e13ac7b35c0788374ec1d8ff
Odarenko, E.N., Shmat'Ko, A.A., Yuditsev, P.V.	Dual band amplifier with subterahertz surface and bulk waves (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068943, pp. 306-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142624&partnerID=40&md5=45dc5e155a58ac9e413cf814409e1ad1
Mizernik, V.N., Shmat'ko, A.A.	Surface magnon polariton modes in the open through passage resonator partially filled ferrite (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632685, pp. 643-644.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650323455&partnerID=40&md5=580a90c363d154ee5a9731e94db1565a
Mizernik, V.N., Shmat'ko, A.A.	Spurious resonances in electrodynamics problems on the waveguide discontinues (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632682, pp. 645-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650398772&partnerID=40&md5=44710be8942ed91b2cc94473f408bf9b
Odarenko, E.N., Svich, V.A., Shmat'ko, A.A.	Scattering of the Gaussian beam by a metamaterial Slab (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632699, pp. 634-635.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650317276&partnerID=40&md5=0620690059657b9a4405a5f97a580fe6
Odarenko, E.N., Shmat'Ko, A.A., Yuditsev, P.V.	Self-consistent theory of smith-purcell effect at harmonics of BWO frequency in the double-mode parametric oscillator (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632599, pp. 263-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650338333&partnerID=40&md5=3fcfc373bcddc1221b469dfd7eef0fb0b
Odarenko, E.N., Shmat'Ko, A.A., Yuditcev, P.V., Vasilenko, V.M.	Novel double-mode O-type source of coherent subterahertz radiation (2010) Proceedings - 10th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM'2010, 2nd IEEE International Workshop on THz Radiation: Basic Research and Applications, TERA'2010, art. no. 5619946, pp. 283-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650138501&doi=10.1109%2fTERA.2010.5619946&partnerID=40&md5=6dc1b9e77af4a642a745a5436d20e4
Odarenko, E.N., Shmat'Ko, A.A., Naklutsiy, A.S.	Scattering of the polarized Gaussian beam on the metamaterial slab (2010) Proceedings - 10th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2010, art. no. 5624243, pp. 74-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888334677&doi=10.1109%2fLFNM.2010.5624243&partnerID=40&md5=a7539f0f8f245ce61eb6998332909980
Mizernik, V.N., Shmat'ko, A.A.	Waveguide T-branching with matching resonator (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293037, pp. 484-485.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949149053&partnerID=40&md5=bbeff1bc851b3a53b74a86bf8a7f1c6

Odarenko, E.N., Shmat'ko, A.A. , Udintcev, P.V.	Subterahertz double-mode O-type oscillation source (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293177, pp. 169-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949099430&partnerID=40&md5=1d6a04ffb330e309a455631a43e66205
Mizernik, V.N., Shmat'ko, A.A.	Waveguide-ferrit resonator with lateral metallic films (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676469, pp. 487-488.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049156393&doi=10.1109%2FICRMICO.2008.4676469&partnerID=40&md5=2ffbe0300351dc16341aff4d50315d02
Odarenko, E.N., Shmat'ko, A.A. , Udintcev, P.V.	Physical nature of the smith-purcell effect and its simulation (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676349, pp. 198-199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049154347&doi=10.1109%2FICRMICO.2008.4676349&partnerID=40&md5=3a4726da0d30bc8dec3c3151968cc30c
Mizernik, V.N., Shmat'ko, A.A.	Ferrite resonator with bragg mirrors (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368810, pp. 465-466.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149083269&doi=10.1109%2FICRMICO.2007.4368810&partnerID=40&md5=9f15edbf73c24b66026866085398406a1
Mizernik, V.N., Shmat'ko, A.A.	Electrodynamic account of waveguide branching with isotropic and anisotropic layers (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023377, pp. 535-536.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249121797&doi=10.1109%2FICRMICO.2006.256095&partnerID=40&md5=e3258d342e51f7b19503507b51778069
Mizernik, V.N., Shmat'ko, A.A.	Wide-band filters on ferrite resonators (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099272, pp. 236-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249097861&doi=10.1109%2FUWBUSIS.2006.3072148&partnerID=40&md5=c67ae90722068e7ca5b1490bf616a114
Shmat'ko, A.A.	Self-synchronization of oscillations in microwave generators with sustained electron-wave interaction (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 1, art. no. 1564894, pp. 254-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846290753&doi=10.1109%2FICRMICO.2005.1564894&partnerID=40&md5=bf388542da80ee68946c274bc04b1a19
Mizernik, V.N., Shmat'ko, A.A.	Excitation of a finite chain of coupled cavities filled with a piecewise homogeneous magnetodielectric medium (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 2, art. no. 1565015, pp. 518-519.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846333184&doi=10.1109%2FICRMICO.2005.1565015&partnerID=40&md5=c6603b7967571acd03fc16f74ec2a067
Vorob'yov, G.S., Krivets, A.S., Shmat'ko, A.A.	The impact of a metal-dielectric layer on wave processes in the electrodynamic system of amplifiers based on Smith-Purcell effect (2005) Radioelectronics and Communications Systems, 48 (6), pp. 29-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33744954164&partnerID=40&md5=5794c525b29633eca0b9d838bf73e44d
Odarenko, E.N., Shmat'ko, A.A.	Hybrid O-type frequency shifter with magnetic focusing field (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 213-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644378691&partnerID=40&md5=5a2dd855f4069690dd7d42893ff42e15
Ostrovskiy, O., Odarenko, E., Shmat'ko, A.	Multilayer microwave absorber (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 553-554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644396315&partnerID=40&md5=eca31b7c059bc359b972678e4150ac17
Odarenko, E.N., Shmat'ko, A.A.	Frequency multiplication in the hybrid O-type beam-wave system (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256513, pp. 284-285.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945128166&doi=10.1109%2FICRMICO.2003.158828&partnerID=40&md5=67712f1ba5c8d57663a8f128f46e489
Goryushko, D.N., Shmat'ko, A.A.	Wave packet scattering by an anisotropic gyromagnetic layer (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (5), pp. 12-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044438174&partnerID=40&md5=775982f380a470b499164bd62a4d84e7
Odarenko, E., Shmat'ko, A.	Millimeter waves hybrid devices - Theory and simulation (2002) 3rd IEEE International Vacuum Electronics Conference, IVEC 2002, art. no. 999302, pp. 137-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951292032&doi=10.1109%2FIVELEC.2002.999302&partnerID=40&md5=7a16608b80406466ba0e6ad5e42ed6c
Odarenko, E.N., Shmat'ko, A.A.	Forced oscillations in nonlinear electron-wave systems of O-type. Simulation and analysis (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137206, pp. 201-202.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968830773&doi=10.1109%2FICRMICO.2002.1137206&partnerID=40&md5=d61519cc6490f9de3dc980f0eeb5e0e1
Goryushko, D.N., Shmat'ko, A.A.	Scattering of the Gaussian beams on two-layer structure with gyrotropy (2002) Conference Digest - 27th International Conference on Infrared and Millimeter Waves, IRMMW 2002, art. no. 1076194, pp. 281-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964515011&doi=10.1109%2FICIMW.2002.1076194&partnerID=40&md5=87e099ccb09192d0e6c2ff2078586e97
Goryushko, D.N., Malyuskin, A.V., Shmat'ko, A.A.	Scattering of laser wave beam by anisotropic chiral layer (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014190, pp. 256-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961911027&doi=10.1109%2FLFNM.2002.1014190&partnerID=40&md5=15c4537fc0a69b78ad4ad943d80222c9
Goryushko, D.N., Malyushkin, A.V., Shulga, S.N., Shmat'ko, A.A.	Wavetrains scattering by anisotropic composite absorbing layer with metal-dielectric substrate (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137306, pp. 439-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968901355&doi=10.1109%2FICRMICO.2002.1137306&partnerID=40&md5=f9751149aa748ed720410dfda29e79dc
Ermak, G.P., Mizernik, V.N., Shmat'ko, A.A.	Definition of material parameters of industrial thin-film samples [magnetodielectric and gyrotropic materials] (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137362, pp. 575-576.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968764160&doi=10.1109%2FICRMICO.2002.1137362&partnerID=40&md5=335e907a523100647e3f2045ea48945f
Veselov, A.A., Odarenko, E.N., Shmat'ko, A.A.	Influence of local magnetic irregularity on output properties of synchronized MM-wave generator (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137207, pp. 203-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968761363&doi=10.1109%2FICRMICO.2002.1137207&partnerID=40&md5=64e2ede1b4dd19bb41ff9bd8a8da932e
Malyuskin, A.V., Goryushko, D.N., Shmat'ko, A.A. , Shulga, S.N.	Scattering of a wave beam by inhomogeneous anisotropic chiral layer (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1107015, pp. 566-568.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947114135&doi=10.1109%2FMMET.2002.1107015&partnerID=40&md5=4bf5a0b47c69c9c4eddb435678eb752f3
Odarenko, E., Shmat'ko, A. , Tsvyk, A.	Orotron with magnetic nonuniformity - Advanced millimeter waves source (2002) 3rd IEEE International Vacuum Electronics Conference, IVEC 2002, art. no. 999260, pp. 59-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951292343&doi=10.1109%2FIVELEC.2002.999260&partnerID=40&md5=532b22b073749d1e0dfbb6a132cbb463
Odarenko, E.N., Shmat'ko, A.A.	Excitation of the nonlinear two-stage electron-wave system by external signal (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173772, pp. 195-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956657470&partnerID=40&md5=a841092b4fa39dd3a6fa89d3968bddc9
Goryushko, D.N., Shmat'ko, A.A.	Scattering of laser wave beam on dielectric layer with ferrite film (2001) Proceedings of LFNM 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 930245, pp. 198-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963803951&doi=10.1109%2FLFNM.2001.930245&partnerID=40&md5=7f4a50a97bf042bee251f03524c714a
Goryushko, D.N., Shmat'ko, A.A.	Reflection of a laser beam from a gyromagnetic layer with a magneto-dielectric substrate (2000) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 1, art. no. 888615, pp. 364-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951042572&doi=10.1109%2FMMET.2000.888615&partnerID=40&md5=6966930f3b7d4e99d843c683a0e7fff
Odarenko, E.N., Shmat'ko, A.A.	Theory of the MM wave hybrid electron devices (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMiCo 2000, art. no. 1255891, pp. 171-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966457250&doi=10.1109%2FICRMICO.2000.1255891&partnerID=40&md5=1e54e87bb4be6c7c6eefffd419adeab
Ostrovski, O.S., Shmat'ko, A.A.	Transformation of electromagnetic waves of complex space-and-time configuration by layered electrodynamic structures (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (12), pp. 11-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28244475069&partnerID=40&md5=e64a0ba5ed4497c22f62c57d684f264c

	Ostrovsky, O.S., Soroka, A.S., Shmat'ko, A.A.	Modeling signal propagation through inhomogeneous media (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 53 (2), pp. 16-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044455279&partnerID=40&md5=b9d15789cdcf140b4d7e4b2aa384b1df
	Shmat'Ko, A.A. , Vorob'ev, G.S., Ruban, A.I.	Linear theory of non-tuned EHF amplifier with distributed interaction on the base of Smith-Parcell effect (1999) Izvestiya VUZ: Radioelektronika, (6), pp. 67-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033148324&partnerID=40&md5=29a8839c9793db78a28685dcf566171e
	Odarenko, E.N., Chursin, V.S., Shmat'ko, A.A.	Nonlinear two-dimensional theory of relativistic resonant O-type oscillators (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 52 (9), pp. 88-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844570822&partnerID=40&md5=e6e3798d5b10af5e65072fa46b200a5
	Chursin, V., Odarenko, E., Shmat'ko, A.	Nonlinear theory of relativistic microwave electron devices (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 249-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032231030&partnerID=40&md5=2f2f103b61fff23a30d269c48b7a8d59
	Chursin, V.S., Odarenko, E.N., Shmat'ko, A.A.	Theory of resonant relativistic oscillator with nonuniform focusing field (1996) International Journal of Infrared and Millimeter Waves, 17 (7), pp. 1165-1180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030195894&partnerID=40&md5=150d7f0fedc822417fcaa610653cb2de
	Shmat'ko, Alexander , Odarenko, Evgeny	Microwave oscillator - the orotron with the dc magnetic nonuniformity (1993) Proceedings of SPIE - The International Society for Optical Engineering, 2104, pp. 28-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027795705&partnerID=40&md5=c67444fc5dcab751e91bc5472a9c92d3
	Odarenko, E.N., Shmat'ko, A.A.	Nonlinear theory of the resonant oscillators with inclined magnetostatic field (1993) Radiotekhnika i Elektronika, 38 (9), pp. 1690-1895.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027662584&partnerID=40&md5=cdcb75d9066e383bc52772204a35fbbcb
	Odarenko, E.N., Shmat'ko, A.A.	The effect of the static magnetic localized non-uniformity on the starting characteristics of the resonance O-type generators (1992) Radiotekhnika i Elektronika, 37 (5), pp. 901-909.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026861206&partnerID=40&md5=4b14e824070a549023998d75e59df852
	Golovin, A.T., Shmat'ko, A.A.	Resonance system with bounded grating of ladder type (1992) Radiotekhnika i Elektronika, 37 (5), pp. 819-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026862160&partnerID=40&md5=b13390289608cabfb5230cac1655d3ae
	Korneenkov, V.K., Miroshnichenko, V.S., Shmat'ko, A.A.	Investigation of the diffraction radiation generator characteristics under autonomous and non-autonomous conditions (1991) Izvestiya VUZ: Radiofizika, 34 (3), pp. 301-308.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026126222&partnerID=40&md5=7612342561a6076cb177ed023c0bebc
	Korneenkov, V.K., Miroshnichenko, V.S., Shmat'ko, A.A.	Output characteristics of a diffraction radiation generator in the autonomous and nonautonomous modes (1991) Radiophysics and Quantum Electronics, 34 (3), pp. 251-257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249836905&doi=10.1007%2fBF01066508&partnerID=40&md5=c1a8a2c0108be2b805ece79d026c77d3
	Nazyrov, Z.F., Shmat'ko, A.A.	Separation of nonsinusoidal oscillations in resonant cavities with a nonstationary medium (1988) Soviet journal of communications technology & electronics, 33 (10), pp. 163-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024096411&partnerID=40&md5=198d3e807ceea88fc9f97207f9caff4
	Nazyrov, Z.F., Shmat'ko, A.A.	Mode basis method in electrodynamics problems with piecewise-homogeneous nonstationary media (1988) Soviet journal of communications technology & electronics, 33 (8), pp. 47-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024057462&partnerID=40&md5=216c4b36924f1c30e271e131dea7cfac
	Chibisova, O.V., Shmat'ko, A.A.	Mutual synchronization of distributed O-type resonant oscillators (1988) Soviet journal of communications technology & electronics, 33 (6), pp. 118-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024018416&partnerID=40&md5=43211c1f3a5b1c13cf123d609cd174a2
	Tarasov, M.M., Tret'yakov, O.A., Shmat'ko, A.A.	Optimization of the field structure in O-type electronic resonant oscillators (1988) Soviet journal of communications technology & electronics, 33 (6), pp. 126-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024019323&partnerID=40&md5=5c44d80798829aaaf4f3045365190bd4
	Shmat'ko, A.A.	Unsteady-state oscillations in O-type resonant oscillators with external excitation (1987) Radiophysics and Quantum Electronics, 30 (12), pp. 1092-1099.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250103143&doi=10.1007%2fBF01035393&partnerID=40&md5=bfe24b2c63fff5a04fcfd07032085788
	Shmat'ko, A.A.	Properties of electron-wave interaction on the upper modes in Orotion diffracted radiation oscillators (1986) Radiophysics and Quantum Electronics, 29 (3), pp. 272-278.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022672875&doi=10.1007%2fBF01037634&partnerID=40&md5=4837c5986f388fdb387f241c5b27335d
	Shmat'ko, A.A.	EFFECT OF A HIGH-FREQUENCY SIGNAL ON AN O-TYPE DISTRIBUTED-INTERACTION TUNED SELF-EXCITED OSCILLATOR. (1985) Soviet Journal of Communications Technology & Electronics (English translation of Radiotekhnika i Elektronika), 30 (7), pp. 134-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022087991&partnerID=40&md5=0243b53723f0a959a0ab139d6f4f438e
	Tarasov, M.M., Shmat'ko, A.A.	OPTIMIZATION OF RESONANT DISTRIBUTED-INTERACTION O-TYPE OSCILLATORS. (1985) Soviet Journal of Communications Technology & Electronics (English translation of Radiotekhnika i Elektronika), 30 (5), pp. 99-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022055864&partnerID=40&md5=6db06eda033fd22d9a455efc7ea87a27
	Kurbarov, S.G., Shmat'ko, A.A.	Low-frequency fluctuations in o-type cavity oscillators with distributed interaction (1984) Radiophysics and Quantum Electronics, 27 (4), pp. 313-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021409256&doi=10.1007%2fBF01036612&partnerID=40&md5=0fdb71739c1b59ee5e360fade32859f9
	Shmat'Ko, A.A. , Tret'yakov, O.A., Vavriv, D.M.	THEORY OF NON-LINEAR ELECTRON-WAVE INTERACTION IN CLOSED AND OPEN RESONATORS. (1982) Proceedings of the Colloquium on Microwave Communication, 1, pp. 439-441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020281476&partnerID=40&md5=04281b2140aa08e3136b46af47e0db89
	Shmat'ko, A.A.	LINEAR ANALYTIC THEORY OF A REFLEX OSCILLATOR WITH A LONG INTERACTION SPACE OF THE O-TYPE. (1981) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 26 (6), pp. 102-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019573846&partnerID=40&md5=de68cd5bc40d589a991e4d5bc557e801
	Moroz, E.E., Soroka, A.S., Tret'yakov, O.A., Shmat'ko, A.A.	DOUBLE-GRATING RESONATOR AS THE OSCILLATORY SYSTEM OF A SELF-EXCITED OSCILLATOR. (1980) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 25 (11), pp. 14-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019078084&partnerID=40&md5=809f656e5b47ea4e3e14f74520c845b7
	Vavriv, D.M., Tret'yakov, O.A., Shmat'ko, A.A.	NONLINEAR NONSTATIONARY THEORY OF RESONANCE OSCILLATORS WITH PROLONGED INTERACTION. (1979) Radio engineering & electronic physics, 24 (4), pp. 119-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018458763&partnerID=40&md5=afd8550bf0f5440c0cd7b54b0e0f6c6
	Shmat'Ko, A.A. , Tretiykov, O.A., Vavriv, D.M.	Nonstationary nonlinear theory of O type resonant generators (1978) Radiation Effects, 35 (4), pp. 193-199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017799748&partnerID=40&md5=462bb685f7d690904e9f83faafc78e75
	Shmat'Ko, A.A. , Tretiykov, O.A., Vavriv, D.M.	NONLINEAR THEORY OF LONG-RANGE-INTERACTION RESONANT GENERATORS. (1977) Electronics Letters, 13 (16), pp. 480-481.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017767225&partnerID=40&md5=252f3f4ae7922f1f12d6d6fe3fbb62
	Valitov, R.R., Yegorova, N.P., Tret'yakov, O.A., Shmat'ko, A.A.	PROPERTIES OF THE PONDEROMOTIVE EFFECT OF AN ELECTROMAGNETIC WAVE. (1977) Radio Eng Electron Phys, 22 (5), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017489945&partnerID=40&md5=68d6d616e9a83a60be78d8437f24f470
22	Shklovskij, V.A.	Pinning effects on hot-electron vortex flow instability in superconducting films (2017) Physica C: Superconductivity and its Applications, 538, pp. 20-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019232256&doi=10.1016%2fj.physc.2017.05.005&partnerID=40&md5=623df30bf0625913c346f1e382ccaa5f
	Dobrovolskiy, O.V., Sosedkin, V.V., Sachser, R., Shklovskij, V.A. , Vovk, R.V., Huth, M.	Zero-Bias Shapiro Steps in Asymmetric Pinning Nanolandscapes (2017) Journal of Superconductivity and Novel Magnetism, 30 (3), pp. 735-741.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981165401&doi=10.1007%2f10948-016-3642-8&partnerID=40&md5=0643077f1adac85b7978e517bc1394c
	Bezuglyj, A.I., Shklovskij, V.A.	Oscillations of non-isothermal N/S boundary with a high frequency and large amplitude (2016) Fizika Nizkikh Temperatur, 42 (10), pp. 1154-1166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989216650&partnerID=40&md5=ccb0e6be425835dac2e6397f60dea274

	Bezuglyj, A.I., Shklovskij, V.A.	High-frequency large-amplitude oscillations of a non-isothermal N/S boundary (2016) Low Temperature Physics, 42 (10), pp. 905-915.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995459527&doi=10.1063%2f1.4965898&partnerID=40&md5=fa396dcf29401ee94312233b91ed01b9
	Bezuglyj, A.I., Shklovskij, V.A.	The role of conduction electrons in the formation of thermal boundary resistance of the metal-dielectric interface and resistivity of metal films, at low temperatures (2016) Low Temperature Physics, 42 (8), pp. 636-660.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985027737&doi=10.1063%2f1.4962149&partnerID=40&md5=90d7dd8f968bc1ca3dda3e23c4dbb35
	Bezuglyj, A.I., Shklovskij, V.A.	The role of the conduction electrons in the formation of a thermal boundary resistance of the metal-dielectric interface and resistivity of the metal films at low temperatures (2016) Fizika Nizkikh Temperatur, 42 (8), pp. 809-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978397878&partnerID=40&md5=e87527be7099e4e289564daeb27f1ab1
	Dobrovolskiy, O.V., Hanefeld, M., Zörb, M., Huth, M., Shklovskij, V.A.	Interplay of flux guiding and Hall effect in Nb films with nanogrooves (2016) Superconductor Science and Technology, 29 (6), art. no. 065009, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84970016425&doi=10.1088%2f0953-2048%2f29%2f6%2f065009&partnerID=40&md5=434b6ce27cc4bdfc007dc9b298f94220
	Dobrovolskiy, O.V., Huth, M., Shklovskij, V.A.	Alternating current-driven microwave loss modulation in a fluxonic metamaterial (2015) Applied Physics Letters, 107 (16), art. no. 162603, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945277796&doi=10.1063%2f1.4934487&partnerID=40&md5=4328ba248c97a4ce40ded5723f4b89d4
	Shklovskij, V.A. , Seo, J.-K.	Guided vortex motion and ratchet effect in an anisotropic superconductor with a periodic pinning potential (2015) Low Temperature Physics, 40 (12), pp. 1048-1057.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923677523&doi=10.1063%2f1.4905029&partnerID=40&md5=99d24ee81740cfc4370cedaa0cc7131
	Shklovskij, V.A. , Dobrovolskiy, O.V.	Stochastic resonance of vortices in a washboard pinning potential (2014) Physica C: Superconductivity and its Applications, 503, pp. 128-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904394789&doi=10.1016%2fj.physc.2014.02.021&partnerID=40&md5=2411e4cec1c722f73e0c35be922a02f7
	Bezuglyj, A.I., Shklovskij, V.A.	Energy relaxation times in metal films from the response of electrical conductivity to periodic heating (2014) Physical Review B - Condensed Matter and Materials Physics, 89 (21), art. no. 214303, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902123866&doi=10.1103%2fphysrevb.89.214303&partnerID=40&md5=db7de40c76c0237e66691e17eb5f40
	Shklovskij, V.A. , Sosedkin, V.V., Dobrovolskiy, O.V.	Vortex ratchet reversal in an asymmetric washboard pinning potential subject to combined dc and ac stimuli (2014) Journal of Physics Condensed Matter, 26 (2), art. no. 025703, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890658439&doi=10.1088%2f0953-8984%2f26%2f2%2f025703&partnerID=40&md5=88c635935d4aac5753871b7e5975f7eb
	Shklovskij, V.A. , Dobrovolskiy, O.V.	DC to AC converter on Abrikosov vortices in a washboard pinning potential (2014) Journal of Physics: Conference Series, 507 (PART 1), art. no. 012007, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902263440&doi=10.1088%2f1742-6596%2f507%2f1%2f012007&partnerID=40&md5=7691124bb48db0bb7397281212e7396b
	Shklovskij, V.A. , Seo, J.-T.	The guided vortex motion and the ratchet effect in an anisotropic superconductor with a periodic pinning potential (2014) Fizika Nizkikh Temperatur, 40 (12), pp. 1348-1359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908695563&partnerID=40&md5=3b841253241944eb68ddcec587d10976c
	Dobrovolskiy, O.V., Begun, E., Huth, M., Shklovskij, V.A.	Material composition - Pinning strength correlation in Nb thin films with focused ion beam-milled washboard nanostructures (2013) Physica C: Superconductivity and its Applications, 494, pp. 102-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884821284&doi=10.1016%2fj.physc.2013.03.005&partnerID=40&md5=12ac4c7dc33fa0654056795971b1ead7
	Bezuglyj, A.I., Shklovskij, V.A.	Dynamics of electron temperature and the relaxation times of electron-phonon system of a metal film (2013) Low Temperature Physics, 39 (4), pp. 357-364.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877061003&doi=10.1063%2f1.4801992&partnerID=40&md5=f399b5df22d000896cd6d6167e7906f
	Bezuglyj, A.I., Shklovskij, V.A.	The dynamics of electron temperature and the relaxation times of electron-phonon system of a metal film (2013) Fizika Nizkikh Temperatur, 39 (4), pp. 459-468.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874683888&partnerID=40&md5=bab77be83e3a4fe0715099ca968fc198
	Shklovskij, V.A. , Dobrovolskiy, O.V.	Determination of coordinate dependence of a pinning potential from a microwave experiment with vortices (2013) Low Temperature Physics, 39 (2), pp. 120-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874352038&doi=10.1063%2f1.4791773&partnerID=40&md5=553b86e7e691d1a189ea5bbb45b23ef4
	Shklovskij, V.A. , Dobrovolskiy, O.V.	Determination of the coordinate dependence of a pinning potential from the microwave experiment with vortices (2013) Fizika Nizkikh Temperatur, 39 (2), pp. 162-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873169532&partnerID=40&md5=ff00b19eb8fb3c008d9ee287bb6759a
	Shklovskij, V.A. , Dobrovolskiy, O.V., Huth, M.	Noise-assisted microwave up-conversion by vortices in thin-film superconductors with a dc-biased washboard pinning potential (2013) Journal of Superconductivity and Novel Magnetism, 26 (5), pp. 2079-2083.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959237449&doi=10.1007%2f10948-012-1946-x&partnerID=40&md5=841cde01c7fdd007c19d3ac71001fce2
	Shklovskij, V.A. , Dobrovolskiy, O.V.	Nonadiabatic ratchet effect in superconducting films with a tilted cosine pinning potential (2012) Journal of Physics: Conference Series, 400 (PART 2), art. no. 022108, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873621841&doi=10.1088%2f1742-6596%2f400%2f2%2f022108&partnerID=40&md5=8fcf37e9fd4ae8c0fcafb2d7dc971673
	Dobrovolskiy, O.V., Begun, E., Huth, M., Shklovskij, V.A.	Electrical transport and pinning properties of Nb thin films patterned with focused ion beam-milled washboard nanostructures (2012) New Journal of Physics, 14, art. no. 113027, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870456799&doi=10.1088%2f1367-2630%2f14%2f1%2f113027&partnerID=40&md5=f4466cd8e279737eca7c4b2ff51e87af
	Dobrovolskiy, O.V., Huth, M., Shklovskij, V.A.	Fluxonic properties of vortices in a washboard pinning potential fabricated by focused particle beam techniques (2012) Acta Physica Polonica A, 121 (1), pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856106225&partnerID=40&md5=b0156e0e154fa0fe3b399c9b0c637b7d
	Dobrovolskiy, O.V., Shklovskij, V.A. , Huth, M.	Current-controlled filter on superconducting films with a tilted washboard pinning potential (2012) Physics Procedia, 36, pp. 9-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960348309&doi=10.1016%2fj.phpro.2012.06.031&partnerID=40&md5=07500bac586d0d8bab9de90f31a5428c
	Shklovskij, V.A. , Dobrovolskiy, O.V.	Frequency-dependent ratchet effect in superconducting films with a tilted washboard pinning potential (2011) Physical Review B - Condensed Matter and Materials Physics, 84 (5), art. no. 054515, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052368166&doi=10.1103%2fphysrevb.84.054515&partnerID=40&md5=430cebc7201b2776d4ca52720ad9b0fa
	Dobrovolskiy, O.V., Begun, E., Huth, M., Shklovskij, V.A. , Tsindlekht, M.I.	Vortex lattice matching effects in a washboard pinning potential induced by Co nanostripe arrays (2011) Physica C: Superconductivity and its Applications, 471 (15-16), pp. 449-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959623528&doi=10.1016%2fj.physc.2011.05.245&partnerID=40&md5=be9aa1185dc7278936be2c2b5cfc584c
	Dobrovolskiy, O.V., Huth, M., Shklovskij, V.A.	Fabrication of artificial washboard pinning structures in thin niobium films (2011) Journal of Superconductivity and Novel Magnetism, 24 (1-2), pp. 375-380.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960336780&doi=10.1007%2f10948-010-1055-7&partnerID=40&md5=cea7e3a6de5940daad9e416cd1cc114
	Dobrovolskiy, O.V., Huth, M., Shklovskij, V.A.	Anisotropic magnetoresistive response in thin Nb films decorated by an array of Co stripes (2010) Superconductor Science and Technology, 23 (12), art. no. 125014, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7864996547&doi=10.1088%2f0953-2048%2f23%2f12%2f125014&partnerID=40&md5=dbaa3c9e2989fab646ac6e4f46a77834
	Shklovskij, V.A. , Hop, D.T.B.	Hall-effect and microwave absorption by vortices in anisotropic superconductor with periodic pinning potential (2010) Fizika Nizkikh Temperatur (Kharkov), 36 (1), pp. 89-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949114445&partnerID=40&md5=43f7d78fb284af8a6878808e73a19ea1
	Shklovskij, V.A. , Hop, D.T.B.	The Hall effect and microwave absorption by vortices in an anisotropic superconductor with a periodic pinning potential (2010) Low Temperature Physics, 36 (1), art. no. 006001LP, pp. 71-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950685718&doi=10.1063%2f1.3292939&partnerID=40&md5=8fd4e24ab187ea963cf62018b06cb714
	Shklovskij, V.A. , Sosedkin, V.V.	Guiding of vortices and ratchet effect in superconducting films with asymmetric pinning potential (2009) Physical Review B - Condensed Matter and Materials Physics, 80 (21), art. no. 214526, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954732139&doi=10.1103%2fphysrevb.80.214526&partnerID=40&md5=00e840b354abc2bae761292b573f3537
	Shklovskij, V.A.	Nonlinear two-dimensional temperature-dependent impedance and the ac power absorption by vortices in a tilted washboard pinning potential (2009) Journal of Physics: Conference Series, 150 (5), art. no. 052240, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952470792&doi=10.1088%2f1742-6596%2f150%2f5%2f052240&partnerID=40&md5=8d04ae1b16617dbdaed1d30c1b9cd80d

	Shklovskij, V.A., Dobrovolskiy, O.V.	Nonlinear two-dimensional frequency- and temperature-dependent vortex dynamics in a tilted washboard pinning potential (2009) Journal of Physics: Conference Series, 150 (5), art. no. 052241, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952534216&doi=10.1088%2f1742-6596%2f150%2f5%2f052241&partnerID=40&md5=4ed7dd4e191c090938f575db43cd3af3
	Shklovskij, V.A., Bich, H.D.T.	Influence of the transport current on the microwave absorption by vortices in type-II superconductor (2009) Fizika Nizkikh Temperatur (Kharkov), 35 (5), pp. 169-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649988371&partnerID=40&md5=4a4b62e54624560105761dbe8897071a
	Shklovskij, V.A., Dobrovolskiy, O.V.	AC-driven vortices and the Hall effect in a superconductor with a tilted washboard pinning potential (2008) Physical Review B - Condensed Matter and Materials Physics, 78 (10), art. no. 104526, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53849101056&doi=10.1103%2fPhysRevB.78.104526&partnerID=40&md5=c1c060f2875864a03355c52b73c30da4
	Shklovskij, V.A.	Influence of point-like disorder on the guiding of vortices in anisotropic superconductors (2007) Physica C: Superconductivity and its Applications, 460-462 II (SPEC. ISS.), pp. 1257-1258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548178739&doi=10.1016%2fj.physc.2007.04.064&partnerID=40&md5=d484c6f5f0052d4f95286a1717364582
	Shklovskij, V.A., Dobrovolskiy, O.V.	Influence of point-like disorder on the guiding of vortices in a rotating current scheme (2007) Physica C: Superconductivity and its Applications, 460-462 II (SPEC. ISS.), pp. 1253-1254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548172210&doi=10.1016%2fj.physc.2007.04.072&partnerID=40&md5=8a442790307726d284a83c589abab0d4
	Soroka, O.K., Shklovskij, V.A., Huth, M.	Guiding of vortices under competing isotropic and anisotropic pinning conditions: Theory and experiment (2007) Physical Review B - Condensed Matter and Materials Physics, 76 (1), art. no. 014504, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34447129632&doi=10.1103%2fPhysRevB.76.014504&partnerID=40&md5=2cc66640926c26f70d31cb050fcd401f
	Shklovskij, V.A.	Guiding of vortices and new voltages in ratchet washboard pinning potential (2006) AIP Conference Proceedings, 850, pp. 857-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947515582&doi=10.1063%2f1.2354975&partnerID=40&md5=9c04f7f53e9f3b88259b060dc226642e
	Shklovskij, V.A., Dobrovolskiy, O.V.	Influence of pointlike disorder on the guiding of vortices and the Hall effect in a washboard planar pinning potential (2006) Physical Review B - Condensed Matter and Materials Physics, 74 (10), art. no. 104511, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749176677&doi=10.1103%2fPhysRevB.74.104511&partnerID=40&md5=39d807f28be25dc2380a8622c37b4b5
	Shklovskij, V.A.	New hall resistivity scaling relations in the presence of competition between point-like and anisotropic planar pinning potential (2005) Journal of Low Temperature Physics, 139 (1-2), pp. 289-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19944376182&doi=10.1007%2f10909-005-3932-1&partnerID=40&md5=1954f6409aab097c5d41b054badae563
	Shklovskij, V.A., Soroka, A.A.	Erratum: Anisotropy of the critical current and the guided motion of vortices in a stochastic model of bianisotropic pinning. II. Observed effects (Low Temperature Physics (2002) 28 (312)) (2004) Low Temperature Physics, 30 (1), p. 95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544481449&doi=10.1063%2f1.1645160&partnerID=40&md5=32124551ccc1875b44062ca6957b90af
	Shklovskij, V.A., Soroka, A.A.	Erratum: Anisotropy of the critical current and the guided motion of vortices in a stochastic model of bianisotropic pinning. II. Observed effects (Fiz. Nizk. Temp. (2002) 28, (449)) (2004) Fizika Nizkikh Temperatur (Kharkov), 30 (1), p. 126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0842268107&partnerID=40&md5=038ee7e0a18350e6293e375e2b2d525c
	Shklovskij, V.A., Soroka, A.A.	Odd resistive response in superconductors with bianisotropic pinning (2003) Low Temperature Physics, 29 (1), pp. 16-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644434702&doi=10.1063%2f1.1542373&partnerID=40&md5=2dc11f3ce2ea2282c89dcb9bfc12099d
	Shklovskij, V.A.	Influence of point-like disorder on the hall resistivity behavior in an anisotropic planar pinning potential (2003) Journal of Low Temperature Physics, 131 (5-6), pp. 899-906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037596572&doi=10.1023%2fA%3a1023499615213&partnerID=40&md5=3ac3c37144f455d2079e51e0c17b272d
	Shklovskij, V.A.	New Hall voltages in a planar pinning potential (2003) Physica C: Superconductivity and its Applications, 388-389, pp. 655-656.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038781690&doi=10.1016%2fS0921-4534%2f02%2f902427-9&partnerID=40&md5=f503d80d3e9e22d2040aac3f36f7b76e
	Soroka, O.K., Huth, M., Shklovskij, V.A., Oster, J., Adrian, H.	Guided vortex motion in Nb films on faceted substrate surfaces (2003) Physica C: Superconductivity and its Applications, 388-389, pp. 773-774.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038814226&doi=10.1016%2fS0921-4534%2f02%2f902646-1&partnerID=40&md5=92b262fab2ddcc42e44874b3ddb67e0
	Shklovskij, V.A., Soroka, A.A.	Guiding of vortices and its influence on the hall voltages in a bianisotropic planar pinning potential (2003) Journal of Low Temperature Physics, 130 (3-4), pp. 407-414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037303324&doi=10.1023%2fA%3a1022208805968&partnerID=40&md5=2ade8e5bf6f82ce7b56c7a8d3b2b100e
	Shklovskij, V.A., Soroka, A.A.	Nonlinear resistive response in superconductors with bianisotropic pinning (2003) Fizika Nizkikh Temperatur (Kharkov), 29 (1), pp. 22-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037286527&partnerID=40&md5=eedd7138b80724fb9e346d1393446ca1
	Shklovskij, V.A., Soroka, A.A.	Anisotropy of the critical current and the guided motion of vortices in a stochastic model of bianisotropic pinning. II. Observed effects (2002) Low Temperature Physics, 28 (5), pp. 312-320.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036284520&doi=10.1063%2f1.1480237&partnerID=40&md5=47622f3956577c1046d51c870d3dccc4
	Shklovskij, V.A., Soroka, A.A.	Anisotropy of the critical current and the guided motion of vortices in a stochastic model of bianisotropic pinning. I. Theoretical model (2002) Low Temperature Physics, 28 (4), pp. 254-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036246120&doi=10.1063%2f1.1477358&partnerID=40&md5=e06d707f48685587670c4806dac812b0
	Shklovskij, V.A., Soroka, A.A.	Critical current anisotropy and directed motion of vortices in the stochastic model of bianisotropic pinning. II. The observed effects (2002) Fizika Nizkikh Temperatur (Kharkov), 28 (5), pp. 449-459.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036575242&partnerID=40&md5=9b0848db164dac84dbf3b7c33cc81fc2
	Shklovskij, V.A., Soroka, A.A.	Critical current anisotropy and guiding of vortices in the stochastic model of bianisotropic pinning. I - Theoretical model (2002) Fizika Nizkikh Temperatur (Kharkov), 28 (4), pp. 365-373.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-003651647&partnerID=40&md5=62c05094060d47835272f8dadfd4d402
	Shklovskij, V.A.	Guiding of vortices and the Hall conductivity scaling in a bianisotropic planar pinning potential (2002) Physical Review B - Condensed Matter and Materials Physics, 65 (9), art. no. 092508, pp. 925081-925084.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243379839&partnerID=40&md5=02c19ba101b80a4993bd53d5de6742a3
	Shklovskij, V.A.	Mixed-state longitudinal and transverse resistivities of superconductors with anisotropic pinning: Theory and experiment (2000) Physica B: Condensed Matter, 284-288 (PART 1), pp. 825-826.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033704688&partnerID=40&md5=57def103651ea2fe74c287f2f2f67caa
	Shklovskij, V.A.	Nonlinear mixed-state longitudinal and transverse resistivities of superconductors with anisotropic pinning - A phenomenological approach (1999) Low Temperature Physics, 25 (2), pp. 109-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2264435744&doi=10.1063%2f1.593712&partnerID=40&md5=e93cac60338dcd3345c827dc8881f77
	Chabanenکو, V.V., Prodan, A.A., Shklovskij, V.A., Bondarenko, A.V., Obolenskii, M.A., Szymczak, H., Piechota, S.	Guiding of vortices in YBa ₂ Cu ₃ O _{7-δ} single crystals with unidirected twins (1999) Physica C: Superconductivity and its Applications, 314 (1), pp. 133-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032654573&doi=10.1016%2fS0921-4534%2f99%2f2900026-X&partnerID=40&md5=d90e7da2824959acfa1c4d320286b0ab
	Shklovskij, V.A.	Nonlinear mixed-state longitudinal and transverse resistivities of superconductors with anisotropic pinning - a phenomenological approach (1999) Fizika Nizkikh Temperatur (Kharkov), 25 (2), pp. 153-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032662690&partnerID=40&md5=7aebc73c6b3eb1c8a6f34e1fd276eb6b
	Obolenskii, M.A., Bondarenko, A.V., Shklovskij, V.A., Vovk, R.V., Prodan, A.A.	Resistive investigations of creep controlled by plastic deformation of vortex lattice (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (1), p. 74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342988276&partnerID=40&md5=bdc3f3ab38c68b6e9d281b5955bc2cb6
	Chabanenکو, V.V., Prodan, A.A., Shklovskij, V.A., Bondarenko, A.V., Obolenskii, M.A., Szymczak, H., Piechota, S.	Experimental observation of a new galvanomagnetic effect in YBaCuO single crystals with unidirected twins (1998) Superconductor Science and Technology, 11 (10), pp. 1133-1136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11644305756&doi=10.1088%2f0953-2048%2f11%2f10%2f052&partnerID=40&md5=102af985be2ae02d263b442363406f37
	Bondarenko, A.V., Shklovskij, V.A., Obolenskii, M.A., Vovk, R.V., Prodan, A.A., Pissas, M., Niarchos, D., Kallias, G.	Resistivity investigations of plastic vortex creep in YBa ₂ Cu ₃ O _{6.95} crystals (1998) Physical Review B - Condensed Matter and Materials Physics, 58 (5), pp. 2445-2447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000670504&partnerID=40&md5=87070a16102d6ed2d3a52705ae2007e2

	Prodan, A.A., Shklovskij, V.A. , Chabanenko, V.V., Bondarenko, A.V., Obolenskii, M.A., Szymczak, H., Plechota, S.	Observation of an odd longitudinal magnetoresistance in YBa ₂ Cu ₃ O _{7-δ} single crystals with unidirected twins (1998) <i>Physica C: Superconductivity and its Applications</i> , 302 (4), pp. 271-276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032115074&partnerID=40&md5=50de34788b03f220a88ff4aeae8749
	Shklovskij, V.A.	Anisotropic pinning and the mixed-state galvanothermodynamic properties of superconductors - A phenomenological approach (1997) <i>Fizika Nizkikh Temperatur (Kharkov)</i> , 23 (10), pp. 1134-1138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001324662&partnerID=40&md5=bb1e31ae7435a8998ff94225503141f
	Bondarenko, A.V., Shklovskij, V.A. , Vovk, R.V., Obolenskii, M.A., Prodan, A.A.	Pinning and dynamics of magnetic flux in YBaCuO single crystals for vortex motion along twin boundaries (1997) <i>Fizika Nizkikh Temperatur (Kharkov)</i> , 23 (12), p. 1288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244291365&partnerID=40&md5=e0b06a0655757b93ab29fb8cee5c5ccc
	Bondarenko, A.V., Shklovskij, V.A. , Vovk, R.V., Obolenskii, M.A., Prodan, A.A.	Pinning and dynamics of magnetic flux in YBaCuO single crystals for vortex motion along twin boundaries (1997) <i>Fizika Nizkikh Temperatur (Kharkov)</i> , 23 (12), pp. 1281-1288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031379499&partnerID=40&md5=ce76ed8ea0956e514189929232eaab2e
	Bondarenko, A.V., Shklovskij, V.A. , Vovk, R.V., Obolenskii, M.A., Prodan, A.A.	Pinning and dynamics of magnetic flux in YBaCuO single crystals for vortex motion along twin boundaries (1997) <i>Low Temperature Physics</i> , 23 (12), pp. 962-967.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844503318&partnerID=40&md5=a3e1a5970b348647be11327d7eec088b
	Shklovskij, V.A.	Anisotropic pinning and the mixed-state galvanothermodynamic properties of superconductors - A phenomenological approach (1997) <i>Low Temperature Physics</i> , 23 (10), pp. 853-856.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21944454416&partnerID=40&md5=0549fbc47d214d7548af41b10741dba4
	Shklovskij, V.A. , Ostroushko, V.N.	Nonlinear resonance study of the periodic motion of the explosive crystallization front in glasses (1996) <i>Physical Review B - Condensed Matter and Materials Physics</i> , 53 (6), pp. 3095-3106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042996321&partnerID=40&md5=761392cbe3c0041d402bc18e8bfaad9f
	Obolenskii, M.A., Bondarenko, A.V., Shklovskij, V.A. , Revyakina, M.G.	Anisotropy of the critical current due to twin planes and vortex melting in YBa ₂ Cu ₃ O _{7-x} single crystals (1996) <i>Fizika Nizkikh Temperatur (Kharkov)</i> , 22 (8), pp. 892-897.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3743065986&partnerID=40&md5=f0e07c1551fc2ba9b4db9c1c3926cf
	Revyakina, M.G., Obolenskii, M.A., Bondarenko, A.V., Shklovskij, V.A.	Temperature dependence and anisotropy due to twin planes of the critical current in ab-plane (1996) <i>Czechoslovak Journal of Physics</i> , 46 (SUPPL. 3), pp. 1771-1772.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958085935&doi=10.1007%2Fbf02563000&partnerID=40&md5=f108b89442f042dc5d43d304a9c6fbc7
	Morgoon, V.N., Shklovskij, V.A. , Bindilatti, V., Bondarenko, A.V., Jardim, R.F., Becerra, C.C., Shigue, C.Y., Sivakov, A.V.	Mixed state odd hall effect in YBa ₂ Cu ₃ O _{7-δ} with unidirectional twins (1996) <i>Journal of Low Temperature Physics</i> , 105 (3-4), pp. 963-968.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030283563&partnerID=40&md5=8bfc5e3d8890bedc9f77665bc2a9fdd
	Usatenko, O.V., Shklovskij, V.A.	Brownian motion of particles in 1D arbitrary periodic potentials near a phase transition point (1994) <i>Journal of Physics A: General Physics</i> , 27 (15), art. no. 006, pp. 5043-5051.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21344476632&doi=10.1088%2F0305-4470%2F27%2F15%2F006&partnerID=40&md5=5a69485cdcc323a10768fb22652e762d
	Shklovskij, V.A.	Nonlinear flux creep resistivity and anisotropy of transport critical current in YBaCuO single crystals with unidirected twins (1994) <i>Physica C: Superconductivity and its applications</i> , 235-240 (PART 5), pp. 3051-3052.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346340427&doi=10.1016%2F0921-4534%2894%2991052-9&partnerID=40&md5=5748d619608c4bae2d691fc0ea8def05
	Bezuglyj, A.I., Shklovskij, V.A.	Effect of self-heating on flux flow instability in a superconductor near T _c (1992) <i>Physica C: Superconductivity and its applications</i> , 202 (3-4), pp. 234-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026947575&doi=10.1016%2F0921-4534%2892%2990165-9&partnerID=40&md5=618dd35927729eade0f0dace6c3a45f20
	Kuz'menko, V.M., Shklovskij, V.A. , Vladychkin, A.N.	Effect of crystalline inclusions on the explosive crystallization of amorphous films of pure metals (1991) <i>Journal of Non-Crystalline Solids</i> , 130 (3), pp. 319-321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026205709&doi=10.1016%2F0022-3093%2891%2990369-H&partnerID=40&md5=31afd0cd70344e706b79b305619ed32
	Bezuglyj, A.I., Shklovskij, V.A.	Thermal domains in inhomogeneous current-carrying superconductors. Current-voltage characteristics and dynamics of domain formation after current jumps (1984) <i>Journal of Low Temperature Physics</i> , 57 (3-4), pp. 227-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021531811&doi=10.1007%2FBF00681190&partnerID=40&md5=dac973bd1cb68f023adff851d3dc911d2
	Shklovskij, V.A.	Hot electrons in metals at low temperatures (1980) <i>Journal of Low Temperature Physics</i> , 41 (3-4), pp. 375-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0005823584&doi=10.1007%2FBF00117947&partnerID=40&md5=9e148b80d3b0c34249332e891253e177
23	Bobkov, V.V., Gritsyna, V.V., Gritsyna, V.T. , Afanasieva, I.A., Shevchenko, D.I.	Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment (2016) <i>Journal of Surface Investigation</i> , 10 (6), pp. 1239-1265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002496900&doi=10.1134%2F1027451016050694&partnerID=40&md5=1b1ff1bc8204b847e46ab9c952032583
	Misyura, I.M., Girka, I.O., Gritsyna, V.T. , Kazarinov, Y.G.	Changes in the composition and optical properties of Cu and Cu ₂ O nanofilms deposited on SiO ₂ substrates after annealing and bombardment by argon and hydrogen ions (2014) <i>Journal of Surface Investigation</i> , 8 (6), pp. 1339-1344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914159564&doi=10.1134%2F1027451014040405&partnerID=40&md5=6d2da510be6d9dfca500077e0e8b62f4
	Azarenkov, N.A., Afanas'Eva, I.A., Bobkov, V.V., Gritsyna, V.V., Gritsyna, V.T. , Peretyatko, A.A., Ryzhov, D.A., Shevchenko, D.I.	Ion-photon emission under ion bombardment of garnet structures of different composition (2014) <i>Vacuum</i> , 105, pp. 91-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899929473&doi=10.1016%2Fj.vacuum.2013.10.022&partnerID=40&md5=14224d7305b49667dd5b035e4dcf056f
	Gritsyna, V. , Kazarinov, Y., Moskvitin, A.	Radio-luminescence of defects and impurity ions in magnesium aluminates spinel crystals (2013) <i>Solid State Phenomena</i> , 200, pp. 203-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876521667&doi=10.4028%2Fwww.scientific.net%2FSSP.200.203&partnerID=40&md5=3d1456c04585d3658ea03eb14f4cfd
	Kobyakov, V.A., Patochkina, O.L., Gritsyna, V.T.	Infrared spectroscopy studies of magnesium aluminates spinel crystals (2013) <i>Solid State Phenomena</i> , 200, pp. 209-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876533579&doi=10.4028%2Fwww.scientific.net%2FSSP.200.209&partnerID=40&md5=5479c849e326678d766a557f463926cb
	Kobyakov, V.A., Patochkina, O.L., Gritsyna, V.T.	Infrared spectroscopy studies of magnesium aluminates spinel crystals (2012) <i>International Conference on Oxide Materials for Electronic Engineering, OMEE 2012</i> , art. no. 6464808, pp. 155-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881651485&doi=10.1109%2FOMEE.2012.6464808&partnerID=40&md5=6e230f0e8720e74d07b316db7f390a3
	Gritsyna, V.T. , Kazarinov, Y.G., Moskvitin, A.O.	Radio-luminescence of defects and impurity ions in magnesium aluminates spinel (2012) <i>International Conference on Oxide Materials for Electronic Engineering, OMEE 2012</i> , art. no. 6464809, pp. 153-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881628980&doi=10.1109%2FOMEE.2012.6464809&partnerID=40&md5=d7ac7c8d74111461bf9312bf38c4593c
	Mysiura, I.N., Girka, I.O., Gritsyna, V.T.	Determination of chemical composition of implanted nanolayers by analysis of their optical properties (2012) <i>Functional Materials</i> , 19 (2), pp. 251-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863732458&partnerID=40&md5=b559757bd3817023f0693bc2c129fdd4
	Bobkov, V.V., Afanas'Eva, I.A., Gritsyna, V.V., Gritsyna, V.T. , Ryzhov, D.A., Shevchenko, D.I.	Characteristic features of ion-photon emission from yttrium-iron garnets (2012) <i>Vacuum</i> , 86 (10), pp. 1624-1629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861618072&doi=10.1016%2Fj.vacuum.2011.12.011&partnerID=40&md5=2ab9038d58c43d9efdd517de7199be6e1
	Tyutyunik, O.K., Moskvitin, A.O., Kazarinov, Y.G., Gritsyna, V.T.	Radioluminescence mechanism of magnesium aluminate spinel transparent ceramics (2010) <i>Functional Materials</i> , 17 (1), pp. 41-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888247641&partnerID=40&md5=d3476f6cf392277a9e5dc6aa997dcb79
	Gritsyna, V.T. , Kazarinov, Y.G., Moskvitin, A.A., Reimanis, I.E.	Radiation induced optical centers in magnesium aluminate spinel ceramics (2010) <i>Problems of Atomic Science and Technology</i> , (1), pp. 28-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149387979&partnerID=40&md5=6313b5d02184752d0d93a0b21f737add
	Gritsyna, V.T. , Yu, G.K., Moskvitin, A.O., Reimanis, I.E.	Point defects in magnesium aluminates spinel ceramics doped with lithium fluoride (2010) <i>Acta Physica Polonica A</i> , 117 (1), pp. 161-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77749279419&partnerID=40&md5=cb8098bc735b13f5e5ee257605b65d56
	Gokov, S.P., Gritsyna, V.T. , Kochetov, S.S., Kasilov, V.I., Kazarinov, Y.G.	Defects formation in spinel crystals under electron and gamma beam irradiation (2009) <i>Problems of Atomic Science and Technology</i> , (2), pp. 43-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549232298&partnerID=40&md5=a3e1c1b39ed66b0cbe70511073bce021
	Gokov, S.P., Gritsyna, V.T. , Kasilov, V.I., Kochetov, S.S., Kazarinov, Y.G.	Efficiency of defects formation in spinel under high energy electron and gamma beam irradiation (2009) <i>Problems of Atomic Science and Technology</i> , (5), pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549248178&partnerID=40&md5=93847bf3a3d7b28ccb3d702ab2e4acb9

Gritsyina, V.T., Bobkov, V.V., Gokov, S.P., Gritsyina, V.V., Shevchenko, D.I.	Effects of argon-ion bombardment on the properties of the surface layer in spinel crystals of different composition (2008) Vacuum, 82 (9), pp. 888-894.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41949122048&doi=10.1016%2Fj.vacuum.2007.12.002&partnerID=40&md5=ae53bc66bde6dc028ef793269c38a597
Bobkov, V.V., Gokov, S.P., Gritsyina, V.V., Gritsyina, V.T., Shevchenko, D.I., Alimov, S.S.	Mechanisms of formation of sputtered particles in excited states at Ar ⁺ ion bombardment of oxide targets (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 501-505.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947108301&doi=10.1016%2Fj.nimb.2006.12.049&partnerID=40&md5=12a7fd2652ce522fcd31a1c72d6c997
Gritsyina, V.T., Afanasyev-Charkin, I.V., Kazarinov, Yu.G., Sickafus, K.E.	Optical properties of magnesium aluminate spinel crystals implanted with helium ions (2006) Vacuum, 81 (2), pp. 174-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748596611&doi=10.1016%2Fj.vacuum.2006.03.015&partnerID=40&md5=be7d3d449743a4cd4075b8957020b2b
Gritsyina, V.T., Kazarinov, Yu.G.	Thermal stability of radiation-induced optical centers in non-stoichiometric spinel crystals (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 250 (1-2 SPEC. ISS.), pp. 349-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746486388&doi=10.1016%2Fj.nimb.2006.04.136&partnerID=40&md5=c9b1e3f0c3129af4172c429845dfdb1
Gritsyina, V.T., Kazarinov, Yu.G., Kobayakov, V.A., Reimanis, I.E.	Radiation-induced luminescence in magnesium aluminate spinel crystals and ceramics (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 250 (1-2 SPEC. ISS.), pp. 342-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746291273&doi=10.1016%2Fj.nimb.2006.04.135&partnerID=40&md5=84d1abebc93c4c3fba084576766a362
Plaksin, O.A., Takeda, Y., Okubo, N., Gritsyina, V.T., Boldyrieva, H., Biederman, H., Kono, K., Kishimoto, N.	Ultra-fast non-linear optical response of metal-nanocluster composites prepared by the method of dynamic ion mixing of polymers (2005) Nonlinear Optics Quantum Optics, 34 (1-4 SPEC. ISS.), pp. 279-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28844451145&partnerID=40&md5=bb4114bb3aa8edd66065eb4e44d23915
Gritsyina, V.T., Afanasyev-Charkin, I.V., Kazarinov, Yu.G., Sickafus, K.E.	Optical transitions in magnesium aluminate spinel crystals of different compositions exposed to irradiation (2004) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 218 (1-4), pp. 264-270.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342466753&doi=10.1016%2Fj.nimb.2004.02.002&partnerID=40&md5=ceed3c3183ae441db7593671e07d83
Bobkov, V.V., Gokov, S.P., Gritsyina, V.V., Gritsyina, V.T., Shevchenko, D.I.	Effect of oxide band structure on the emission process of excited atoms under ion bombardment (2004) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 218 (1-4), pp. 46-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342634496&doi=10.1016%2Fj.nimb.2003.12.013&partnerID=40&md5=b91e908690bc3d0cabed4a497566290
Gritsyina, V.T., Kazarinov, Yu.G., Kobayakov, V.A., Sickafus	X-ray luminescence of defects in spinel single crystals (2004) Journal of Applied Spectroscopy, 71 (3), pp. 395-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4444321442&doi=10.1023%2Fb%3aJAPS.0000039967.60903.09&partnerID=40&md5=77dae389f7f809364ee094faec38767
Gritsyina, V.T., Kazarinov, Y.G., Kobayakov, V.A., Sickafus, K.E.	The origin of radiation resistance of magnesium aluminate spinel (2003) Materials Research Society Symposium - Proceedings, 792, pp. 117-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442455660&partnerID=40&md5=9985630b010ad9cc4ac2d3181d306f2f
Belyaev, N.R., Girka, I.O., Gritsyina, V.T.	Effect of the periodic ripple in an axial confining magnetic field on the Alfvén heating of a cylindrical plasma (2003) Plasma Physics Reports, 29 (5), pp. 399-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038498111&doi=10.1134%2F1.1575310&partnerID=40&md5=3162a8a34a2dfefc54f0b1871ec8fe4
Gritsyina, V.T., Kazarinov, Yu.G., Kobayakov, V.A., Sickafus, K.E.	Defects and radiation induced electronic processes in magnesium aluminate spinel of different compositions (2002) Radiation Effects and Defects in Solids, 157 (6-12), pp. 659-663.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342636471&doi=10.1080%2F10420150215784&partnerID=40&md5=a8e8416a31f3fcbdbb42472a178e5853
Takeda, Y., Umeda, N., Gritsyina, V.T., Kishimoto, N.	Optical transient resonance of copper nanoparticle composites synthesized by negative ion implantation (2001) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 175-177, pp. 463-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035303314&doi=10.1016%2F0168-583X%2800%2900570-X&partnerID=40&md5=f2146c7454309547c77971af12497140
Okubo, N., Takeda, Y., Amekura, H., Zhao, J.P., Gritsyina, V.T., Kishimoto, N.	Surface smoothening and compaction of silica glass under dynamic negative ion mixing (2001) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 175-177, pp. 663-667.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035303246&doi=10.1016%2F0168-583X%2801%2900344-5&partnerID=40&md5=5dbdc703db4aa2607309d801004b0ffe
Afanasyev-Charkin, I.V., Cooke, D.W., Ishimaru, M., Bennett, B.L., Gritsyina, V.T., Williams, J.R., Sickafus, K.E.	Refractive indices of metastable and amorphous phases in Ne ⁺ -ion irradiated magnesium-aluminate spinel (2001) Optical Materials, 16 (3), pp. 397-402.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035311245&doi=10.1016%2F0925-3467%2800%2900048-3&partnerID=40&md5=d10d4ef94dbb27d330671002651f13b
Afanasyev-Charkin, I.V., Dickerson, R.M., Cooke, D.W., Bennett, B.L., Gritsyina, V.T., Sickafus, K.E.	Effects of Xe ion irradiation and subsequent annealing on the structural properties of magnesium-aluminate spinel (2001) Journal of Nuclear Materials, 289 (1-2), pp. 110-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034824829&doi=10.1016%2F0022-3115%2800%2900689-9&partnerID=40&md5=02127922bc261173b96d7a52cc3453d6
Gritsyina, V.T., Afanasyev-Charkin, I.V., Kobayakov, V.A., Sickafus, K.E.	Neutron irradiation effects in magnesium-aluminate spinel doped with transition metals (2000) Journal of Nuclear Materials, 283-287 (PART II), pp. 927-931.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342513532&partnerID=40&md5=dca4a98ca14b946aeb0e353b666b53ae
Kishimoto, N., Zhao, J.P., Okubo, N., Takeda, Y., Gritsyina, V.T.	A dynamic negative-ion mixing method using high-current heavy ions and electron beam evaporation (2000) Proceedings of the International Conference on Ion Implantation Technology, art. no. 924262, pp. 749-752.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649880840&doi=10.1109%2F2000.924262&partnerID=40&md5=42efdc2a18398b1ee582ab5cccd293f8
Afanasyev-Charkin, I.V., Wayne Cooke, D., Gritsyina, V.T., Ishimaru, M., Sickafus, K.E.	Effects of He ⁺ ion implantation on optical and structural properties of MgAl ₂ O ₄ (2000) Vacuum, 58 (1), pp. 2-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0342410320&doi=10.1016%2F0042-207X%2899%2900206-7&partnerID=40&md5=55b81fc92cdd79658b14629bdc02672d
Kishimoto, N., Umeda, N., Takeda, Y., Gritsyina, V.T., Renk, T.J., Thompson, M.O.	In-beam growth and rearrangement of nanoparticles in insulators induced by high-current negative copper ions (2000) Vacuum, 58 (1), pp. 60-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034226131&doi=10.1016%2F0042-207X%2800%2900111-1&partnerID=40&md5=981c5651073dc2ec966fd913c5c5447b
Takeda, Y., Zhao, J.P., Lee, C.G., Gritsyina, V.T., Kishimoto, N.	Nonlinear optical properties of Cu nanoparticles embedded in insulators by high-current Cu-implantation (2000) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 166, pp. 877-881.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033745788&doi=10.1016%2F0168-583X%2899%2900798-3&partnerID=40&md5=3ca93a8913221ce75e7e206e3ecfe115
Gritsyina, V.T., Afanasyev-Charkin, I.V., Kobayakov, V.A., Voitsenya, T.I., Sickafus, K.E.	Charge carrier rearrangement in spinel crystals irradiated at low temperatures (2000) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 166, pp. 244-249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033728678&doi=10.1016%2F0168-583X%2899%2900660-6&partnerID=40&md5=6b4495edcd3840f3f869fcb2fd56905
Umeda, N., Kishimoto, N., Takeda, Y., Lee, C.G., Gritsyina, V.T.	Thermal stability of nanoparticles in silica glass implanted with high-flux Cu-ions (2000) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 166, pp. 864-870.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033729062&doi=10.1016%2F0168-583X%2899%2900796-X&partnerID=40&md5=8cecf11d22338585e3777e69909a2a1a
Kishimoto, N., Takeda, Y., Umeda, N., Gritsyina, V.T., Lee, C.G., Saito, T.	Metal nanocrystal formation in magnesium aluminate spinel and silicon dioxide with high-flux Cu-ions (2000) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 166, pp. 840-844.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033738773&doi=10.1016%2F0168-583X%2899%2900793-4&partnerID=40&md5=0aaee10f61dae8f43cd2f66f8d156217
Kishimoto, N., Lee, C.G., Umeda, N., Takeda, Y., Gritsyina, V.T.	Sputtering effects and two dimensional arrangement of nanoparticles in insulators under high flux Cu-implantation (2000) Materials Research Society Symposium - Proceedings, 581, pp. 181-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033721765&partnerID=40&md5=33dcdcad565b232965f9f2c824c135f
Gritsyina, V.T., Afanasyev-Charkin, I.V., Kobayakov, V.A., Sickafus, K.E.	Structure and electronic states of defects in spinel of different compositions MgO-nAl ₂ O ₃ :Me (1999) Journal of the American Ceramic Society, 82 (12), pp. 3365-3373.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033333983&partnerID=40&md5=a4152a9e1342af6646e118e7cde1579f
Kishimoto, N., Umeda, N., Takeda, Y., Lee, C.G., Gritsyina, V.T.	Self-assembled two-dimensional distribution of nanoparticles with high-current Cu-implantation into insulators (1999) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 148 (1-4), pp. 1017-1022.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033513733&partnerID=40&md5=f5d9a15a16b94cb4a34da09a32a3fb5f
Kishimoto, N., Takeda, Y., Gritsyina, V.T., Iwamoto, E., Saito, T.	High-current negative-ion implanter and its application for nanocrystal fabrication in insulators (1999) Proceedings of the International Conference on Ion Implantation Technology, 1, pp. 342-345.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033340004&partnerID=40&md5=fe79eb34a08b65c80c9e8a7e6ac7e0b7

Kishimoto, N., Umeda, N., Takeda, Y., Lee, G.G., Gritsyna, V.T.	Nanocrystal growth in crystalline insulators irradiated with high-current or ions (1999) Materials Research Society Symposium - Proceedings, 540, pp. 153-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032592192&partnerID=40&md5=68d4ecb03e3789c9f3963f4aa0f5cae8
Takeda, Y., Gritsyna, V.T. , Umeda, N., Lee, G.G., Kishimoto, N.	Linear and nonlinear optical properties of Cu nanoparticles fabricated by high-current Cu- implantation in silica glass (1999) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 148 (1-4), pp. 1029-1033.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033513909&partnerID=40&md5=d46d198237c701b7ff3be4a30c0c238b
Afanas'yev-Charkin, I.V., Gritsyna, V.T. , Cooke, D.W., Bennett, B.L., Evans, C.R., Hollander, M.G., Sickafus, K.E.	Optical absorption and thermoluminescence of MgAl ₂ O ₄ spinel crystals implanted with Xe ⁺⁺ ions (1999) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 148 (1-4), pp. 787-792.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033513770&partnerID=40&md5=8ed73438f4652e0ce3f96dfef7168bc9
Voitsenya, V.S., Bardamid, A.F., Borisenko, Yu.N., Gritsyna, V.I., Gritsyna, V.T. , Kononov, V.G., Odintsov, N.B., Orlinski, D.V., Palladino, R., Ruzhitskij, V.V., Rybin, V.V., Shapoval, A.N., Shtan, A.F., Solodovchenko, S.I., Yakimov, K.I., Young, K.	On the choice of material for the first mirrors of fusion reactor plasma diagnostics (1999) Plasma Devices and Operations, 7 (4), pp. 243-254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033335866&partnerID=40&md5=08671481f0ca886e6752406ca33c6fcc
Borisenko, Yu.N., Gritsyna, V.T. , Litovchenko, S.V., Maslova, T.S.	Dosed extraction of hydrogen from a layered thin-film system (1999) Technical Physics, 44 (2), pp. 235-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033243751&partnerID=40&md5=824713ab705cc101609d723c4b7e964f
Kishimoto, N., Gritsyna, V.T. , Takeda, Y., Lee, C.G., Umeda, N., Saito, T.	Nanocrystal growth at high dose rates in negative copper-ion implantation into insulators (1999) Materials Research Society Symposium - Proceedings, 504, pp. 345-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032663230&partnerID=40&md5=3c7a91b041b79c93455ebd8b52d89629
Voitsenya, V.S., Kononov, V.G., Shtan, A.F., Solodovchenko, S.I., Becker, M.F., Bardamid, A.F., Yakimov, K.I., Gritsyna, V.T. , Orlinskij, D.V.	Some problems of the material choice for the first mirrors of plasma diagnostics in a fusion reactor (1999) Review of Scientific Instruments, 70 (1 II), pp. 790-793.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0004637082&partnerID=40&md5=e6fb6ab0eb4c94a0b668f91223b9d039
Voitsenya, V.S., Bardamid, A.F., Gritsyna, V.T. , Kononov, V.G., Motojima, O., Orlinskij, D.V., Palladino, R., Peterson, B.J., Shapoval, A.N., Shtan, A.F., Solodovchenko, S.I., Yakimov, K.I., Young, K.	On the choice of materials for the first mirrors of plasma diagnostics in a fusion reactor (1998) Journal of Nuclear Materials, 258-263 (PART 2 B), pp. 1919-1923.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032179388&partnerID=40&md5=a237474079ee7bdbc5e61ff1622ce96
Kishimoto, N., Gritsyna, V.T. , Takeda, Y., Lee, C.G., Saito, T.	Dose-rate dependence of negative copper ion implantation into silica glasses and effects on colloid formation (1998) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 141 (1-4), pp. 299-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032068466&partnerID=40&md5=b866ec8c069e3f617007c2065f85c927
Bardamid, A.F., Gritsyna, V.T. , Kononov, V.G., Orlinskij, D.V., Shapoval, A.N., Shtan, A.F., Solodovchenko, S.I., Voitsenya, V.S., Yakimov, K.I.	Ion energy distribution effects on degradation of optical properties of ion-bombarded copper mirrors (1998) Surface and Coatings Technology, 103-104, pp. 365-369.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4244174097&partnerID=40&md5=ab5d556808a1cf5c1b4f6d0af0afb96b
Bazilevskaya, T.A., Gritsyna, V.T. , Orlinski, D.V., Udaloval, L.V., Voitsenya, A.V.	The effect of composition, processing conditions, and irradiation, on lattice defects in spinel ceramics (1998) Journal of Nuclear Materials, 253 (1-3), pp. 133-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032027483&partnerID=40&md5=74c3d955f59331bcfa398159122bfc45
Gritsyna, V.T. , Kasatkina, N.A., Pershin, V.F.	Surface layer composition of ion bombarded spinel crystals (1997) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 127-128, pp. 612-615.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031547619&partnerID=40&md5=6adf9a9697912bd608929fb18e04d4d
Kishimoto, N., Gritsyna, V.T. , Kono, K., Amekura, H., Saito, T.	Negative copper ion implantation into silica glasses at high dose rates and the optical measurements (1997) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 127-128, pp. 579-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031547639&partnerID=40&md5=4476de0ecf51d2c8efb3992d31a97420
Voitsenya, V.S., Gritsyna, V.I., Gritsyna, V.T. , Kononov, V.G., Orlinskij, D.V., Ruzhitskij, V.V., Shapoval, A.N.	On the influence of fusion reactor conditions on optical properties of metallic plasma-viewing mirrors (1997) Fusion Engineering and Design, 34-35, pp. 365-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243269983&partnerID=40&md5=1196e07a1815a8b3ea0605caba4fed
Kishimoto, N., Gritsyna, V.T. , Kono, K., Amekura, H., Saito, T.	High current implantation of negative copper ions into silica glasses (1996) Materials Research Society Symposium - Proceedings, 438, pp. 435-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030364372&partnerID=40&md5=a5d2075228ac9a6e144e2b4d48c0001
Borisenko, Yu.N., Voitsenya, V.S., Gritsyna, V.T. , Sidorenko, Yu.V., Orlinsky, D.V.	Ion-stimulated processes at the interface between metal and Mg-Al spinel (1996) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 60 (7), pp. 163-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0006664341&partnerID=40&md5=b6eed5c0492a3674e6873323979e8076
Polyakov, N.I., Gritsyna, V.T. , Brailovskii, V.B.	A method for strength analysis of brittle tubular specimens over a wide temperature range (1996) Industrial Laboratory, 62 (10), pp. 636-637.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748985618&partnerID=40&md5=1a33fcd558953c006cfe7a01aca64ef5
Borisenko, Y.N., Gritsyna, V.T. , Ivko, T.V.	The use of stimulated boundary gas release for determination of the adhesion of thin films by the blister test (1995) Journal of Adhesion Science and Technology, 9 (11), pp. 1413-1426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001169896&doi=10.1163%2F156856195X00095&partnerID=40&md5=98120da4652164ec0f5de775ee1cbc63
Gritsyna, V.T. , Dobrotvorskaya, M.V., Pershin, V.F.	XPS method for near surface analysis of Mg in magnesium compounds (1994) Journal of Electron Spectroscopy and Related Phenomena, 68 (C), pp. 669-674.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30244520072&doi=10.1016%2F0368-2048%2894%2980030-8&partnerID=40&md5=4d6d91f614f1470d014b01f6043a87c3
Voitsenya, V.S., Borisenko, Yu.N., Bryk, V.V., Gann, V.V., Grigorenko, B.V., Gritsyna, V.T. , Khorenko, V.K., Kononov, V.G., Koval, I.F., Lubinetsky, I.V., Orlinskij, D.V., Pyatnitsky, M.Yu., Shapoval, A.N., Voevodin, V.N., Volobuev, A.V.	Simulation of radiation effects on reflectors using heavy ion beams (1994) Journal of Nuclear Materials, 212-215 (PART B), pp. 1640-1644.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028494472&doi=10.1016%2F0022-3115%2894%2991105-3&partnerID=40&md5=93ca77ec47add86f2bdbcdd8396102e0
Orlinski, D.V., Altovskiy, I.V., Bazilevskaya, T.A., Gritsyna, V.T. , In'kov, V.I., Ivanin, I.A., Koval'chuk, V.D., Krasil'nikov, A.V., Pavlov, D.V., Tarabrin, Yu.A., Turchin, S.I., Voitsenya, V.S., Yudin, I.L.	Preliminary results of window radiation resistance investigations (1994) Journal of Nuclear Materials, 212-215 (PART B), pp. 1059-1064.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028494524&doi=10.1016%2F0022-3115%2894%2990995-4&partnerID=40&md5=396bc25a337806a54dfcdac5866522b
Borisenko, Y.N., Bryk, V.V., Gann, V.V., Grigorenko, B.V., Gritsyna, V.T. , Kononov, V.G., Koval, I.F., Lyubinetzky, I.V., Orlinski, D.V., Pavlichenko, O.S., Pyatnitsky, M.Y., Shapoval, A.N., Voevodin, V.N., Voitsenya, V.S., Khorenko, V.K.	Effect Of Mev-Range Heavy Ion Irradiation On The Properties Of Metallic Mirrors (1994) Plasma Devices and Operations, 3 (1-2), pp. 157-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963444260&doi=10.1080%2F01519999408201812&partnerID=40&md5=30932142781c9100b8b8c5199cbe8f38
Gritsyna, V.T. , Kobayakov, V.A., Litvinov, L.A.	Spectroscopic features of iron-doped magnesium-aluminum spinel crystals (1986) Journal of Applied Spectroscopy, 45 (2), pp. 837-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022767536&doi=10.1007%2FBF00657468&partnerID=40&md5=91a1437b6993a322e6c73845c142f625
Gritsyna, V.T. , Kol'ner, V.B., Damburg, N.A., Mironova, M.A., Skvortsova, V.N.	Optical spectra of rare-earth ions in magnesium-aluminum spinel crystals (1985) Journal of Applied Spectroscopy, 42 (5), pp. 547-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022054684&doi=10.1007%2FBF00661404&partnerID=40&md5=d0f99542a19e9dae5618ac28519adab1

	Adadurov, A.F., Borisenko, Yu.N., Gritsyne, V.T. , Lazurik, V.T.	Effect of the Boundary-Layer Structure on the Adhesion Interaction in Thin-Film Systems. [VLIYANIE STRUKTURY POGRANICHNOI OBLASTI NA ADGEZIONNOE VZAIMODEISTVIE V TONKOPLENOCHNYKH SISTEMAKH.] (1984) Elektronnyaya Obrabotka Materialov, (4), p. 118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021575585&partnerID=40&md5=a8dd9aa82173567ad4285bc8375a1932
	Borisenko, Yu.N., Gritsyne, V.T. , Kasatkina, N.A., Polyakov, N.I.	UNIVERSAL DEVICE FOR MEASURING THE ADHESION OF THIN FILMS. (1983) Industrial laboratory, 49 (12), pp. 1274-1276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020983877&partnerID=40&md5=c9c046e8d05b0e982c7b404b28a3451a
	Bazilevskaya, T.A., Gritsyne, V.T. , Gritsenko, N.V., Kobayakov, V.A.	Spatial distribution of chromium and manganese ions in a spinel lattice (1983) Journal of Applied Spectroscopy, 39 (1), pp. 818-821.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020780027&doi=10.1007%2BF00662829&partnerID=40&md5=1eb9d5ca315483dc6ea06ac41795e850
	Gritsyne, V.T. , Zaionchkovskii, V.V., Korneeva, T.I., Polyakov, N.I.	Dose dependence of defect formation in SiO ₂ irradiated with electrons and gamma rays (1981) Soviet Physics Journal, 24 (1), pp. 45-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019346831&doi=10.1007%2BF00894495&partnerID=40&md5=f8ba653f11c8b49f2f442f2d52b2df2b
	Gritsyne, V.T. , Voitsenya, T.I., Korneeva, T.I., Kolner, V.B., Pshisukha, A.M.	SPECTROSCOPIC INVESTIGATION OF DEFECTS IN MAGNESIUM-ALUMINUM SPINEL CRYSTALS. (1980) Soviet physics. Technical physics, 25 (10), pp. 1294-1297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019067528&partnerID=40&md5=ebfa659c1cac0aa0826e72036663ee0
	Voitsenya, T.I., Gritsyne, V.T. , Kolner, V.B., Korneeva, T.I., Litvinov, L.A.	Absorption Spectra and Thermoluminescence of MgAl ₂ /2O ₄ Crystals Irradiated with Ultraviolet Light. [SPEKTRY POGLOSHCHENIYA I TERMOLYUMINESTSENTSIYA KRISTALLOV MgAl ₂ /2O ₄ , OBLUCHENNIYKH UL'TRAFIOLETOVYM SVETOM.] (1980) Neorganicheskie materialy, 16 (9), pp. 1580-1583.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019066736&partnerID=40&md5=072ba72124b1c9cc326345cd80e680fa
	Gritsyne, V.T. , Kovtun, E.F., Sizova, Z.I., Kononov, V.I., Sin'kov, Yu.A.	Effect of Electron Irradiation on the Magnetic and Electric Properties of Substituted Yttrium Ferrite Garnets. [VLIYANIE ELEKTRONNOGO OBLUCHENIYA NA MAGNITNYE I ELEKTRICHESKIE SVOISTVA ZAMESHCENNYKH FERRITOV-GRANATOV ITTRIYA.] (1978) Izv Akad Nauk SSSR Neorg Mater, 14 (2), pp. 309-311.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017935987&partnerID=40&md5=e8e93cf477f908f933edf3b1b4deae7b
	Kowalczyk, S.P., McFeely, F.R., Ley, L., Gritsyne, V.T. , Shirley, D.A.	The electronic structure of SrTiO ₃ and some simple related oxides (MgO, Al ₂ O ₃ , SrO, TiO ₂) (1977) Solid State Communications, 23 (3), pp. 161-169.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017516213&doi=10.1016%2F0038-1098%2877%2990101-6&partnerID=40&md5=c71ba9ee9f9a026203fd564356510a58
	Polyakov, N.I., Gritsyne, V.T. , Zmii, V.I.	INVESTIGATION OF THE MECHANICAL PROPERTIES OF MoSi ₂ /2 AND OF THE THERMAL STRESSES IN SILICON-COATED MOLYBDENUM. (1976) Protection of Metals, 12 (4), pp. 418-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016978595&partnerID=40&md5=730e64060767c8ba69e065afd5534cf7f
	Gritsyne, V.T. , Zmii, V.I., Polyakov, N.I., Khrpikov, Yu.F.	Thermal stress in and thermal expansion of siliconized molybdenum (1976) Soviet Powder Metallurgy and Metal Ceramics, 15 (2), pp. 134-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016921576&doi=10.1007%2BF00793566&partnerID=40&md5=2a602e8c3423ea6b88dcb9c81da6a0c8
24	Blinova, N.K., Yatsuk, L.P. , Sachko, V.O., Selutin, A.V.	On the reliability of the mathematical model of coupling the waveguide and free half space by a wire segment through a small round aperture (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724170, pp. 136-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000796990&doi=10.1109%2FuWBUSIS.2016.7724170&partnerID=40&md5=ff46418120774a66fd5632509511a26b
	Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P. , Blinova, N.K., Penkin, Y.M., Dakhov, V.M.	Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7543971, pp. 388-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984973594&doi=10.1109%2fMMET.2016.7543971&partnerID=40&md5=1bf84d3033708d6cdad60e1a0cc2704
	Blinova, N.K., Yatsuk, L.P. , Sachko, V.O.	Energy characteristics of wire vibrator connecting a rectangular waveguide and the free half space through a small hole (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538052, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987947995&doi=10.1109%2fMSMW.2016.7538052&partnerID=40&md5=43b80cb5ae40b7d9ac085ad00919b4
	Yatsuk, L.P. , Lyakhovsky, A.F., Katrich, V.A., Lyakhovsky, A.A.	Waveguide-slot coupling element partially filled with dielectric (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538049, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988038607&doi=10.1109%2fMSMW.2016.7538049&partnerID=40&md5=2601d4f407f006c0c4c73fa649f3a33c
	Yatsuk, L.P. , Lyakhovsky, A.F., Katrich, V.A., Lyakhovsky, A.A.	Coupling of two rectangular waveguides through a diaphragm with a dielectric slab in the slot (2016) Progress In Electromagnetics Research M, 49, pp. 9-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983509071&partnerID=40&md5=091705e69b9e34de9596b0e1bc16797a
	Blinova, N.K., Yatsuk, L.P. , Selyutin, A.V.	Synthesis of a transverse slot grating in a slow wave-supporting waveguide with specified power and directivity characteristics in the case of frequency scanning (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (9), pp. 771-780.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983465291&partnerID=40&md5=b1b89360f65fcd3af84c64caa6cd659b
	Yatsuk, L.P. , Blinova, N.K., Lyakhovsky, A.F., Lyakhovsky, A.A., Selutin, A.V.	Theory questions of waveguide-slot structures with dielectric insertions (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136823, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939455994&doi=10.1109%2fICATT.2015.7136823&partnerID=40&md5=4fab6b2813df622a42c1cf878ea66553
	Penkin, D.Yu., Yatsuk, L.P.	Analysis of energy characteristics of the transversal slot in a wide wall of a rectangular waveguide with local dielectric inclusion (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (8), pp. 669-680.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901288456&partnerID=40&md5=7373b7a8bed3e3eaa33e51ad9353e4d
	Yatsuk, L. , Kichigin, I., Lyakhovsky, A., Penkin, Yu.	Narrow waveguide-slot radiator filled with layered dielectric (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622093, pp. 421-423.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888623809&doi=10.1109%2fMSMW.2013.6622093&partnerID=40&md5=71dea7c9057c5c2e5222fea0924c4048
	Yatsuk, L.P. , Lyakhovsky, A.F., Katrich, V.A.	The physical properties of the resonant diaphragm in a rectangular waveguide with a slot partially filled with a dielectric (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622084, pp. 450-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888618067&doi=10.1109%2fMSMW.2013.6622084&partnerID=40&md5=0fb5f3f6194e4bd59e6b460c6402580
	Blinova, N.K., Yatsuk, L.P.	Optimization of parameters of resonance system based on transverse slots in the rectangular waveguide with slow-wave structure (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650711, pp. 160-162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898642468&doi=10.1109%2fICATT.2013.6650711&partnerID=40&md5=1c3042314734b806bb91d6ce19acfc2b
	Yatsuk, L.P. , Vusik, A.A.	Thin-wire coupling element of adjacent electrodynamic volumes (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650710, pp. 157-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898606363&doi=10.1109%2fICATT.2013.6650710&partnerID=40&md5=b070cccb7b3e27e6a55ca19b35047c
	Blinova, N., Yatsuk, L. , Lyakhovsky, A.	Energy parameters and directional characteristics of a finite system of transverse slots in rectangular waveguide with the dielectric layer (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379810, pp. 294-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872230290&doi=10.1109%2FuWBUSIS.2012.6379810&partnerID=40&md5=b2eb75c6e5102c74ad5dd005926062f2
	Selutin, A., Blinova, N., Yatsuk, L.	Energy and polarization characteristics of X-slots in the waveguide with a dielectric heterogeneity and complex load (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379806, pp. 281-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872257566&doi=10.1109%2FuWBUSIS.2012.6379806&partnerID=40&md5=525195176d85b704a63ec56c2b9a8a3a
	Yatsuk, L.P.	Development of the Fel'd's concepts on the slotted waveguide devices in the works of researchers from the Karazin National University (2012) Journal of Communications Technology and Electronics, 57 (9), pp. 964-971.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867277041&doi=10.1134%2fS1064226912090148&partnerID=40&md5=6023eeef6aca767aa819e59f0cd871ba

Lyakhovsky, A.A., Lyakhovsky, A.F., Blinova, N.K., Yatsuk, L.P.	Characteristics of linear slotted waveguide arrays on the rectangular waveguide with two-layer dielectric filling at excitation by the slowed down dominant mode (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170727, pp. 132-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859939662&doi=10.1109%2FICATT.2011.6170727&partnerID=40&md5=55f2172743a41edd92d7afba4218867
Blinova, N.K., Yatsuk, L.P.	Control of polarization and energetic characteristics of X-like slots in a rectangular waveguide using dielectric inhomogeneities (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069067, pp. 589-590.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455132352&partnerID=40&md5=93cfa3e03d04321c87fee67f698b0a
Blinova, N.K., Lyakhovsky, A.A., Yatsuk, L.P.	Multielement systems of double slots in rectangular waveguide with partial dielectric filling (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609103, pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650135654&doi=10.1109%2FUWBUSIS.2010.5609103&partnerID=40&md5=2b8e844ee39ade717c7b063711a45de4
Yatsuk, L. , Blinova, N., Lyakhovsky, A.	About possibilities of scanning the beam from a set of transverse slots in rectangular waveguide with dielectric layer (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611394, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649260601&doi=10.1109%2FMMET.2010.5611394&partnerID=40&md5=3a08dfb7ebf5735588bc3a96bf8c6efd
Penkin, D.Yu., Yatsuk, L.P.	The output performance of cross slot in rectangular waveguide with dielectric insertion of finite length (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546200, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957358023&doi=10.1109%2FMSMW.2010.5546200&partnerID=40&md5=940732679a82c3097a9637548eac9953
Lyakhovsky, A.A., Yatsuk, L.P. , Lyakhovsky, A.F.	The longitudinal slot characteristics in waveguide with dielectric layer, situated parallel to its broad walls (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546126, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957362806&doi=10.1109%2FMSMW.2010.5546126&partnerID=40&md5=a7d4561c9bad178252bf5c37f0137b1e
Yatsuk, L.P. , Lyakhovsky, A.A.	The limits of applicability of the modified basis induced magnetomotive forces in the scattering problem at longitudinal slot in a waveguide (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676458, pp. 463-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049153781&doi=10.1109%2FCRIMICO.2008.4676458&partnerID=40&md5=e74d7927523c1f310329c49d4940221
Blinova, N., Lyakhovsky, A., Yatsuk, L.	Slot radiators in a rectangular waveguide partly filled with dielectric (2008) 2008 5th European Radar Conference Proceedings, EuRAD 2008, art. no. 4760839, pp. 212-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63149191280&partnerID=40&md5=b23808186cc019aa3685c91dc1d68
Yatsuk, L. , Lyakhovsky, A.A., Blinova, N., Lyakhovsky, A.F.	Physical properties of narrow slots in a rectangular waveguide with dielectric layer (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580978, pp. 311-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749088313&doi=10.1109%2FMMET.2008.4580978&partnerID=40&md5=535ec9d4348e27028cca45b3b06c757e
Blinova, N.K., Lyakhovsky, A.A., Yatsuk, L.P.	Resonance properties and energetic parameters of transverse slots in a waveguide with a dielectric layer (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294779, pp. 690-692.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249121315&doi=10.1109%2FMSMW.2007.4294779&partnerID=40&md5=eec2c6b5607beed2ec19e59f6b1a3404
Blinova, N.K., Lyakhovsky, A.A., Yatsuk, L.P.	Electrodynamics characteristics of the transversal slot radiator in a rectangular waveguide with a layered dielectric filling (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425134, pp. 131-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849127421&doi=10.1109%2FICATT.2007.4425134&partnerID=40&md5=0c878a58c39735fc3066eca5631c4239
Yatsuk, L.P. , Berdnik, S.L., Katrich, V.A.	Output performance of a slot in a waveguide with dielectric insert of finite length (2007) Radioelectronics and Communications Systems, 50 (11), pp. 616-624.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549141621&doi=10.3103%2FIS0735272707110052&partnerID=40&md5=dd373c9b451c008a397436b687e8ffce
Yatsuk, L.	Excitation problems in the slot theory (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689715, pp. 100-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547335947&partnerID=40&md5=38cc9b681286b26291de24663b6cbedf
Yatsuk, L.P. , Lyakhovskii, A.A.	The energy and resonant properties of a longitudinal slot in a waveguide partially filled with dielectric (2006) Radioelectronics and Communications Systems, 49 (5), pp. 28-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947517118&partnerID=40&md5=b01c6ed683e498bfa41789ea306ffc6
Yatsuk, L. , Berdnik, S.	The internal admittance of slot in a waveguide with a dielectric slab of finite length (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689799, pp. 387-389.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547304250&partnerID=40&md5=cb96f75aa1067c69d78e3daf810afafc
Katrich, V.A., Nesterenko, M.V., Yatsuk, L.P.	Energy characteristics of multielement resonator-slot radiators (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099264, pp. 211-213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249098385&doi=10.1109%2FUWBUSIS.2006.307206&partnerID=40&md5=8b50dc2d5f30655de783c04497a8ffbc
Blinova, N.K., Lyakhovsky, A.A., Yatsuk, L.P.	Multielement systems of slots in waveguides with partial dielectric filling (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099270, pp. 229-231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249105692&doi=10.1109%2FUWBUSIS.2006.307212&partnerID=40&md5=696898fd5c0e1534bfe87d4c69fa3dc7
Blinova, N.K., Yatsuk, L.P.	Electromagnetic waves scattering on slot systems in rectangular waveguides with arbitrary loads (2005) 35th European Microwave Conference 2005 - Conference Proceedings, 3, art. no. 1610378, pp. 2071-2074.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847138212&doi=10.1109%2FUMC.2005.1610378&partnerID=40&md5=b1debc4c66b5609bfff08a225aa4d2992
Blinova, N.K., Yatsuk, L.P.	Electromagnetic waves scattering on slot systems in rectangular waveguides with arbitrary loads (2005) EURAD 2005 Conference Proceedings - 2nd European Radar Conference, 2005, art. no. 1605635, pp. 363-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847266344&doi=10.1109%2FURAD.2005.1605635&partnerID=40&md5=5d79af88692e7ec7462587ecc0c36bf5
Yatsuk, L.P. , Nosenko, O.N., Mospan, L.P.	Analysis and synthesis of slotted strips notch and bandstop filters with the aperture method (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 719-721.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544303649&partnerID=40&md5=b0fd1519ab0c4eb6a79172f8e1d4c98f
Yatsuk, L.P. , Zhironkin, Yu.V., Komyachko, A.A., Lyakhovsky, A.A.	Far roots of dispersion equations for LE- and LM-waves (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 323-325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344258063&partnerID=40&md5=f894f0a4b922a3cc9b46e52a88721ecd
Blinova, N.K., Lyakhovsky, A.A., Yatsuk, L.P. , Katrich, V.A.	Waveguide-slot antenna with longitudinal dielectric slab retarding system (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 354-355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644366958&partnerID=40&md5=03e99e963b97660b67fe9f506474fa4c
Yatsuk, L.P. , Nazarenko, T.G., Mistrekov, K.N.	Scattering from slots in a waveguide with imperfectly conducting walls (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (1), pp. 33-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958574033&doi=10.1615%2FTelecomRadEng.v61.i1.40&partnerID=40&md5=f8a6602b1009a2684c37914f874700e7
Katrich, V.A., Yatsuk, L.P. , Nosenko, O.N.	Mathematical model of irregular slot in a broad wall of rectangular waveguide (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 260-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344283374&partnerID=40&md5=20860edcbdf11a2f4f85805eac9f2caf
Blinova, N.K., Lyakhovsky, A.A., Yatsuk, L.P. , Katrich, V.A.	The influence of dielectric layer in waveguide on the characteristics of multi-slot antenna (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 257-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644377927&partnerID=40&md5=40d2562c167dbcb83dc4448d3667e89ec
Lyakhovsky, A.A., Blinova, N.K., Katrich, V.A., Lyakhovsky, A.F., Yatsuk, L.P.	Multi-slot systems on the base of waveguides with partial dielectric filling (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 644-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544281064&partnerID=40&md5=acfb80cebaab4f14914006adee975fc9

Yatsuk, L.P.	Potential functions in the problem of excitation of a waveguide filled with a three-layered dielectric by a longitudinal magnetic current (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (3-4), pp. 1-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949955286&doi=10.1615%2FTelecomRadEng.v60.i34.10&partnerID=40&md5=0dbae3b91a94b88dbc11d6c136a125a1
Yatsuk, L.P., Nazarenko, T.G.	Scattering from the slots in a waveguide filled with an imperfect dielectric (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (5-6), pp. 41-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949948297&doi=10.1615%2FTelecomRadEng.v60.i56.50&partnerID=40&md5=4d2f451fa7a885a77d8af070acbd783
Katrich, V.A., Nesterenko, M.V., Yatsuk, L.P.	Induced magnetomotive forces method for the analysis of radiating and coupling slots in waveguides (2003) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 4, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042471707&partnerID=40&md5=4dfd4983309b443c10b595d120d8c35a
Yatsuk, L.P., Komyachko, A.A., Zhironkin, Yu.V., Nazarenko, T.G.	Analysis of waveguide-slot radiators in the presence of dissipative medium (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239165, pp. 125-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946130770&doi=10.1109%2FICATT.2003.1239165&partnerID=40&md5=f05b3d6171003ca089fec2eeab121235
Katrich, V.A., Martynenko, S.A., Yatsuk, L.P.	Inclined slot in the narrow wall of rectangular waveguide (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (8-9), pp. 33-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751253493&partnerID=40&md5=923808fbb21d6e53502bfb6e845868ac
Katrich, V.A., Nesterenko, M.V., Yatsuk, L.P., Berdnik, S.L.	Method of induced magnetomotive forces for electrically long slots in waveguide walls (2002) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 45 (12), pp. 14-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036991803&partnerID=40&md5=0a62690b3149bf67d2abbe55075b1513
Yatsuk, L.P., Komyachko, A.A., Zhironkin, Y.V.	The problem of orthogonality of eigenwaves in a waveguide partially filled with a lossy dielectric (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1107056, pp. 680-682.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948984211&doi=10.1109%2FMMET.2002.1107056&partnerID=40&md5=72de159ddae8a8b494017ef4fd883505
Katrich, V.A., Martynenko, S.A., Pshenichnaya, S.V., Yatsuk, L.P.	Power performance of an inclined slots system in a narrow wall of a rectangular waveguide (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137270, pp. 355-356.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968756492&doi=10.1109%2FCRMICO.2002.1137270&partnerID=40&md5=ed788bd366ecc78308c846f2f7c37aa4
Katrich, V.A., Kiyko, V.I., Nesterenko, M.V., Yatsuk, L.P.	Basis functions in the analysis of electrically long slots in rectangular waveguide with the induced magnetomotive forces method (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106899, pp. 328-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948983827&doi=10.1109%2FMMET.2002.1106899&partnerID=40&md5=4984ae28984b5f1464cd296850718006
Yatsuk, L.P., Blinova, N.K.	Band properties of a longitudinal double-slot on the broad wall of a rectangular waveguide (2001) Radiotekhnika, (6), pp. 24-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035770250&partnerID=40&md5=bb5342ed6b80f87ff90fc691ba6dd5fe
Yatsuk, L.P., Nazarenko, T.G.	Formulation of the power balance equation for a slot in a waveguide filled with a lossy dielectric (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947264, pp. 652-654.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966658455&doi=10.1109%2FMSMW.2001.947264&partnerID=40&md5=75c6ec26ace47622055d26c182b874da
Blinova, N.K., Yatsuk, L.P.	Frequency selective waveguide-slot radiators (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173877, pp. 385-386.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956644066&partnerID=40&md5=f1361fd040494442d3939bc8969e51d4
Yatsuk, L.P., Lyakhovsky, A.F., Lyakhovsky, A.A.	Physical foundations for scanning waveguide-slot antenna design on the base of rectangular waveguide with partial dielectric filling (2000) 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256122, pp. 320-321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966335430&doi=10.1109%2FCRMICO.2000.1256122&partnerID=40&md5=b5b2705d3437b805c5c80fdb1878a256
Yatsuk, L.P.	Mutual admittance of arbitrarily oriented slots in an infinite plane ideally conducting screen (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (2), pp. 86-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032270868&partnerID=40&md5=f12e5dbedb440ba6856e8ae761ae585
Yatsuk, L.P.	X-shaped slot cut in a waveguide with reflecting termination (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (2), pp. 89-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032280562&partnerID=40&md5=5ccbb317de59a4bea25448652de7c93e
Yatsuk, Ludmila P.	Magnetic field finding in the source-region of longitudinal slot in a waveguide filled with layered dielectric (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 393-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230818&partnerID=40&md5=e6bbfdcb58b17685346fd20977a274f
Yatsuk, L.P.	Transverse slots in a rectangular waveguide filled with a layered dielectric (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (4), pp. 56-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044449774&partnerID=40&md5=27994d5347914327a87d335dc43fa49
Yatsuk, L.P.	Physical properties of transverse slots in a rectangular waveguide filled with a layered dielectric (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (4), pp. 61-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044452493&partnerID=40&md5=549e02795ac158c946f47d7d4d806488
Blinova, N.K., Yatsuk, L.P.	Applicability of the energy method for computations of amplitude-phase distributions in linear waveguide slotted antenna arrays (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 4-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844541730&partnerID=40&md5=c059c188a098402c0019c279d09d7fd2
Yatsuk, Ludmila P., Blinova, Natalia K., Zhironkina, Anna V.	Influence of reflecting load on the polarization properties of cross-like slots in a waveguide (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 586-588.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230610&partnerID=40&md5=9abd07d031d7f18ac5d9514649c20f9e
Blinova, N.K., Zhironkina, A.V., Yatsuk, L.P.	Polarization properties and power parameters of a system of x-shaped slots in a rectangular waveguide with an arbitrary load at the end (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (11-12), pp. 94-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751420605&partnerID=40&md5=7eb3e29ba72c881cee3039a56350a012
Yatsuk, L.P., Katrich, V.A., Zhironkina, A.V.	On the theory of elements and devices of microwave circuits (1996) Izvestiya VUZ: Radioelektronika, 39 (9), pp. 29-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030230152&partnerID=40&md5=74862692c6c0f46e5e796d41e384c8c4
Yatsuk, L.P., Zhironkina, A.V., Katrich, V.A.	Resonance properties of narrow slots in the wide wall of an unbounded rectangular waveguide (1996) Radiotekhnika, (7), pp. 36-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030177783&partnerID=40&md5=f158c3a808a366fdd5ce0c0db0ce77b6
Zhironkina, A.V., Yatsuk, L.P., Katrich, V.A.	Twin slot as a coupling element for electrodynamic cavities (1992) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 47 (12), pp. 95-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027028515&partnerID=40&md5=872ca1345f50e68f45974890a3dd9863
Yatsuk, L.P., Blinova, N.K., Zhironkina, A.V.	Mathematical model of a linear system of slots in a waveguide with an arbitrary reflecting load (1992) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 47 (7), pp. 126-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026894673&partnerID=40&md5=b3b8a312ba0c45f894e8e92f33d30f53
Yatsuk, L.P., Blinova, N.K., Zhironkina, A.V.	Mathematical model of a linear slit system in a waveguide with reflecting load (1992) Radiotekhnika, (7-8), pp. 73-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026887770&partnerID=40&md5=1668ed894190e049197d7f86599c7399
Yatsuk, L.P., Penkin, Yu.M.	Influence of a loaded monopole on a waveguide slot radiator (1991) Izvestiya VUZ: Radioelektronika, 34 (3), pp. 71-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026126439&partnerID=40&md5=42ac2fba7263ae37283e78cc57bd1dc
Yatsuk, L.P., Bodrov, V.V., Gorbach, I.V.	Excitation of a waveguide with an anisotropic impedance wall by a longitudinal magnetic current (1989) Radiophysics and Quantum Electronics, 32 (5), pp. 458-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249953109&doi=10.1007%2FBF01057951&partnerID=40&md5=4a3b0430efba268e13cbfd566a5d3555
Yatsuk, L.P., Zhironkina, A.V.	Scattering of H10 wave mode by a dipole-slot inhomogeneity in a rectangular waveguide (1989) Soviet journal of communications technology & electronics, 34 (2), pp. 61-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024613128&partnerID=40&md5=2a0a2e5245f4cd0e0d8b727d38682a1f

	Yatsuk, L.P. , Zhironkina, A.V., Katrich, V.A., Penkin, Yu.M.	SOLUTION OF THE PROBLEM OF THE EXCITATION OF A RECTANGULAR WAVEGUIDE BY A MAGNETIC CURRENT. (1987) Radioelectronics and Communications Systems (English translation of Izvestiya Vysshikh Uchebnykh Z, 30 (5), pp. 36-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023539415&partnerID=40&md5=e86e71e32cea53228cb92f018f71d0cb
	Yatsuk, L.P.	INFLUENCE OF THE SCATTERER ON THE ENERGY PARAMETER OF THE SLOT IN A WAVEGUIDE. (1987) Radioelectronics and Communications Systems (English translation of Izvestiya Vysshikh Uchebnykh Z, 30 (1), pp. 36-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023206256&partnerID=40&md5=d631370e14590491bc09918d308c6850
	Yatsuk, L.P. , Katrich, V.A.	Slots in waveguide with dielectric layer (1984) Radiophysics and Quantum Electronics, 27 (8), pp. 731-735.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021472226&doi=10.1007/2fBF01040479&partnerID=40&md5=1c925d5651a164688aaaf861a1d75e0f
	Yatsuk, L.P. , Katrich, V.A.	Slot Coupling Components with Partial Dielectric Fillings. [SHCHELEVYE ELEMENTY SVYAZI S CHASTICHNYM DIELEKTRICHESKIM ZAPOLNENIEM.] (1979) Izv Vyssh Uchebn Zaved Radioelektron, 22 (2), pp. 60-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018432568&partnerID=40&md5=bc3d1c27eaf593440d6e77fced1bceca
	Yatsuk, L.P. , Zhironkina, A.V., Katrich, V.A.	Calculation of the Parameters of a Cross-Shaped Slit in a Rectangular Waveguide Taking into Consideration the Intercoupling of the Branches. (1974) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 17 (8), pp. 100-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016094383&partnerID=40&md5=7b381df4b8936ee2fb430a81ebbcd9fd
	Yatsuk, L.P. , Zhironkina, A.V., Katrich, V.A.	Internal Inductances of the Legs of a Cross-Shaped Slot in a Rectangular Waveguide. (1974) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 27 (7), pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016083783&partnerID=40&md5=4a3ff5f71187b5dea9854d898bb7b8d2
25	Vovchynskiy, I.S., Kolesnik, Y.V., Filatov, Y.I., Kalugin, O.N.	Molecular modelling on solutions of 1'-1'-spirobipirrolidinium tetrafluoroborate in acetonitrile (2017) Journal of Molecular Liquids, 235, pp. 60-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009412915&doi=10.1016%2fj.molliq.2016.12.029&partnerID=40&md5=a7c185890c5de8477a6bb9ab22e9e89
	Koverga, V.A., Korsun, O.M., Kalugin, O.N. , Marekha, B.A., Idrissi, A.	A new potential model for acetonitrile: Insight into the local structure organization (2017) Journal of Molecular Liquids, 233, pp. 251-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015677570&doi=10.1016%2fj.molliq.2017.03.025&partnerID=40&md5=9831eca575968a09bbda0b3d48be313b
	Marekha, B.A., Kalugin, O.N. , Bria, M., Takamuku, T., Gadžurić, S., Idrissi, A.	Competition between Cation-Solvent and Cation-Anion Interactions in Imidazolium Ionic Liquids with Polar Aprotic Solvents (2017) ChemPhysChem, 18 (7), pp. 718-721.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013030311&doi=10.1002%2fcfpc.201601445&partnerID=40&md5=53f718d5c3e399aa43fe7c417178f583
	Smortsova, Y., Oher, H., Miannay, F.-A., Vanel, R., Dubois, J., Kalugin, O. , Idrissi, A.	Solvatochromic effects on a class of indoline derivatives organic photosensitizers: About the influence of hydrogen-bond acceptor and donor abilities parameters (2017) Journal of Molecular Liquids, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020920911&doi=10.1016%2fj.molliq.2017.06.052&partnerID=40&md5=d7a5e30d8523fae35b4cfa5d2f85fb
	Agieienko, V.N., Otroshko, N.A., Kalugin, O.N.	Complexation of the alkaline earth metals perchlorates with 3-hydroxyflavone in acetonitrile: Precise conductometric treatment (2017) Journal of Molecular Liquids, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020763484&doi=10.1016%2fj.molliq.2017.05.141&partnerID=40&md5=9f4395da40b176de97ea6fc47a64a8a9
	Kyrychenko, A., Pasko, D.A., Kalugin, O.N.	Poly(vinyl alcohol) as a water protecting agent for silver nanoparticles: The role of polymer size and structure (2017) Physical Chemistry Chemical Physics, 19 (13), pp. 8742-8756.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019903077&doi=10.1039%2fc6cp05562a&partnerID=40&md5=908a892c5a8249bc1489d7fcc3ce718e
	Smortsova, Y., Miannay, F.-A., Oher, H., Marekha, B., Dubois, J., Sliwa, M., Kalugin, O. , Idrissi, A.	Solvation dynamics and rotation of coumarin 153 in a new ionic liquid/molecular solvent mixture model: [BMIM][TFSI]/propylene carbonate (2017) Journal of Molecular Liquids, 226, pp. 48-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002061896&doi=10.1016%2fj.molliq.2016.10.008&partnerID=40&md5=ab5e9ca804348ab2e9d18f69d010815e
	Korsun, O.M., Kalugin, O.N. , Vasenko, A.S., Prezhdo, O.V.	Electronic Properties of Carbon Nanotubes Intercalated with Li ⁺ and Mg ²⁺ : Effects of Ion Charge and Ion Solvation (2016) Journal of Physical Chemistry C, 120 (46), pp. 26514-26521.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84998881001&doi=10.1021%2facsc.jpcc.6b07496&partnerID=40&md5=501f5d8017df44e7829a640704b70479
	Korsun, O.M., Kalugin, O.N. , Fritsky, I.O., Prezhdo, O.V.	Ion association in aprotic solvents for lithium ion batteries requires discrete-continuum approach: Lithium bis(oxalato)borate in ethylene carbonate based mixtures (2016) Journal of Physical Chemistry C, 120 (30), pp. 16545-16552.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84980601944&doi=10.1021%2facsc.jpcc.6b05963&partnerID=40&md5=a62326574d092c33a5bb7acefc276e05
	Marekha, B.A., Koverga, V.A., Chesneau, E., Kalugin, O.N. , Takamuku, T., Jedlovsky, P., Idrissi, A.	Local Structure in Terms of Nearest-Neighbor Approach in 1-Butyl-3-methylimidazolium-Based Ionic Liquids: MD Simulations (2016) Journal of Physical Chemistry B, 120 (22), pp. 5029-5041.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974588932&doi=10.1021%2facsc.jpcc.6b04066&partnerID=40&md5=01f6e2ebe312a14ebb83079cf8f5fbbd
	Chernozhuk, T.V., Sherstyuk, Yu.S., Novikov, D.O., Kalugin, O.N.	Association constants in solutions of lithium salts in butyrolactone and a mixture of propylene carbonate with 1,2-dimethoxyethane (1: 1), according to conductometric data (2016) Russian Journal of Physical Chemistry A, 90 (2), pp. 329-333.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953407750&doi=10.1134%2f50036024416020096&partnerID=40&md5=73f5a40e246563d4496ecb7f14532adb
	Marekha, B.A., Bria, M., Moreau, M., De Waele, I., Miannay, F.-A., Smortsova, Y., Takamuku, T., Kalugin, O.N. , Kiselev, M., Idrissi, A.	Intermolecular interactions in mixtures of 1-n-butyl-3-methylimidazolium acetate and water: Insights from IR, Raman, NMR spectroscopy and quantum chemistry calculations (2015) Journal of Molecular Liquids, 210, pp. 227-237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940602095&doi=10.1016%2fj.molliq.2015.05.015&partnerID=40&md5=3d5ccf65b8a4e178c99924623a1f378a
	Marekha, B.A., Kalugin, O.N. , Bria, M., Idrissi, A.	Probing structural patterns of ion association and solvation in mixtures of imidazolium ionic liquids with acetonitrile by means of relative ¹ H and ¹³ C NMR chemical shifts (2015) Physical Chemistry Chemical Physics, 17 (35), pp. 23183-23194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940491340&doi=10.1039%2fc5cp02748a&partnerID=40&md5=bba985770ccc9607c3da142415f3259c
	Marekha, B.A., Kalugin, O.N. , Idrissi, A.	Non-covalent interactions in ionic liquid ion pairs and ion pair dimers: a quantum chemical calculation analysis (2015) Physical Chemistry Chemical Physics, 17 (26), pp. 16846-16857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933045294&doi=10.1039%2fc5cp02197a&partnerID=40&md5=fb789cbfae5451f031877fc27b8924a
	Kyrychenko, A., Korsun, O.M., Gubin, I.I., Kovalenko, S.M., Kalugin, O.N.	Atomistic simulations of coating of silver nanoparticles with poly(vinylpyrrolidone) oligomers: Effect of oligomer chain length (2015) Journal of Physical Chemistry C, 119 (14), pp. 7888-7899.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&doi=10.1021%2fjp510369a&partnerID=40&md5=47308ebbd73b4c10025dfc825b0c2a29
	Voroshlyova, I.V., Smaga, S.R., Lukinova, E.V., Chaban, V.V., Kalugin, O.N.	Conductivity and association of imidazolium and pyridinium based ionic liquids in methanol (2015) Journal of Molecular Liquids, 203, pp. 7-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920096773&doi=10.1016%2fj.molliq.2014.12.028&partnerID=40&md5=9e7262fec7acdc281600fd5db1ec1423
	Marekha, B.A., Koverga, V.A., Moreau, M., Kiselev, M., Takamuku, T., Kalugin, O.N. , Idrissi, A.	Intermolecular interactions, ion solvation, and association in mixtures of 1-n-butyl-3-methylimidazolium hexafluorophosphate and γ -butyrolactone: Insights from Raman spectroscopy (2015) Journal of Raman Spectroscopy, 46 (3), pp. 339-352.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924962623&doi=10.1002%2fjrs.4640&partnerID=40&md5=f1df1e84cd2fb97f8a5acf28e8b00609
	Agieienko, V.N., Kalugin, O.N.	Complexation of Ni(ClO ₄) ₂ and Mg(ClO ₄) ₂ with 3-hydroxyflavone in acetonitrile medium: Conductometric, spectroscopic, and quantum chemical investigation (2014) Journal of Physical Chemistry B, 118 (42), pp. 12251-12262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908136471&doi=10.1021%2fjp5080829&partnerID=40&md5=a625ff5f373707a7af0fe894319a0bcf
	Marekha, B.A., Kalugin, O.N. , Bria, M., Buchner, R., Idrissi, A.	Translational diffusion in mixtures of imidazolium ionic liquids with polar aprotic molecular solvents (2014) Journal of Physical Chemistry B, 118 (20), pp. 5509-5517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901355161&doi=10.1021%2fjp501561s&partnerID=40&md5=a3f879a763a407f0d7cd41c42f071626
	Agieienko, V.N., Kolesnik, Y.V., Kalugin, O.N.	Structure, solvation, and dynamics of Mg ²⁺ , Ca ²⁺ , Sr ²⁺ , and Ba ²⁺ complexes with 3-hydroxyflavone and perchlorate anion in acetonitrile medium: A molecular dynamics simulation study (2014) Journal of Chemical Physics, 140 (19), art. no. 194501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901500894&doi=10.1063%2f1.4875591&partnerID=40&md5=fadd87339681628f46575b332a8cac93
	Golenya, I.A., Gumienka-Kontecka, E., Haukka, M., Korsun, O.M., Kalugin, O.N. , Fritsky, I.O.	Copper(ii) complexes of 3- and 4-picolinedihydroxamic acids: From mononuclear compounds to 1D- and 2D-coordination polymers (2014) CrystEngComm, 16 (10), pp. 1904-1918.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894148268&doi=10.1039%2fc3ce42343c&partnerID=40&md5=a6c84bcb21dccc37288fc4885ebcb257e
	Korsun, O.M., Kalugin, O.N. , Prezhdo, O.V.	Control of carbon nanotube electronic properties by lithium cation intercalation (2014) Journal of Physical Chemistry Letters, 5 (23), pp. 4129-4133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915751379&doi=10.1021%2fjp502175e&partnerID=40&md5=274d1f479295b7172448d9a7527f5eeb

	Kalugin, O.N. , Voroshylova, I.V., Riabchunova, A.V., Lukinova, E.V., Chaban, V.V.	Conductometric study of binary systems based on ionic liquids and acetonitrile in a wide concentration range (2013) <i>Electrochimica Acta</i> , 105, pp. 188-199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878311330&doi=10.1016%2Fj.electacta.2013.04.140&partnerID=40&md5=5c01b13f19697946e08d1030e079ec35
	Kholin, Y.V. , Kalugin, O.N.	Training of specialists in chemistry at classical universities in the context of higher education reformation in Ukraine (2013) <i>Russian Journal of General Chemistry</i> , 83 (3), pp. 586-593.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880650347&doi=10.1134%2F1070363213030316&partnerID=40&md5=83d9a9b02603a5e795f368e839d4d986
	Chaban, V.V., Voroshylova, I.V., Kalugin, O.N. , Prezhdo, O.V.	Acetonitrile boosts conductivity of imidazolium ionic liquids (2012) <i>Journal of Physical Chemistry B</i> , 116 (26), pp. 7719-7727.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863612319&doi=10.1021%2Fjp3034825&partnerID=40&md5=75d619fc9b06eb8cc2932fff24c7ceed
	Kalugin, O.N. , Agieienko, V.N., Otroshko, N.A.	Ion association and solvation in solutions of Mg 2 +, Ca 2 +, Sr 2 +, Ba 2 + and Ni 2 + perchlorates in acetonitrile: Conductometric study (2012) <i>Journal of Molecular Liquids</i> , 165, pp. 78-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84155167958&doi=10.1016%2Fj.molliq.2011.10.012&partnerID=40&md5=73d438972dc5a712307170d763cadb0b
	Postupna, O.O., Kolesnik, Y.V., Kalugin, O.N. , Prezhdo, O.V.	Microscopic structure and dynamics of LiBF4 solutions in cyclic and linear carbonates (2011) <i>Journal of Physical Chemistry B</i> , 115 (49), pp. 14563-14571.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455195594&doi=10.1021%2Fjp206006m&partnerID=40&md5=a315ff1cc7e39aa4bc07df2b55c82f10
	Chaban, V.V., Voroshylova, I.V., Kalugin, O.N.	The phenomenological account for electronic polarization in ionic liquid (2011) <i>ECS Transactions</i> , 33 (28), pp. 43-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857384154&doi=10.1149%2F1.3563089&partnerID=40&md5=53235e4ab921a226086c3df7f663bd66
	Matveev, V.V., Zubkov, M., Lähderanta, E., Ingman, P., Kalugin, O.N. , Adya, A.K.	Composition of Ni2+ cation solvation shell in NiCl<inf>2</inf>-methanol solution by multinuclear NMR (2011) <i>Physics and Chemistry of Liquids</i> , 49 (6), pp. 746-752.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052853051&doi=10.1080%2F00319104.2010.513334&partnerID=40&md5=bbe8f452ad2424d5998ea293156738bd
	Chaban, V.V., Voroshylova, I.V., Kalugin, O.N.	A new force field model for the simulation of transport properties of imidazolium-based ionic liquids (2011) <i>Physical Chemistry Chemical Physics</i> , 13 (17), pp. 7910-7920.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956044480&doi=10.1039%2Fcp02778b&partnerID=40&md5=1b26d579220686b30890e276106fb8b2
	Nelson, T.R., Chaban, V.V., Kalugin, O.N. , Prezhdo, O.V.	Vibrational energy transfer between carbon nanotubes and liquid water: A molecular dynamics study (2010) <i>Journal of Physical Chemistry B</i> , 114 (13), pp. 4609-4614.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950568114&doi=10.1021%2Fjp912233e&partnerID=40&md5=e2cc83a0a52b46ab4b8fae95c7d5963
	Chaban, V.V., Kalugin, O.N.	Liquid dimethyl sulphoxide confined by carbon nanotubes (2010) <i>Journal of Molecular Liquids</i> , 151 (2-3), pp. 113-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-75549091382&doi=10.1016%2Fj.molliq.2009.11.011&partnerID=40&md5=ba7a71475d522e8c2d23d3ed0d00d688
	Chaban, V.V., Kalugin, O.N.	Structure and dynamics in methanol and its lithium ion solution confined by carbon nanotubes (2009) <i>Journal of Molecular Liquids</i> , 145 (3), pp. 145-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349162324&doi=10.1016%2Fj.molliq.2008.06.003&partnerID=40&md5=f7e0a17a7f1a160a528f90160b47c7d4
	Kalugin, O.N. , Agieienko, V.N., Otroshko, N.A., Moroz, V.V.	Ionic association and solvation in solutions of magnesium and nickel perchlorates in acetonitrile (2009) <i>Russian Journal of Physical Chemistry A</i> , 83 (2), pp. 231-237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59849089939&doi=10.1134%2FS0036024409020150&partnerID=40&md5=a49375255c5a5947b800fe5ecd8b24e
	Kalugin, O.N. , Panchenko, V.G., Dolgareva, A.P., Nikolaichuk, A.G., V'Yunnik, I.N.	Electrical conductivity and ionic association of lithium and sodium perchlorates in tetrahydrofuran (2008) <i>Russian Journal of Physical Chemistry A</i> , 82 (9), pp. 1480-1483.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249108389&doi=10.1134%2FS0036024408090136&partnerID=40&md5=ade1db6f19a7ce24c5440b02d696455b
	Habenicht, B.F., Kalugin, O.N. , Prezhdo, O.V.	Ab initio study of phonon-induced dephasing of electronic excitations in narrow graphene nanoribbons (2008) <i>Nano Letters</i> , 8 (8), pp. 2510-2516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61449199694&doi=10.1021%2Fnl801556n&partnerID=40&md5=2553071101b266e93e48debe523c9586
	Kalugin, O.N. , Chaban, V.V., Loskutov, V.V., Prezhdo, O.V.	Uniform diffusion of acetonitrile inside carbon nanotubes favors supercapacitor performance (2008) <i>Nano Letters</i> , 8 (8), pp. 2126-2130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52049094814&doi=10.1021%2Fnl702976g&partnerID=40&md5=a4d477eada4baad7f96d659bb32947de
	Kalugin, O.N. , Chaban, V.V., Kolesnik, Ya.V.	Correlation of the rotational and translational motions of methanol molecules in pure liquid methanol and in the presence of Li+ ions (2006) <i>Russian Journal of Physical Chemistry A</i> , 80 (8), pp. 1273-1280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750150120&doi=10.1134%2FS0036024406080188&partnerID=40&md5=1abaf83c9038c7987f28df085cdeed0
	Kalugin, O.N. , Panchenko, V.G., V'yunnik, I.N.	A conductometric study of ionic association and interparticle interactions in solutions of 1-1 electrolytes in ethyl acetate at 5-45°C (2005) <i>Russian Journal of Physical Chemistry A</i> , 79 (4), pp. 629-634.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1994436551&partnerID=40&md5=d50318fc5564937e6e70fd3a3899fdf3
	Kalugin, O.N. , Otroshko, N.A., V'Yunnik, I.N.	Electroconduction, association, and ion-molecular interactions in nickel chloride solutions in methanol at 5-55°C (2004) <i>Russian Journal of Electrochemistry</i> , 40 (7), pp. 743-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242892742&doi=10.1023%2FB%3aRUEL.0000035259.65376.b0&partnerID=40&md5=07db937de164a29ebdabcbe72e60a07
	Kalugin, O.N. , Otroshko, N.A., V'yunnik, I.N.	Electric conduction, association, and ion-molecule interactions in solutions of nickel chloride in methanol at 5-55°C (2004) <i>Elektrokhimiya</i> , 40 (7), pp. 852-860.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644329272&partnerID=40&md5=a8d4d24d4f19c0ca83446f22393b1dee
	Kalugin, O.N. , Panchenko, V.G.	An interpretation of the concentration dependence of the electric conductance for solutions with a low permittivity taking into account the formation of ion pairs and triple ions (2003) <i>Russian Journal of Physical Chemistry A</i> , 77 (8), pp. 1310-1314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141852072&partnerID=40&md5=8f78ae90b95e2b170822cc6183364a8c
	Kalugin, O.N. , Kolesnik, Ya.V.	Structural characteristics of the solvation and association of LiClO4 in methanol (2003) <i>Russian Journal of Physical Chemistry A</i> , 77 (6), pp. 1028-1030.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038391053&partnerID=40&md5=13106df3985c57150bad53c632545bc8
	Kalugin, O.N. , Adya, A.K., Volobuev, M.N., Kolesnik, Y.V.	Solvation of solvophilic and solvophobic ions in dimethyl sulfoxide: Microscopic structure by molecular dynamics simulations (2003) <i>Physical Chemistry Chemical Physics</i> , 5 (8), pp. 1536-1546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344080444&doi=10.1039%2Fb212269c&partnerID=40&md5=f42c7f1410c0bf10fb752783489ae91a
	Kolesnik, Ya.V., Kalugin, O.N.	Collective Motion of Charges in Lithium Tetrafluoroborate Solutions in Acetonitrile (2003) <i>Russian Journal of Electrochemistry</i> , 39 (4), pp. 427-429.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642570405&doi=10.1023%2FA%3a1023378526563&partnerID=40&md5=91779300092c7dc1ce0d1ab16908bad3
	Kolesnik, Ya.V., Kalugin, O.N.	Collective motion of charges in lithium tetrafluoroborate solutions in acetonitrile (2003) <i>Elektrokhimiya</i> , 39 (4), pp. 473-475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037779431&partnerID=40&md5=0344db2d8fd7b75370ec4e2508b29359
	Kalugin, O.N. , Kolesnik, Ya.V.	Structural characteristics of the solvation and association of LiClO4 in methanol (2003) <i>Zhurnal Fizicheskoy Khimii</i> , 77 (6), pp. 1142-1145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037830696&partnerID=40&md5=7e2a63345bb87d6790eb65b43dcd4009
	Kalugin, O.N. , Panchenko, V.G.	An interpretation of the concentration dependence of the electric conductance for solutions with a low permittivity (2003) <i>Zhurnal Fizicheskoy Khimii</i> , 77 (8), pp. 1463-1468.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141783562&partnerID=40&md5=8f5ea62887f9cb7d97f3f6890fee05c
	Kalugin, O.N. , Volobuev, M.N., Kolesnik, Ya.V.	Molecular-dynamic modeling of microstructure and dynamics of ionic solvation in dimethylsulfoxide: Influence of ion charge (2002) <i>Khimicheskaya Fizika</i> , 21 (7), pp. 16-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036419313&partnerID=40&md5=6025eb910ab22df8d491bc74114a8880
	Kolesnik, Ya.V., Kalugin, O.N. , Volobuev, M.N.	New algorithm of integrating the equations of movements of rigid multiatom molecules in molecular dynamic method (2001) <i>Khimicheskaya Fizika</i> , 20 (3), pp. 16-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035764341&partnerID=40&md5=d5cdeb7cdf07c8b590dccc02dc5291a23
	Adya, A.K., Kalugin, O.N. , Volobuev, M.N., Kolesnik, Y.V.	Microscopic structure of liquid dimethyl sulphoxide and its electrolyte solutions: Molecular dynamics simulations (2001) <i>Molecular Physics</i> , 99 (10), pp. 835-854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035918614&doi=10.1080%2F00268970010024867&partnerID=40&md5=6acd7f31a62a7221b76ec39dec510e2
	Kalugin, O.N. , Volobuev, M.N., Ishchenko, A.V., Adya, A.K.	Structure and dynamics of Na+ and Cl- solvation shells in liquid DMSO: Molecular dynamics simulations (2001) <i>Journal of Molecular Liquids</i> , 91 (1-3), pp. 135-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035298651&doi=10.1016%2FS0167-7322%2801%2900155-6&partnerID=40&md5=c308a298c11f28f64851e901245f3b8
	Bianchi, L., Kalugin, O.N. , Adya, A.K., Wormald, C.J.	The structure of liquid methanol: A molecular dynamics study using three-site models (2000) <i>Molecular Simulation</i> , 25 (5), pp. 321-338.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000870779&partnerID=40&md5=59cdc768f3c29917ab6a8774e4a0770c

	Adya, A.K., Kalugin, O.N.	Microscopic structure of Cl- coordination shell in NiCl ₂ methanol solution: A neutron diffraction study (2000) Journal of Chemical Physics, 113 (11), pp. 4740-4750.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034270335&doi=10.1063%2F1.1286689&partnerID=40&md5=2559acef0dda813d9090ebf51f78ff60
	Kalugin, O.N. , Volobuev, M.N., Ishchenko, A.V., Adya, A.K.	Structure and dynamics of Na ⁺ and Cl ⁻ solvation shells in liquid DMSO: Molecular dynamics simulations (2000) Journal of Molecular Liquids, 85 (3), pp. 299-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034186940&doi=10.1016%2F0167-7322%2800%2989014-5&partnerID=40&md5=acc0c03d75a829ef18affee7277fb
	Kalugin, O.N. , Adya, A.K.	Microscopic structure of nickel(II) co-ordination shell in NiCl ₂ - methanol solution: Neutron diffraction and ab initio studies (2000) Physical Chemistry Chemical Physics, 2 (1), pp. 11-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033956035&doi=10.1039%2Fa907829k&partnerID=40&md5=cfe1d0b9354a7ef1a649a3a12d587fed
	V'yunnik, I.N., Kalugin, O.N. , Panchenko, V.G.	Physicochemical properties and intermolecular interactions in the butan-1-ol-n-octane binary solvent in the temperature range 298.15-368.15 K (1999) Russian Journal of General Chemistry, 69 (2), pp. 209-213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033243482&partnerID=40&md5=38aebf80c737a283c0582c49c6fd4193
	Blanchi, L., Adya, A.K., Kalugin, O.N. , Wormald, C.J.	The structure of liquid methanol: A molecular dynamics study using a six-site model (1999) Journal of Physics Condensed Matter, 11 (47), pp. 9151-9163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000956562&doi=10.1088%2F0953-8984%2F11%2F47%2F303&partnerID=40&md5=3c9cb4981e3c0bec4ffa89aaff41d429
	Lebed, A.V., Kalugin, O.N. , Vyunnik, I.N.	Properties of 1-1 electrolytes solutions in ethylene glycol at temperatures from 5 to 175°C: Part 1. Conductance measurements and experimental data treatment (1998) Journal of the Chemical Society - Faraday Transactions, 94 (15), pp. 2097-2101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748612161&partnerID=40&md5=7492bdc9f6f5d5013eb323b89782e171
	Kalugin, O.N. , Lebed, A.V., Vyunnik, I.N.	Properties of 1-1 electrolytes solutions in ethylene glycol at temperatures from 5 to 175°C: Part 2. Limiting ion conductances and ion-molecule interactions (1998) Journal of the Chemical Society - Faraday Transactions, 94 (15), pp. 2103-2107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748598688&partnerID=40&md5=bce1397784517bd232e15693bcf8ae9e
	Kalugin, O.N. , Gorobetz, M.A., Jalah, R.M.N., Vjunnik, I.N., Zavgorodnij, Y.N.	Structure and dynamics of ion-molecular interactions in 1-1 electrolyte solutions in dimethylformamide on the temperature range 25-70 °C from viscosity and density data (1997) Zeitschrift fur Physikalische Chemie, 199 (2), pp. 145-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001718829&partnerID=40&md5=34b9af4ff4f8b40901fbd1cfdcb75b6
	Kalugin, O.N. , Panchenko, V.G., V'yunnik, I.N.	Electric Conductivity and Interionic Non-Coulomb Potentials of 1:1 Electrolytes in Acetone: Temperature Effects (1997) Russian Journal of General Chemistry, 67 (9), pp. 1367-1375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031330828&partnerID=40&md5=aa9b4f203a2396736b89631f632c0970
	Kalugin, O.N. , Nerukh, D.A., Eremenko, S.A., Van'kevich, A.V., Nerukh, A.G.	Molecular Dynamics of Acetonitrile in Its Electrolyte Solutions by Raman Spectroscopy (1996) Russian Journal of Inorganic Chemistry, 41 (2), pp. 249-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2742589426&partnerID=40&md5=d4b49f5f06bc3b62742fe7826c13cb8c
	Kalugin, O.N. , Nerukh, D.A., Eremenko, S.A., Van'kevich, A.V., Nerukh, A.G.	Dynamics of acetonitrile molecules in its electrolyte solutions by Raman spectroscopy (1996) Zhurnal Neorganicheskoy Khimii, 41 (2), pp. 261-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009595328&partnerID=40&md5=178db879ad1bd9564ee2bd420478862c
	Kalugin, O.N. , Nerukh, D.A., Vyunnik, I.N., Otlejkina, E.G., Surov, Y.N., Pivnenko, N.S.	IR and NMR studies of hydrogen bonding in hexan-1-ol-tetrabutylammonium iodide solutions in the temperature range 28-145 °C and in tetrachloromethane (1994) Journal of the Chemical Society, Faraday Transactions, 90 (2), pp. 297-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009642690&doi=10.1039%2FTf9949000297&partnerID=40&md5=0f34c1338e43caa8c94b680bb6135347
	Kalugin, O.N. , Isam, N., V'yunnik, I.N.	Interactions between particles in solutions of 1-1 electrolytes in dimethyl sulfoxide over the temperature range 25-145°C. II. Limiting molar ionic conductance and the dynamic structure of the solvent (1993) Journal of Structural Chemistry, 33 (4), pp. 571-578.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250084023&doi=10.1007%2FBF00746936&partnerID=40&md5=b92e5ac309cabd6b9da98ebe0fbfb798
	Kalugin, O.N. , Vyunnik, I.N.	Extreme ionic conductivity and solvent dynamical structure in electrolytic solution (1992) Soviet journal of chemical physics, 10 (5), pp. 1083-1094.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026958508&partnerID=40&md5=3461552dc6f891993a13fdc499a3c8bd
	Kalugin, O.N. , Isam, N., V'yunnik, I.N., Gubskii, S.M.	Interparticle interactions in solutions of uni-univalent electrolytes in dimethyl sulfoxide at 25-145°C I. Nonelectrostatic ion-ion potentials and orientational correlations of dipolar solvent molecules (1992) Journal of Structural Chemistry, 33 (2), pp. 235-241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250080538&doi=10.1007%2FBF00781365&partnerID=40&md5=b518083026c63b9f7411ddabed92a5dd
	Kalugin, O.N. , Gubsky, S.M., Vyunnik, I.N., Grigo, M., Sändig, R.	Temperature dependence of the square-mound potential for 1: 1 electrolytes in acetone, dimethyl sulphoxide and alcohols (1991) Journal of the Chemical Society, Faraday Transactions, 87 (1), pp. 63-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039879554&doi=10.1039%2FTf9918700063&partnerID=40&md5=82cb668e28ce86c10183f16e298ae59a
	Viyunnik, A.N., Gubsky, S.M., Kalugin, O.N. , Panchenko, V.G., Zholnovach, A.M.	Effect of temperature on the association of lithium and sodium perchlorates in acetonitrile (1991) Ukrainskii Khimicheskii Zhurnal, 57 (12), pp. 1259-1263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026406561&partnerID=40&md5=8e1afe5dfcd5d4cdf3efc8739003b7a
	Kalugin, O.N. , V'yunnik, I.N.	Effect of temperature on the dynamics of solvated ions in higher alcohols (1990) Journal of Structural Chemistry, 31 (6), pp. 919-922.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249960720&doi=10.1007%2FBF00752164&partnerID=40&md5=984b3e8b7428a3719596790dfd1cf971
	V'yunnik, I.N., Kalugin, O.N.	Contribution of nonelectrostatic effects to temperature variation of parameters of the association of univalent-univalent electrolytes in higher alcohols (1989) Journal of Structural Chemistry, 30 (4), pp. 687-690.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249975491&doi=10.1007%2FBF00751470&partnerID=40&md5=5d67bae41d16fc4d36d468646b3b0a0f
26	Lisovskiy, V.A. , Artushenko, K.P., Yegorenkov, V.D.	Influence of the inter-electrode gap on the cathode sheath characteristics (voltage drop across it and its thickness) (2017) Physics of Plasmas, 24 (5), art. no. 053501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018339610&doi=10.1063%2F1.4982211&partnerID=40&md5=8a6059d288ed21c9aba99dd4e95f1a7c
	Lisovskiy, V.A. , Krol, H.H., Osmayev, R.O., Yegorenkov, V.D.	Child-Langmuir law for cathode sheath of glow discharge in CO ₂ (2017) Problems of Atomic Science and Technology, 107 (1), pp. 140-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016107509&partnerID=40&md5=6ca27a18d817a744fc53da7c1c614559
	Lisovskiy, V.A. , Artushenko, K.P., Yegorenkov, V.D.	Child-Langmuir law applicability for a cathode sheath description of glow discharge in hydrogen (2016) Physica Scripta, 91 (8), art. no. 085601, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979964914&doi=10.1088%2F0031-8949%2F91%2F8%2F085601&partnerID=40&md5=4c5e7f83e8f29be145944c655538d10
	Lisovskiy, V.A. , Artushenko, K.P., Yegorenkov, V.D.	Normal mode of DC discharge in argon, hydrogen and oxygen (2016) Problems of Atomic Science and Technology, 106 (6), pp. 223-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007621948&partnerID=40&md5=8ae4de0d3f4622c945c7441299485814
	Lisovskiy, V.A. , Ogloblina, P.A., Dudin, S.V., Yegorenkov, V.D., Dakhov, A.N.	Forming a unipolar pulsed discharge in nitrogen (2016) Problems of Atomic Science and Technology, 106 (6), pp. 227-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007521306&partnerID=40&md5=0b8365dd227a0bb7bc33f76e9c4bf52e
	Lisovskiy, V.A. , Artushenko, K.P., Yegorenkov, V.D.	Reduced electric field in the positive column of the glow discharge in argon (2015) Vacuum, 122, art. no. 6795, pp. 75-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941894041&doi=10.1016%2Fj.vacuum.2015.09.009&partnerID=40&md5=030534c9e5fd9e2d5241d05d8e9747b3
	Lisovskiy, V.A. , Derevianko, V.A., Yegorenkov, V.D.	DC breakdown in low-pressure CF ₄ (2015) Journal of Physics D: Applied Physics, 48 (47), art. no. 475201, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947093129&doi=10.1088%2F0022-3727%2F48%2F47%2F475201&partnerID=40&md5=f8578213051a415c51271fa7491f8ff
	Lisovskiy, V.A. , Artushenko, K.P., Yegorenkov, V.D.	Inter-electrode distance effect on dc discharge characteristics in nitrogen (2015) Problems of Atomic Science and Technology, 98 (4), pp. 202-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941115483&partnerID=40&md5=ab52241ab00dfe1746274a4e77747512
	Lisovskiy, V.A. , Artushenko, E.P., Yegorenkov, V.D.	Simple model of reduced electric field in ambipolar regime of dc discharge positive column in hydrogen (2015) Journal of Plasma Physics, 81 (3), art. no. 905810312, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929282750&doi=10.1017%2FIS0002378105000045&partnerID=40&md5=0135165e33f8e2b089d8568f8454e9a5

Lisovskiy, V.A. , Artushenko, E.P., Yegorenkov, V.D.	Calculating reduced electric field in diffusion regime of dc discharge positive column (2015) Problems of Atomic Science and Technology, 95 (1), pp. 205-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923125993&partnerID=40&md5=5f31ca44ae06b33e33169ba0793ee2dc
Lisovskiy, V.A. , Osmayev, R.O., Yegorenkov, V.D.	Does electric field nonuniformity affect gas breakdown? (2015) Problems of Atomic Science and Technology, 98 (4), pp. 211-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941109614&partnerID=40&md5=4fd50f6a900e91947f50185b34711cc7
Lisovskiy, V.A. , Ogloblina, P.A., Yegorenkov, V.D.	Burning modes of dc low pressure discharge with a transverse constriction (2015) Problems of Atomic Science and Technology, 98 (4), pp. 206-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941064463&partnerID=40&md5=79da254cf67a2214360ce557cb043823
Lisovskiy, V., Yegorenkov, V.	In-depth treatment of discharge ignition data during undergraduate laboratory work (2014) European Journal of Physics, 35 (4), art. no. 045021, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903640499&doi=10.1088%2f0143-0807%2f35%2f4%2f045021&partnerID=40&md5=32d616876dda0a4fe6768e6f58a5f419
Lisovskiy, V.A. , Derevyanko, V.A., Yegorenkov, V.D.	The Child-Langmuir collision laws for the cathode sheath of glow discharge in nitrogen (2014) Vacuum, 103, pp. 49-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892156607&doi=10.1016%2fj.vacuum.2013.12.008&partnerID=40&md5=514d756f31be50a8335ed61f28bf52f7
Lisovskiy, V. , Yegorenkov, V., Ogloblina, P., Booth, J.-P., Martins, S., Landry, K., Douai, D., Cassagne, V.	Electron transport parameters in NF3 (2014) Journal of Physics D: Applied Physics, 47 (11), art. no. 115203, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894748436&doi=10.1088%2f0022-3727%2f47%2f11%2f115203&partnerID=40&md5=2e0d425c997dcc4ce79dc75cde0b155
Lisovskiy, V.A. , Artushenko, E.P., Yegorenkov, V.D.	Applicability of Child-Langmuir collision laws for describing a dc cathode sheath in N2O (2014) Journal of Plasma Physics, 80 (3), pp. 319-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899473440&doi=10.1017%2fS0022377813001281&partnerID=40&md5=68b7118c75a663af5babf628e8528b7
Lisovskiy, V.A. , Osmayev, R.O., Yegorenkov, V.D.	Gas breakdown in dc electric field in a discharge tube with flat and conical cathodes (2014) Problems of Atomic Science and Technology, 94 (6), pp. 183-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918523640&partnerID=40&md5=98ead3802183c7ed5894fc5a9120316c
Lisovskiy, V.A. , Artushenko, E.P., Yegorenkov, V.D.	Positive ion motion in cathode sheath of glow discharge in N2O (2013) Problems of Atomic Science and Technology, (4), pp. 140-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881592552&partnerID=40&md5=1c602da549c0631fde87fe31235adbc2
Lisovskiy, V.A. , Bogodielnyi, I.A., Yegorenkov, V.D.	Axial structure of hollow cathode dc glow discharge in different burning modes (2013) Problems of Atomic Science and Technology, (4), pp. 144-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881588722&partnerID=40&md5=71b7a33df1ad9b1255b04836d0321cdf
Lisovskiy, V.A. , Artushenko, E.P., Derevyanko, V.A., Yegorenkov, V.D.	Normal and abnormal regimes of dc discharge burning in N2O (2013) Problems of Atomic Science and Technology, (1), pp. 210-212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876197274&partnerID=40&md5=83cf11db741d4769bd8456aee46fb924
Lisovskiy, V. , Yegorenkov, V., Artushenko, E., Booth, J.-P., Martins, S., Landry, K., Douai, D., Cassagne, V.	Normal regime of the weak-current mode of an rf capacitive discharge (2013) Plasma Sources Science and Technology, 22 (1), art. no. 015018, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874065524&doi=10.1088%2f0963-0252%2f22%2f1%2f015018&partnerID=40&md5=37b3e9a663bafbac0543d3a023fc3d96
Lisovskiy, V.A. , Derevyanko, V.A., Kravchenko, E.A., Yegorenkov, V.D.	Axial structure of DC glow discharge negative glow in nitrogen (2012) Problems of Atomic Science and Technology, (6), pp. 199-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871729302&partnerID=40&md5=267aff6b2455053d8ee1f181ecdff911
Dudin, S.V., Dakhov, A.N., Lisovskiy, V.A. , Pletnikov, V.M.	Dependence of RF breakdown curve on electrode geometry in CCP reactor (2012) Problems of Atomic Science and Technology, (6), pp. 193-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871809765&partnerID=40&md5=2a22a9960667a2eb13f076eb29ef8052
Lisovskiy, V.A. , Koval, V.A., Artushenko, E.P., Yegorenkov, V.D.	Validating the Goldstein-Wehner law for the stratified positive column of dc discharge in an undergraduate laboratory (2012) European Journal of Physics, 33 (6), pp. 1537-1545.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867706442&doi=10.1088%2f0143-0807%2f33%2f6%2f1537&partnerID=40&md5=092c54ac943848c09c6a56430c5c113e
Lisovskiy, V. , Yegorenkov, V.	Ambipolar diffusion in strongly electronegative plasma (2012) EPL, 99 (3), art. no. 35002, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865078057&doi=10.1209%2f0295-5075%2f99%2f35002&partnerID=40&md5=47b6c8352478e0b5ef9cfa7d6418f354
Lisovskiy, V. , Yegorenkov, V., Booth, J.-P., Martins, S., Landry, K., Douai, D., Cassagne, V.	Gas molecule dissociation effect on rf discharge burning in low pressure ammonia (2012) Physics Letters, Section A: General, Atomic and Solid State Physics, 376 (33), pp. 2238-2243.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861823492&doi=10.1016%2fj.physleta.2012.05.040&partnerID=40&md5=1968b1f34f240dc3ca0e807e6497f8e2
Lisovskiy, V.A. , Koval, V.A., Yegorenkov, V.D.	Dc breakdown of low pressure gas in long tubes (2011) Physics Letters, Section A: General, Atomic and Solid State Physics, 375 (19), pp. 1986-1989.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955483376&doi=10.1016%2fj.physleta.2011.03.035&partnerID=40&md5=910a6bd4d866c4ee5652405e8d69cd4d
Lisovskiy, V. , Skubenko, E., Kravchenko, E., Yegorenkov, V.	Anode diameter effect on ignition and burning of DC discharge (2011) Problems of Atomic Science and Technology, (1), pp. 125-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952470134&partnerID=40&md5=1507c2965bf74b9538e2ba0d694d76a0
Lisovskiy, V. , Kravchenko, E., Skubenko, E., Kharchenko, N., Yegorenkov, V.	Obstructed dc glow discharge in low-pressure nitrogen (2010) Problems of Atomic Science and Technology, (6), pp. 156-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650603700&partnerID=40&md5=dd31dbb5e641a72e2f8b25918bdf3b83
Lisovskiy, V.A. , Kharchenko, N.D., Yegorenkov, V.D.	Low-pressure gas breakdown in longitudinal combined electric fields (2010) Journal of Physics D: Applied Physics, 43 (42), art. no. 425202, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249231375&doi=10.1088%2f0022-3727%2f43%2f42%2f425202&partnerID=40&md5=702e860cfb10121b7e16af3fe4de2e1
Lisovskiy, V. , Yegorenkov, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V.	Electron drift velocity in SF6 in strong electric fields determined from rf breakdown curves (2010) Journal of Physics D: Applied Physics, 43 (38), art. no. 385203, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249237536&doi=10.1088%2f0022-3727%2f43%2f38%2f385203&partnerID=40&md5=65f87ba52e653496e679579c5f186532
Lisovskiy, V.A. , Kharchenko, N.D., Yegorenkov, V.D.	Radial structure of low pressure rf capacitive discharges (2010) Vacuum, 84 (6), pp. 782-791.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74649086989&doi=10.1016%2fj.vacuum.2009.10.037&partnerID=40&md5=8fd3201460f0d1323dbaaa9a2ee416b5
Lisovskiy, V. , Yegorenkov, V.	Validating the collision-dominated Child-Langmuir law for a dc discharge cathode sheath in an undergraduate laboratory (2009) European Journal of Physics, 30 (6), pp. 1345-1351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72449141817&doi=10.1088%2f0143-0807%2f30%2f6%2f12&partnerID=40&md5=aed4615852d8bf4b95903f4f46f0561
Lisovskiy, V. , Kharchenko, N., Yegorenkov, V.	Longitudinal combined discharge extinction in low pressure nitrogen (2008) Vacuum, 83 (4), pp. 724-726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52949134096&doi=10.1016%2fj.vacuum.2008.05.012&partnerID=40&md5=8ebcdffc840a3cefa910094e4a6e8e2f
Lisovskiy, V.A. , Kharchenko, N.D., Yegorenkov, V.D.	Modes of longitudinal combined discharge in low pressure nitrogen (2008) Journal of Physics D: Applied Physics, 41 (12), art. no. 125207, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249152215&doi=10.1088%2f0022-3727%2f41%2f12%2f125207&partnerID=40&md5=8afeb4c723c5628a32cd2758dc75832c
Lisovskiy, V. , Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Modes of low-pressure dual-frequency (27/2 MHz) discharges in hydrogen (2008) Plasma Sources Science and Technology, 17 (2), art. no. 025002, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43149117477&doi=10.1088%2f0963-0252%2f17%2f2%2f025002&partnerID=40&md5=9a25009d5b2c0394c2f13dcae6282564
Lisovskiy, V. , Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Similarity law for rf breakdown (2008) EPL, 82 (1), art. no. 15001, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79051471490&doi=10.1209%2f0295-5075%2f82%2f15001&partnerID=40&md5=97ee335623b2beeca958886e30972d1b

Lisovskiy, V., Booth, J.-P., Jolly, J., Martins, S., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Modes of rf capacitive discharge in low-pressure sulfur hexafluoride (2007) Journal of Physics D: Applied Physics, 40 (22), pp. 6989-6999.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36448950898&doi=10.1088%2F0022-3727%2F40%2F22%2F02020&partnerID=40&md5=6a8c742a6144a04eb50335be3653d893
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Applying RF current harmonics for end-point detection during etching multi-layered substrates and cleaning discharge chambers with NF3 discharge (2007) Vacuum, 82 (3), pp. 321-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35448983901&doi=10.1016%2Fj.vacuum.2007.04.035&partnerID=40&md5=4fb5c18a1d538826eb31c90242297b3f
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	RF discharge dissociative mode in NF3 and SiH4 (2007) Journal of Physics D: Applied Physics, 40 (21), pp. 6631-6640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35548992001&doi=10.1088%2F0022-3727%2F40%2F21%2F023&partnerID=40&md5=ff3da06c08bae81ee0264914524ea99a
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Low-pressure gas breakdown in dual-frequency RF electric fields in nitrogen (2007) EPL, 80 (2), art. no. 25001, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79051468945&doi=10.1209%2F0295-5075%2F80%2F25001&partnerID=40&md5=4c5a623b4ed1e3503404f72fd3f52000
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Electron drift velocity in silane in strong electric fields determined from rf breakdown curves (2007) Journal of Physics D: Applied Physics, 40 (11), art. no. 022, pp. 3408-3410.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249291954&doi=10.1088%2F0022-3727%2F40%2F11%2F022&partnerID=40&md5=5bb7e398edc659e4fa13693426082ffd
Lisovskiy, V.A., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.D.	The effect of discharge chamber geometry on the characteristics of low-pressure RF capacitive discharges (2007) IEEE Transactions on Plasma Science, 35 (2 III), pp. 416-424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247395857&doi=10.1109%2FTPS.2007.893261&partnerID=40&md5=c1c8b6e0dae984c1e85f2c67075ea1b9
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Modes and the alpha-gamma transition in rf capacitive discharges in N 2O at different rf frequencies (2006) Physics of Plasmas, 13 (10), art. no. 103505, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750498704&doi=10.1063%2F1.2364135&partnerID=40&md5=502ab7c183d97abaec19f8eca09fa8
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	A technique for evaluating the RF voltage across the electrodes of a capacitively-coupled plasma reactor (2006) EPJ Applied Physics, 36 (2), pp. 177-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751207726&doi=10.1051%2Fepjap%3a2006116&partnerID=40&md5=39d973bc8823e55c93087ebba0b824e
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Electron drift velocity in N2O in strong electric fields determined from rf breakdown curves (2006) Journal of Physics D: Applied Physics, 39 (9), pp. 1866-1871.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646421426&doi=10.1088%2F0022-3727%2F39%2F9%2F022&partnerID=40&md5=540e322efdaa0824873fc1ae0bcd1f45
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Electron drift velocity in argon, nitrogen, hydrogen, oxygen and ammonia in strong electric fields determined from rf breakdown curves (2006) Journal of Physics D: Applied Physics, 39 (4), pp. 660-665.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-32144459839&doi=10.1088%2F0022-3727%2F39%2F4%2F011&partnerID=40&md5=45b2b0d4553cb4cc8e70d9d7b0ff606c
Lisovskiy, V.A., Yegorenkov, V.D.	Double layer onset inside the near-electrode sheath of a RF capacitive discharge in oxygen (2006) Vacuum, 80 (5), pp. 458-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30344466058&doi=10.1016%2Fj.vacuum.2005.07.038&partnerID=40&md5=00ad14ead0a08e3e048a88dc83821680
Lisovskiy, V., Martins, S., Landry, K., Douai, D., Booth, J.-P., Cassagne, V., Yegorenkov, V.	The effect of discharge chamber geometry on the ignition of low-pressure rf capacitive discharges (2005) Physics of Plasmas, 12 (9), art. no. 093505, pp. 1-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27344440958&doi=10.1063%2F1.2033748&partnerID=40&md5=f959da6965785d637e77011ac2c84
Lisovskiy, V., Booth, J.-P., Martins, S., Landry, K., Douai, D., Cassagne, V.	Extinction of RF capacitive low-pressure discharges (2005) Europhysics Letters, 71 (3), pp. 407-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23444455995&doi=10.1209%2Fepi%2F2005-10108-1&partnerID=40&md5=28d0289c29917579a62b5d4d94e96de5
Lisovskiy, V., Martins, S., Landry, K., Douai, D., Booth, J.-P., Cassagne, V.	Electron drift velocity in NH3 in strong electric fields determined from rf breakdown curves (2005) Journal of Physics D: Applied Physics, 38 (6), pp. 872-876.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-15744364675&doi=10.1088%2F0022-3727%2F38%2F6%2F015&partnerID=40&md5=f7947ded189bc80f3c867822ca4355fc
Lisovskiy, V.A., Yegorenkov, V.D.	Alpha-gamma transition in RF capacitive discharge in low-pressure oxygen (2004) Vacuum, 74 (1), pp. 19-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842864883&doi=10.1016%2Fj.vacuum.2003.11.003&partnerID=40&md5=e6a4ad11c98ec17e0beb114699f4db04
Lisovskiy, V.A., Yakovin, S.D.	Experimental study of a low-pressure glow discharge in air in large-diameter discharge tubes: I. Conditions for the normal regime of a glow discharge (2000) Plasma Physics Reports, 26 (12), pp. 1066-1075.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034346118&partnerID=40&md5=ae59057534c5bac100c3909ba7a1ad44
Lisovskiy, V.A., Yakovin, S.D., Yegorenkov, V.D.	Low-pressure gas breakdown in uniform dc electric field (2000) Journal of Physics D: Applied Physics, 33 (21), pp. 2722-2730.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034320038&doi=10.1088%2F0022-3727%2F33%2F21%2F010&partnerID=40&md5=6570e8a7620e4ab7954290470a021f42
Lisovskiy, V.A., Yakovin, S.D.	Cathode layer characteristics of a low-pressure glow discharge in argon and nitrogen (2000) Technical Physics Letters, 26 (10), pp. 891-893.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034342987&partnerID=40&md5=7657f941ba705f3863041e414f702def
Lisovsky, V.A., Yakovin, S.D.	Scaling law for a low-pressure gas breakdown in a homogeneous DC electric field (2000) JETP Letters, 72 (2), pp. 34-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040442546&partnerID=40&md5=48acfc0a82a898f2c95724c3e92ea012
Lisovskiy, V.A., Yakovin, S.D.	A modified paschen law for the initiation of a dc glow discharge in inert gases (2000) Technical Physics, 45 (6), pp. 727-731.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034335445&partnerID=40&md5=2cb4a97fe24990b1859297f09e4e750
Lisovskiy, V.A., Yakovin, S.D.	Anode voltage drops of the DC discharge in air (1999) IEEE International Conference on Plasma Science, p. 176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033353608&partnerID=40&md5=f2634bddbed337751fe5b4d479698d03
Lisovskiy, V.A.	Criterion for microwave breakdown of gases (1999) Technical Physics, 44 (11), pp. 1282-1285.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033248243&partnerID=40&md5=ad5d16dffa4e752fb4e26a21d945f624
Lisovskiy, V.A., Yegorenkov, V.D.	Electron-drift velocity determination in CF4 and SF6 in a strong electric field from breakdown curves of low-pressure RF discharge (1999) Journal of Physics D: Applied Physics, 32 (20), pp. 2645-2648.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343191466&doi=10.1088%2F0022-3727%2F32%2F20%2F010&partnerID=40&md5=10b6fa8e8c58a98e91fed3e8fc792d7a
Lisovskiy, V.A., Yegorenkov, V.D.	Rf breakdown of low-pressure gas and a novel method for determination of electron-drift velocities in gases (1998) Journal of Physics D: Applied Physics, 31 (23), pp. 3349-3357.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032494909&doi=10.1088%2F0022-3727%2F31%2F23%2F008&partnerID=40&md5=305b8693ee6d73d70bd25a922975b23
Lisovskiy, V.A.	Features of the α - γ Transition in a low-pressure rf argon discharge (1998) Technical Physics, 43 (5), pp. 526-534.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842840934&doi=10.1134%2F1.1259033&partnerID=40&md5=1211605917950ec2ec9433ab8f224d1c
Lisovskiy, V.A., Egorenkov, V.D.	Analytical model for the behavior of electric fields in a collisional low-pressure RF discharge (1998) Russian Physics Journal, 41 (12), pp. 1198-1205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54749134668&partnerID=40&md5=424cb82d3043ff0d3803b1344335f2b9
Lisovskiy, V.A.	Determination of electron transport coefficients in argon from ignition curves of rf and combined low-pressure discharges (1998) Technical Physics Letters, 24 (4), pp. 308-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032394654&partnerID=40&md5=44dd4d36464a5d6e73d9fc4b64f43bc0
Lisovskiy, V.A.	Bohm criterion for the collisional plasma (1998) IEEE International Conference on Plasma Science, p. 315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031633091&partnerID=40&md5=d8aeae3317a3f85ccd5c98e592853ee3

	Lisovskiy, V.A.	Gas breakdown criterion in microwave electric fields (1998) IEEE International Conference on Plasma Science, p. 315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031644374&partnerID=40&md5=cf43cab40a7654838f3db6574529582e
	Lisovskiy, V.A., Zyman, A.Z.	Electron swarm parameters in argon - Boltzmann equation analysis (1998) IEEE International Conference on Plasma Science, p. 314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031633460&partnerID=40&md5=98d218232249c395a7dc6a95763dfd9c
	Lisovskiy, V.A., Yegorenkov, V.D.	Electron drift velocity determination in hydrogen (1998) IEEE International Conference on Plasma Science, p. 316.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031620364&partnerID=40&md5=a12a23073c0331d3f05cb7b703b360b7
	Lisovskii, V.A., Kropotov, N.Yu., Farenik, V.I.	Influence of secondary electron emission on the rf breakdown of a gas at low pressure (1996) Technical Physics Letters, 22 (12), pp. 1029-1031.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030353560&partnerID=40&md5=c9de1c2cf9b8dc2906cd98674d4837ff
	Lisovsky, V.A., Yegorenkov, V.D.	Phenomenological RF breakdown curves in the broad pressure range (1994) IEEE International Conference on Plasma Science, p. 125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028731238&partnerID=40&md5=a3e92ae8a4f48b65f55ad1dd4a32ed19
	Lisovsky, V.A., Yegorenkov, V.D.	Steady RF discharge regimes and LF instability (1994) IEEE International Conference on Plasma Science, p. 126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028739244&partnerID=40&md5=d83666c94723cd31a4eb28b7703bee4
	Lisovsky, V.A., Yegorenkov, V.D.	Low-pressure gas breakdown in combined fields (1994) Journal of Physics D: Applied Physics, 27 (11), pp. 2340-2348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028546155&doi=10.1088%2f0022-3727%2f27%2f11%2f014&partnerID=40&md5=e0ecedbf5e1c7c1126809473e494771e
27	Kadets, V., López-Pérez, G., Martín, M.	Some geometric properties of Read's space (2017) Journal of Functional Analysis, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020870587&doi=10.1016%2fj.jfa.2017.06.010&partnerID=40&md5=66902e190ff79432f4daa36a5cba8104
	Avilés, A., Kadets, V. , Pérez, A., Solecki, S.	Baire theorem for ideals of sets (2017) Journal of Mathematical Analysis and Applications, 445 (2), pp. 1221-1231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960172854&doi=10.1016%2fj.jmaa.2016.02.075&partnerID=40&md5=fd6d55c840ec1b1f7b400d876beb286
	Chica, M., Kadets, V. , MartĀ-n, M., MerĀ-, J.	Further Properties of the Bishop-Phelps-BollobĀs Moduli (2016) Mediterranean Journal of Mathematics, 13 (5), pp. 3173-3183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957602791&doi=10.1007%2f00009-016-0678-8&partnerID=40&md5=486802410a2297df04f0d8300c9ec4c
	Cascales, B., Kadets, V. , Orihuela, J., Wingler, E.J.	Plasticity of the unit ball of a strictly convex Banach space (2016) Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matematicas, 110 (2), pp. 723-727.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981275846&doi=10.1007%2f13398-015-0261-3&partnerID=40&md5=2c97a7ca6d243049c8463b91682aff3e
	Bamerni, N., Kadets, V. , Kiliĉman, A.	Hypercyclic operators are subspace hypercyclic (2016) Journal of Mathematical Analysis and Applications, 435 (2), pp. 1812-1815.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960868124&doi=10.1016%2fj.jmaa.2015.11.015&partnerID=40&md5=bc358fde67d2a2cc9fd5453fd4c2d56
	Caponetti, D., di Piazza, L., Kadets, V.	Description of the limit set of Henstock-Kurzweil integral sums of vector-valued functions (2015) Journal of Mathematical Analysis and Applications, 421 (2), pp. 1151-1162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922610146&doi=10.1016%2fj.jmaa.2014.07.050&partnerID=40&md5=f542f3acd5abf961c3e567cdb3c29464
	Kadets, V. , Martin, M., Meri, J., Werner, D.	Lipschitz slices and the daugavet equation for Lipschitz operators (2015) Proceedings of the American Mathematical Society, 143 (12), pp. 5281-5292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944245313&partnerID=40&md5=c8d058e3cb609ccd90a2ae96ad988ff
	Chica, M., Kadets, V. , Martin, M., Meri, J., Soloviova, M.	Two refinements of the Bishop-Phelps-Bollobás modulus (2015) Banach Journal of Mathematical Analysis, 9 (4), pp. 296-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949230423&doi=10.15352%2fbjma%2f09-4-15&partnerID=40&md5=50274083506d0ead46c1ce9b7cac80b5
	Chica, M., Kadets, V. , Martin, M., Moreno-Pulido, S., Rambla-Barreno, F.	Bishop-Phelps-Bollobás moduli of a Banach space (2014) Journal of Mathematical Analysis and Applications, 412 (2), pp. 697-719.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891558843&doi=10.1016%2fj.jmaa.2013.10.083&partnerID=40&md5=67619c37a9be6e4347dcdcdac6f3a53fd
	Cascales, B., Kadets, V. , Rodriguez, J.	Radon-Nikodým theorems for multimeasures in non-separable spaces (2013) Journal of Mathematical Physics, Analysis, Geometry, 9 (1), pp. 7-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883813948&partnerID=40&md5=5ab817ae06407486f5b10ae8f408e1e1
	Cascales, B., Guirao, A.J., Kadets, V.	A Bishop-Phelps-Bollobás type theorem for uniform algebras (2013) Advances in Mathematics, 240, pp. 370-382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876309816&doi=10.1016%2fj.aim.2013.03.005&partnerID=40&md5=5e17311ca8400902c54fe3ec95dbef4
	Kadets, V. , Martin, M., Meri, J., Werner, D.	Lushness, numerical index 1 and the daugavet property in rearrangement invariant spaces (2013) Canadian Journal of Mathematics, 65 (2), pp. 331-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864482575&doi=10.4153%2fCJM-2011-096-2&partnerID=40&md5=43f5c7f9ebce8a8cce063567dea4fcbe
	Kadets, V. , Martin, M.	Extension of isometries between unit spheres of finite-dimensional polyhedral Banach spaces (2012) Journal of Mathematical Analysis and Applications, 396 (2), pp. 441-447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865563505&doi=10.1016%2fj.jmaa.2012.06.031&partnerID=40&md5=e9af9a9bd7f801c9769089cdb4f62c50
	Kadets, L., Kadets, V.	Pointwise absolutely convergent series of operators and related classes of Banach spaces (2012) Central European Journal of Mathematics, 10 (2), pp. 603-608.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856002700&doi=10.2478%2f11533-011-0145-5&partnerID=40&md5=0a84461317291045e13ff3595b29b9bf
	Kadets, V. , Shepelska, V., Werner, D.	Thickness of the unit sphere, ℓ_1 -types, and the almost Daugavet property (2011) Houston Journal of Mathematics, 37 (3), pp. 867-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84055213031&partnerID=40&md5=e40d189fa353122d2802c30140fdbef
	Cascales, B., Kadets, V. , Rodriguez, J.	The Gelfand integral for multi-valued functions (2011) Journal of Convex Analysis, 18 (3), pp. 873-895.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051925622&partnerID=40&md5=47ed8aefeda7e15afb826db2389105a
	Acosta, M.D., Kadets, V.	A characterization of reflexive spaces (2011) Mathematische Annalen, 349 (3), pp. 577-588.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78751591356&doi=10.1007%2f00208-010-0528-0&partnerID=40&md5=6ebaf371b318e4cb5c4fb0ca555156c
	Cheng, L., Kadets, V. , Wang, B., Zhang, W.	A note on ball-covering property of Banach spaces (2010) Journal of Mathematical Analysis and Applications, 371 (1), pp. 249-253.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954141955&doi=10.1016%2fj.jmaa.2010.04.076&partnerID=40&md5=5c6ca1c76b12868f4a87d33ac2d94c52
	Kadets, V. , Leonov, A., Orhan, C.	Weak statistical convergence and weak filter convergence for unbounded sequences (2010) Journal of Mathematical Analysis and Applications, 371 (2), pp. 414-424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955278161&doi=10.1016%2fj.jmaa.2010.05.031&partnerID=40&md5=95ae1ade4f3bb580bf37f077d842b1d8
	Avilés, A., Kadets, V. , Martin, M., Meri, J., Shepelska, V.	Slicely countably determined Banach spaces (2010) Transactions of the American Mathematical Society, 362 (9), pp. 4871-4900.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952037094&partnerID=40&md5=079fb27bdc58f8f01edf5c963e6f33a0
	Cascales, B., Kadets, V. , Rodriguez, J.	Measurability and selections of multi-functions in banach spaces (2010) Journal of Convex Analysis, 17 (1), pp. 229-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949369656&partnerID=40&md5=b29a038f0682ededa21b7a791228c02
	Kadets, V. , Shepelska, V.	Sums of SCD sets and their applications to SCD operators and narrow operators (2010) Central European Journal of Mathematics, 8 (1), pp. 129-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76049111579&doi=10.2478%2f11533-009-0075-7&partnerID=40&md5=1bc5527cab9d7a7806ba825b58bd7e04
	Kadets, V. , Martin, M., Meri, J., Payá, R.	Convexity and smoothness of banach spaces with numerical index one (2009) Illinois Journal of Mathematics, 53 (1), pp. 163-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952052796&partnerID=40&md5=32810ded2f3963156f4ce2c3ef0c677e
	Avilés, A., Kadets, V. , Martin, M., Meri, J., Shepelska, V.	Slicely countably determined Banach spaces (2009) Comptes Rendus Mathematique, 347 (21-22), pp. 1277-1280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71749098266&doi=10.1016%2fj.crma.2009.09.010&partnerID=40&md5=8d0265ab28854fa0af3cf10245784513

Kadets, V., Martin, M., Meri, J., Shepelska, V.	Lushness, numerical index one and duality (2009) Journal of Mathematical Analysis and Applications, 357 (1), pp. 15-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349241943&doi=10.1016%2Fj.jmaa.2009.03.055&partnerID=40&md5=d65da9adb0250c73488033487380daae
Ivakhno, Y., Kadets, V., Werner, D.	Erratum: The daugavet property for spaces of lipschitz functions (Mathematica Scandinavica (2007) 101 (261-279)) (2009) Mathematica Scandinavica, 104 (2), p. 319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68149182455&partnerID=40&md5=a06e186eee81dfb17d4183b7f9b6ec68
Boyko, K., Kadets, V., Martin, M., Meri, J.	Properties of lush spaces and applications to Banach spaces with numerical index 1 (2009) Studia Mathematica, 190 (2), pp. 117-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62149083354&doi=10.4064%2Fsm190-2-2&partnerID=40&md5=48e20a0820d35d8a10d31418622e2df9
Kadets, V., Leonov, A.	Weak and point-wise convergence in $C(K)$ for filter convergence (2009) Journal of Mathematical Analysis and Applications, 350 (2), pp. 455-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56449114595&doi=10.1016%2Fj.jmaa.2008.01.007&partnerID=40&md5=781647e510a8be9173e7f7301a2bc74a
Cascales, B., Kadets, V., Rodriguez, J.	Measurable selectors and set-valued Pettis integral in non-separable Banach spaces (2009) Journal of Functional Analysis, 256 (3), pp. 673-699.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58149147298&doi=10.1016%2Fj.jfa.2008.10.022&partnerID=40&md5=24c823e79aaae8d289d2ec6eba7e9217
Ivakhno, Y., Kadets, V., Werner, D.	The Daugavet property for spaces of Lipschitz functions (2007) Mathematica Scandinavica, 101 (2), pp. 261-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39649124273&partnerID=40&md5=4fe15aaf59bef4e145a8bd893c1036b
Kadets, V., Martin, M., Meri, J.	Norm equalities for operators on banach spaces (2007) Indiana University Mathematics Journal, 56 (5), pp. 2385-2411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39049088432&doi=10.1512%2Fiumj.2007.56.3046&partnerID=40&md5=d64d63a1db04791ff870f4fbc0f2748
Cascales, B., Kadets, V., Rodriguez, J.	The Pettis integral for multi-valued functions via single-valued ones (2007) Journal of Mathematical Analysis and Applications, 332 (1), pp. 1-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147176571&doi=10.1016%2Fj.jmaa.2006.10.003&partnerID=40&md5=e6b2153c96509cdc441e2d3d94845cef
Boyko, K., Kadets, V., Martin, M., Werner, D.	Numerical index of Banach spaces and duality (2007) Mathematical Proceedings of the Cambridge Philosophical Society, 142 (1), pp. 93-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846965954&doi=10.1017%2FS0305004106009650&partnerID=40&md5=21f754fa085bf94f32b5c4e9de80a46
Kadets, V.	Coverings by convex bodies and inscribed balls (2005) Proceedings of the American Mathematical Society, 133 (5), pp. 1491-1495.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144422439&doi=10.1090%2FS0002-9939-04-07650-6&partnerID=40&md5=3097bdee6e846ec8f23dd1759e9da9d
Kadets, V., Kalton, N., Werner, D.	Unconditionally convergent series of operators and narrow operators on L_1 (2005) Bulletin of the London Mathematical Society, 37 (2), pp. 265-274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644631084&doi=10.1112%2FS0024609304003881&partnerID=40&md5=0b20ee8c4d98341dd3d96ffb1145d83d
Bilik, D., Kadets, V., Shvidkoy, R., Werner, D.	Narrow operators and the Daugavet property for ultraproducts (2005) Positivity, 9 (1), pp. 45-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17744386181&doi=10.1007%2Fs1117-003-9339-9&partnerID=40&md5=bac7201e34255476250f034eb04364a0
Kadets, V., Werner, D.	A Banach space with the Schur and the Daugavet property (2004) Proceedings of the American Mathematical Society, 132 (6), pp. 1765-1773.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442668900&doi=10.1090%2FS0002-9939-03-07278-2&partnerID=40&md5=28b4cb882ec5be5721dd2f35d5eeF29d
Kadets, V., Kalton, N., Werner, D.	Remarks on rich subspaces of Banach spaces (2003) Studia Mathematica, 159 (2), pp. 195-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346343401&partnerID=40&md5=f08111b91f3a2b1affa108a95bc041a0
Bilik, D., Kadets, V., Shvidkoy, R., Sirotkin, G., Werner, D.	Narrow operators on vector-valued sup-normed spaces (2002) Illinois Journal of Mathematics, 46 (2), pp. 421-441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036628215&partnerID=40&md5=86d053225485b40ccbc879096dba97c
Behrends, E., Kadets, V.M.	Metric spaces with the small ball property (2001) Studia Mathematica, 148 (3), pp. 275-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035661899&partnerID=40&md5=24825d14375b10868bf5d6c9682e1f2d
Kadets, V.M., Shvidkoy, R.V., Werner, D.	Narrow operators and rich subspaces of Banach spaces with the Daugavet property (2001) Studia Mathematica, 147 (3), pp. 269-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040435199&partnerID=40&md5=e5c9d0a63cd85d3bc6129a7f3c71909a
Kadets, V.M., Shvidkoy, R.V., Sirotkin, G.G., Werner, D.	Banach spaces with the Daugavet property (2000) Transactions of the American Mathematical Society, 352 (2), pp. 855-873.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22844454407&partnerID=40&md5=0d5a3b80875ac5170e92aba7918c7b7
Connor, J., Ganichev, M., Kadets, V.	A Characterization of Banach Spaces with Separable Duals via Weak Statistical Convergence (2000) Journal of Mathematical Analysis and Applications, 244 (1), pp. 251-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034165355&partnerID=40&md5=9677b7e2d9be6412f21f3e45394fed43
Kadets, V., Zheltukhin, K.	Some remarks on vector measures duality (2000) Quaestiones Mathematicae, 23 (1), pp. 77-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942600398&doi=10.2989%2F16073600009485959&partnerID=40&md5=d3b88e3083f0bb752d1d288ef93115ff
Kadets, V.M.	Toward a theorem on finding ω -linearly independent sequences (1997) Journal of Mathematical Sciences, 85 (5), pp. 2201-2202.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53249127376&partnerID=40&md5=131367a0a14b5cb6b5a811ef71a481d
Kadets, V.M., Shvidkoy, R.V., Sirotkin, G.G., Werner, D.	Banach spaces with the Daugavet property [Espaces de Banach ayant la propriété de Daugavet] (1997) Comptes Rendus de l'Academie des Sciences - Series I: Mathematics, 325 (12), pp. 1291-1294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031521301&partnerID=40&md5=77c28c596d8bf9dcd9c3223c4e38c765
Kadets, V.M.	A generalization of a Daugavet theorem with applications to the space C geometry (1997) Functional Analysis and its Applications, 31 (3), pp. 207-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544446262&partnerID=40&md5=ecce8911576b75df817886f64b47e97d8
Chervoneva, I., Kadets, V., Yampolsky, M.	On the upper majorant property (1997) Quaestiones Mathematicae, 20 (1), pp. 29-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008829517&doi=10.1080%2F16073606.1997.9631852&partnerID=40&md5=3408841de7bc5444c5c7a431d1d03a99
Kadets, V.M.	Some remarks concerning the daugavet equation (1996) Quaestiones Mathematicae, 19 (1-2), pp. 225-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010540362&doi=10.1080%2F16073606.1996.9631836&partnerID=40&md5=f1c8581ac2f138f544ef8e1f0485502c
Kadets, V.M.	Non-Differentiable indefinite pettis integrals (1994) Quaestiones Mathematicae, 17 (2), pp. 137-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897842413&doi=10.1080%2F16073606.1994.9631753&partnerID=40&md5=72ca6d2fe058ce9dad1416153f6433aa
Kadets, V.M.	On the riemann integrability of weakly continuous functions (1994) Quaestiones Mathematicae, 17 (1), pp. 33-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952820946&doi=10.1080%2F16073606.1999.9632215&partnerID=40&md5=31315b999da77566fd09f8b37f366a84
Kadets, V.M., Popov, M.M.	On the Lyapunov convexity theorem with appications to sign-embeddings (1992) Ukrainian Mathematical Journal, 44 (9), pp. 1091-1098.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250078077&doi=10.1007%2FBF01058369&partnerID=40&md5=68c1fdea664d1ef7dac5295c52185ee1
Kadets, V.M., Kaibkhanov, K.E.	On the structure of the set of admissible perturbations (1992) Journal of Soviet Mathematics, 58 (6), pp. 548-553.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249838685&doi=10.1007%2FBF01109696&partnerID=40&md5=09d5099f2f32398edad9b92b4bf16925
Kadets, V.M.	How many points can have the domain of sums of a series in a Banach space? (1992) Journal of Soviet Mathematics, 58 (4), pp. 331-332.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249831077&doi=10.1007%2FBF01097284&partnerID=40&md5=f22345c0452c14d0a38c23a21d818bdc
Kadets, V.M.	Remark on the Lyapunov theorem on vector measures (1991) Functional Analysis and Its Applications, 25 (4), pp. 295-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009865293&doi=10.1007%2FBF01080087&partnerID=40&md5=c37a79dec0d4a0d91a889a5b4f3f01a0

	Kadets, V.M.	A remark on the trigonometric basis (1991) Mathematical Notes of the Academy of Sciences of the USSR, 50 (3), pp. 919-921.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249843157&doi=10.1007%2fBF01156134&partnerID=40&md5=583c6a0ab47a9d77343c69d0d68b6c6
	Kadets, V.M.	Direct sum of normed spaces (1991) Siberian Mathematical Journal, 32 (1), pp. 151-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249925990&doi=10.1007%2fBF00970176&partnerID=40&md5=cec1b12e78ed0410e6b9ed36453f8d63
	Kadets, V.M.	Weak and strong ranges of sums of a series in a Banach space (1990) Mathematical Notes of the Academy of Sciences of the USSR, 48 (2), pp. 743-748.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249963878&doi=10.1007%2fBF01262605&partnerID=40&md5=f721720cf7c73a9b7f47ab7bf9711e9a
	Kadets, V.M.	Bases with individual brackets and bases with individual rearrangements (1990) Journal of Soviet Mathematics, 49 (4), pp. 1064-1069.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249961202&doi=10.1007%2fBF02216097&partnerID=40&md5=b9f3d2924528ac71e1aeb787cf568048
	Kadets, V.M.	Sum regions of weakly convergent series (1989) Functional Analysis and Its Applications, 23 (2), pp. 133-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249964907&doi=10.1007%2fBF01078784&partnerID=40&md5=5662c8d5770b7c852fc6c8d6676a9197
	Domanskii, E.N., Kadets, V.M.	Basis regularizability of inverse operators (1988) Siberian Mathematical Journal, 29 (5), pp. 771-774.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249968884&doi=10.1007%2fBF00970271&partnerID=40&md5=ebefdc325b9b94b077863c9c694bf65
	Kadets, V.M., Kadets, M.I., Fonf, V.P.	Resolving and strictly resolving regularizers (1988) Siberian Mathematical Journal, 29 (3), pp. 380-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249970855&doi=10.1007%2fBF00969646&partnerID=40&md5=f98b9adae658a037e9c75649eb8fc95c
	Kadets, V.M.	Characterization of reflexive banach spaces in terms of strongly exposed points of unbounded sets (1987) Russian Mathematical Surveys, 42 (3), pp. 219-220.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956135652&doi=10.1070%2fRM1987v042n03ABEH001427&partnerID=40&md5=34a087e093ff42b56741200793b87c7a
	Kadets, V.M., Popov, M.M.	Schauder bases which are conditional in each hyperoctant (1987) Siberian Mathematical Journal, 28 (1), pp. 86-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250094218&doi=10.1007%2fBF00970213&partnerID=40&md5=e303f478482eb7f9d3546194df97d7e
	Kadets, V.M.	A Problem of S. Banach (Problem 106 from the "Scottish Book" (1986) Functional Analysis and Its Applications, 20 (4), pp. 317-319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040320559&doi=10.1007%2fBF01083501&partnerID=40&md5=64fb928b3d7e3ed56eeb59eaa665b0
	Kadets, V.M.	A remark on two cones (1985) Mathematical Notes of the Academy of Sciences of the USSR, 38 (5), pp. 874-875.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250130553&doi=10.1007%2fBF01157530&partnerID=40&md5=59a3dd09bfi19275c062254f2ed40ec0
	Kadets, V.M.	An estimate for the type of a complexly uniformly convex Banach space (1985) Mathematical Notes of the Academy of Sciences of the USSR, 38 (2), pp. 636-638.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250125399&doi=10.1007%2fBF01156243&partnerID=40&md5=981ee2a2bc38bd3513649895f804de5
	Kadets, V.M., Kadets, M.I.	A normability condition for Frechet spaces (1985) Mathematical Notes of the Academy of Sciences of the USSR, 38 (1), pp. 592-595.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250131210&doi=10.1007%2fBF01137474&partnerID=40&md5=3b5209f5e52882377c387f00d6874627
	Kadets, V.M., Kadets, M.I.	Conditions for the convexity of the limit set of Riemann sums of a vector-valued function (1984) Mathematical Notes of the Academy of Sciences of the USSR, 35 (2), pp. 85-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250142319&doi=10.1007%2fBF01139857&partnerID=40&md5=651a1fe1d4e69663ee028975b0147ec6
28	Shifrin, Y., Kolchigin, N.	Chairmen's welcome (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724138, p. 4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000733390&doi=10.1109%2fUWBUSIS.2016.7724138&partnerID=40&md5=239dde072377fe99aebc87877cba803
	Kuznetsov, K.A., Shckorbatov, Y.G., Kolchigin, N.N., Nikolov, O.T.	Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724179, pp. 167-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000538758&doi=10.1109%2fUWBUSIS.2016.7724179&partnerID=40&md5=28d62456163147f48e66f4667512c200
	Bykov, V., Bykov, S., Kolchigin, N., Berezhnaya, T., Osinovy, G.	Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724176, pp. 156-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000366179&doi=10.1109%2fUWBUSIS.2016.7724176&partnerID=40&md5=489f34e7a802998c467bf2451bf4ff96
	Kuznetsov, K.A., Miroshnik, D.B., Shckorbatov, Y.G., Nikolov, O.T., Kolchigin, N.N.	Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538012, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984634&doi=10.1109%2fMSMW.2016.7538012&partnerID=40&md5=511f763b132dfbe29cac1ef28a930e20
	Bykov, V.N., Bykov, S.N., Grichanyuk, A.M., Kolchigin, N.N., Krayushkin, V.A., Osinovy, G.G., Radzikovsky, V.N., Berezhnaya, T.D.	The matrix radiometric system for the imaging of ground objects in the millimeter band (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538063, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988026267&doi=10.1109%2fMSMW.2016.7538063&partnerID=40&md5=787e60869dd1a9b827ab5478fad5bfa5
	Antyufeyeva, M.S., Butrym, A.Y., Kolchigin, N.N., Legenkiy, M.N., Maslovskiy, A.A., Osinovy, G.G.	Specific RCS for describing the scattering characteristic of complex shape objects (2016) Progress In Electromagnetics Research M, 52, pp. 191-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010399555&doi=10.2528%2fPIERM16042907&partnerID=40&md5=9fc56d51071e042001b995c72dde84d6
	Chernov, A.I., Dumin, O.M., Miroshnik, D.B., Shckorbatov, Y.G., Katrich, V.A., Kolchigin, N.N.	Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324286, pp. 162-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959188598&doi=10.1109%2fDIPED.2015.7324286&partnerID=40&md5=6dd652b7bc225f2732e859cdc292803
	Bykov, V.N., Ivanchenko, D.D., Kolchigin, N.N., Radzikovsky, V.N., Berezhnaya, T.D.	Multibeam antenna for the matrix radiometric imaging systems (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136840, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939441220&doi=10.1109%2fICATT.2015.7136840&partnerID=40&md5=c123081d01d9681057a02eac44cb852
	Shckorbatov, Y.G., Pasiuga, O.S., Kovalenko, I.F., Ryabukha, S.S., Kolchigin, N.N.	Effect of microwave irradiation of low intensity and magnetic fields on the Ca2+ contents in pea root cells (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652679, pp. 1101-1102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891097392&partnerID=40&md5=7ce8bab79e4a0e9e6408ce3e465ad16b
	Bykov, V.N., Ivanchenko, D.D., Kolchigin, N.N., Berezhnaya, T.D.	Multibeam antenna for the matrix of radiometric imaging system to imager operating (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650804, pp. 438-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898657148&doi=10.1109%2fICATT.2013.6650804&partnerID=40&md5=c6c374bdf3546f0e351c2c3ca9524b2f
	Kolchigin, N.N., Kazansky, O.V., Shi, H., Yu, Z., Ivanchenko, D.D.	Plane circular array with steering time delay of pulse excitation (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650766, pp. 326-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898605770&doi=10.1109%2fICATT.2013.6650766&partnerID=40&md5=ef727a4a0a0356f3677deaa2ec18f14
	Shifrin, Y., Kolchigin, N.	Chairmen's welcome (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379714, p. 4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872238096&doi=10.1109%2fUWBUSIS.2012.6379714&partnerID=40&md5=777bcb8a6a5b766d86c21af72be321a
	Ivanchenko, D.D., Kazansky, O.V., Kolchigin, N.N.	About influence of mutual coupling on pattern and wave form of pulse reradiated by Van Atta's array of tapered slot antennas (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379739, pp. 81-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872230082&doi=10.1109%2fUWBUSIS.2012.6379739&partnerID=40&md5=23af3c4bd103408c537f7d5fb26428e6
	Shckorbatov, Y.G., Kolchigin, N.N., Kazansky, O.V., Pasiuga, V.N.	Effects of ultra-wideband radiation on viability of human cells (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379758, pp. 137-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872234618&doi=10.1109%2fUWBUSIS.2012.6379758&partnerID=40&md5=df49ad98b00c9389e82a21c88dc2d478

	Antyufeyev, V.I., Bykov, V.N., Ivanchenko, D.D., Kolchigin, N.N. , Berezhnaya, T.D.	The accuracy in potential of establishing the position of ground based objects by the matrix radiometer systems of remote sensing (2012) 21st 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379746, pp. 102-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872239561&doi=10.1109%2FUBUSIS.2012.6379746&partnerID=40&md5=b9b3a5b476151c841d22587ce4b642cf
	Dumin, O.M., Dumina, O.O., Kolchigin, N.N. , Ivanchenko, D.D., Shkorkbatov, Y.G., Pasiuga, V.N.	Simulation of microwave exposure of human cells by electromagnetic field of EMF band (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170768, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859949714&doi=10.1109%2FICATT.2011.6170768&partnerID=40&md5=37f4e3ac7e953dc80d5960e3a6430b3f
	Antyufeyev, V.I., Bykov, V.N., Ivanchenko, D.D., Kolchigin, N.N. , Berezhnaya, T.D.	Estimation of influence of antenna radome noise temperatures on images formed by matrix radiometric systems (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068859, pp. 1130-1131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455132654&partnerID=40&md5=0fb206f4fe79563955c8a2a72824aa19
	Kolchigin, N.N.	Report on 2010 UWBUSIS: 5th International Conference on Ultra-Wideband and Ultra-Short Impulse Signals (2011) IEEE Antennas and Propagation Magazine, 53 (5), art. no. 6138467, pp. 192-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856478843&doi=10.1109%2FMAP.2011.6138467&partnerID=40&md5=fd5d876b977aad97dfaf9726eda48c3e
	Shkorkbatov, Y., Pasiuga, V., Kolchigin, N. , Grabina, V., Ivanchenko, D., Bykov, V., Dumin, O.	Cell nucleus and membrane recovery after exposure to microwaves [Šūnu kodolu un membrānu atjaunošanās pēc apstrādes ar mikroviļņiem] (2011) Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 65 (1-2), pp. 13-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054761374&doi=10.2478%2fv10046-011-0013-5&partnerID=40&md5=27b8745889f3c98fc32d459e00bec444
	Shkorkbatov, Yu.G., Pasiuga, V.N., Grabina, V.A., Artemenchuk, O.V., Kolchigin, N.N. , Bykov, V.N., Ivanchenko, D.D.	Changes in human cell membrane permeability after irradiation by microwaves with different elliptical polarization (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632943, pp. 1138-1139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650349741&partnerID=40&md5=a03661a26eb11a24bf594a4fe42bfb16
	Shifrin, Y.S., Kolchigin, N.N.	2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010: Chairmen's welcome (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609081, p. 4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650087439&doi=10.1109%2FUBUSIS.2010.5609081&partnerID=40&md5=c772477db74e970089dad7b0d9e30fc
	Shkorkbatov, Y.G., Kolchigin, N.N. , Grabina, V.A., Pasiuga, V.N.	Cellular effects of ultrawideband ultrashort pulsed radiation and microwave radiation exposure (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609084, pp. 34-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650077272&doi=10.1109%2FUBUSIS.2010.5609084&partnerID=40&md5=b8eb9c9a09f92fd7d7c1534518b00a6
	Shkorkbatov, Y.G., Kolchigin, N.N. , Pasiuga, V.N., Kazansky, O.V.	Biological effects of ultrawideband radiation (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609143, pp. 192-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650097772&doi=10.1109%2FUBUSIS.2010.5609143&partnerID=40&md5=995c4480034814173cbe302e842352c2
	Kolchigin, N.N. , Kazansky, O.V., Ivanchenko, D.D., Liang, J.F., He, S., Zheng, Y.	Complex pulse radiation of circular TSA array with steering polarities of element excitation (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609127, pp. 236-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650089707&doi=10.1109%2FUBUSIS.2010.5609127&partnerID=40&md5=b6a8d92d93929335bb7c1fb0eca46410
	Shkorkbatov, Y.G., Pasiuga, V.N., Goncharuk, E.I., Petrenko, T.P., Grabina, V.A., Kolchigin, N.N. , Ivanchenko, D.D., Bykov, V.N., Dumin, O.M.	Effects of differently polarized microwave radiation on the microscopic structure of the nuclei in human fibroblasts (2010) Journal of Zhejiang University: Science B, 11 (10), pp. 801-805.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958018022&doi=10.1631%2Fzjzus.1000051&partnerID=40&md5=9c57142406aa14613067851dc3ebf0ef
	Shkorkbatov, Y., Rudneva, I., Pasiuga, V., Grabina, V., Kolchigin, N. , Ivanchenko, D., Kazanskiy, O., Shayda, V., Dumin, O.	Electromagnetic field effects on Artemia hatching and chromatin state (2010) Central European Journal of Biology, 5 (6), pp. 785-790.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957220065&doi=10.2478%2fs11535-010-0063-8&partnerID=40&md5=5845d886dbc910402a9bf882e9c7da2a
	Shkorkbatov, Y.G., Rudneva, I.I., Pasiuga, V.N., Kolchigin, N.N. , Grabina, V.A., Ivanchenko, D.D., Kazanskiy, O.V., Shaida, V.G.	Hatching of eggs of artemia and change of chromatin state under the influence of electromagnetic fields (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5292860, pp. 871-872.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949158709&partnerID=40&md5=e604f8b069f2201a7317c1f660ddcc04
	Kolchigin, N.N.	The fourth international conference on ultra-wideband and ultra-short impulse signals (2009) IEEE Antennas and Propagation Magazine, 51 (5), art. no. 5432090, pp. 186-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949902987&doi=10.1109%2FMAP.2009.5432090&partnerID=40&md5=1290f392c75f9ed8abb547d6b70dc1af
	Shkorkbatov, Y.G., Pasiuga, V.N., Kolchigin, N.N. , Grabina, V.A., Batrakov, D.O., Kalashnikov, V.V., Ivanchenko, D.D., Bykov, V.N.	The influence of differently polarised microwave radiation on chromatin in human cells (2009) International Journal of Radiation Biology, 85 (4), pp. 322-329.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649206096&doi=10.1080%2F09553000902781113&partnerID=40&md5=50dd8a7a91141e92e69a75abe044c441
	Shkorkbatov, Y., Pasiuga, V., Kolchigin, N. , Batrakov, D., Kazansky, O., Kalashnikov, V.	Changes in the human nuclear chromatin induced by ultra wideband pulse irradiation (2009) Central European Journal of Biology, 4 (1), pp. 97-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59349089690&doi=10.2478%2fs11535-008-0051-4&partnerID=40&md5=55437742d219c144e1d40c63164597a4
	Shkorkbatov, Y.G., Kolchigin, N.N. , Pasiuga, V.N., Kazansky, O.V.	Cell recovery from ultrawideband pulse irradiation (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669373, pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649221590&doi=10.1109%2FUBUSIS.2008.4669373&partnerID=40&md5=411d5ff31830672ff0b1461a7e410217
	Kazansky, O.V., Kolchigin, N.N. , Kutzenko, A.S.	Pulse radiolocalization by means of two-dimensional antenna arrays (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669400, pp. 177-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649187113&doi=10.1109%2FUBUSIS.2008.4669400&partnerID=40&md5=15b288f7cb83bb6e66aaf3894a41272
	Shifrin, Y.S., Kolchigin, N.N.	Welcome to ICATT 2007 (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425106, p. 5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849132988&doi=10.1109%2FICATT.2007.4425106&partnerID=40&md5=07fd53ed85b00b809f93d8d806fe4bc5
	Vyplavin, P.I., Lukin, K.A., Kolchigin, N.N.	Imaging with a noise SAR in the near-field zone of the source (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (17), pp. 1521-1531.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149019133&doi=10.1615%2FtelecomRadEng.v66.i17.10&partnerID=40&md5=37c18fb0c2cbc19f400264ac8a73d13e
	Shkorkbatov, Y., Pasiuga, V., Shakina, L., Grabina, V., Kolchigin, N. , Ivanchenko, D., Kazansky, O., Bykov, V.	Drosophila melanogaster viability and mutability under the influence of low energy microwave monochromatic and ultra wideband impulse field (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425188, pp. 289-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849127731&doi=10.1109%2FICATT.2007.4425188&partnerID=40&md5=26dc8d67ed48fe2f9a61ed6db519aac5f
	Shifrin, Y., Kolchigin, N.	Chairmen's welcome (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099206, p. 4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249113436&doi=10.1109%2FUBUSIS.2006.3071488&partnerID=40&md5=ea93706d5fc4d3723670a161b1259fc5
	Kazansky, O.V., Meshkov, K.S., Pivnenko, S.N., Kolchigin, N.N.	Influence of mutual coupling on spatial-time characteristics of antenna array excited by short pulse signal (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099273, pp. 239-241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249125494&doi=10.1109%2FUBUSIS.2006.307215&partnerID=40&md5=62379711959709dc1e20af827f20c0d3
	Lukin, K., Vyplavin, P., Kolchigin, N.	Noise waveform SAR imaging in antenna near zone (2006) 2nd Microwave and Radar Week in Poland - International Radar Symposium, IRS 2006, Proceedings, art. no. 4338059, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249114698&doi=10.1109%2FIRS.2006.4338059&partnerID=40&md5=3aec438a4cb3ab0f9f4477c9b54f146
	Shkorkbatov, Y.G., Kolchigin, N.N. , Grabina, V.A., Pasiuga, V.N., Kazansky, O.V.	Cell effects of electromagnetic radiation (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099227, pp. 103-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249116915&doi=10.1109%2FUBUSIS.2006.307169&partnerID=40&md5=9cec248cf4b1ceb59336f5d4346bf4fc5
	Batrakov, D.O., Shkorkbatov, Y.G., Pasiuga, V.N., Kazansky, O.V., Kolchigin, N.N.	The effects of short exposition to low-energy impulse irradiation on human cells (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099243, pp. 151-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249093583&doi=10.1109%2FUBUSIS.2006.307185&partnerID=40&md5=569856e9c0739ed60485433659dae48
	Butrym, A., Pivnenko, S., Kolchigin, N.	Processing band-limited antenna measurements to reconstruct antenna impulse response on example of resistively loaded Vivaldi antenna (2006) European Space Agency, (Special Publication) ESA SP, 626 SP, 5 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847413291&partnerID=40&md5=17eb86c5dc2a8998e64d145f53ffa237

	Kolchigin, N.N., Kulikovskij, Ed.J., Ivanchenko, D.D., Bibikov, S.B.	Radioabsorbing and diffusing materials and theirs application (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496888, pp. 80-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745479147&doi=10.1109%2FICATT.2005.1496888&partnerID=40&md5=7ce7e57728a6eca2c25b77e6f819ef20
	Butrym, A.Yu., Kazanskiy, O.V., Kolchigin, N.N.	Van Atta's array consist of tapered slot antennas for wideband pulse signals (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496931, pp. 221-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745440483&doi=10.1109%2FICATT.2005.1496931&partnerID=40&md5=4df1a4604389016d39a85da888245ef1
	Immoreev, I.J., Kolchigin, N.N.	Second international workshop on ultrawideband and ultrashort impulse signals (UWBUSIS'04) (2005) IEEE Aerospace and Electronic Systems Magazine, 20 (4), pp. 38-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444398638&doi=10.1109%2FMAES.2005.1423390&partnerID=40&md5=2f1bf75f313df5671c46ad6e5724d340
	Kolchigin, N., Shifrin, Y.	Report on Ultra-Wideband and Ultra-Short Impulse Signals Workshop 2004 (2005) IEEE Antennas and Propagation Magazine, 47 (1), pp. 193-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008047727&doi=10.1109%2FMAP.2005.1436275&partnerID=40&md5=fe37ced9b244599009c74312fbba4fd
	Shifrin, Y., Kolchigin, N.	Chairmen's welcome (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, p. 4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644362112&partnerID=40&md5=782bce28f997c4488c19cb80964fa5c7
	Butrym, A.Yu., Kazansky, O.V., Litvinov, D.D., Kolchigin, N.N.	The time delay effect on the pulse radiation of a tapered slot antenna array (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 268-270.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644394349&partnerID=40&md5=e520a2df8a9f954bfdf47f7376e891ad
	Glebov, V.V., Ivanchenko, D.D., Kazansky, O.V., Kolchigin, N.N., Litvinov, D.D., Tkalic, N.V., Vashchenko, V.F.	Absorbing and scattering of a short pulses radiation by the radioabsorbing materials (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 141-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644398145&partnerID=40&md5=fbdcee4725b31be71494a8d11ba1881d
	Ivanchenko, D.D., Kolchigin, N.N., Prosvirnin, S.L., Tyrnov, D.O.	Experimental investigation into the frequency dependence of the transmission factor module of a double-periodic array consisting of C-shaped stripline elements (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 59 (10-12), pp. 43-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949952963&doi=10.1615%2FTelecomRadEng.v59.i1012.60&partnerID=40&md5=ecc2549aa4d7105a3853eb9a06bd795a
	Butrym, A.Yu., Kazansky, O.V., Kolchigin, N.N., Pivnenko, S.N.	Radiation of short pulse signals from arrays of tapered slot antennas (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238815, pp. 601-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946108756&doi=10.1109%2FICATT.2003.1238815&partnerID=40&md5=c908d061244c682eb8ea589b6bcae3aa
	Tkalic, N.V., Mokeev, Yu.G., Onipko, A.F., Vashchenko, V.F., Topchev, M.D., Glebov, V.V., Ivanchenko, D.D., Kolchigin, N.N., Yevdokimov, V.V.	Absorbing-and-diffusing coating (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238834, pp. 677-678.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644385363&doi=10.1109%2FICATT.2003.1238834&partnerID=40&md5=93698e2980c9ca68baccde7424f0f4aa
	Bykov, V.N., Vasilchenko, I.I., Glebov, V.V., Kolchigin, N.N., Ivanchenko, D.D., Kurov, N.K., Litvinov, D.D., Tkalic, N.V., Shilo, S.A.	Hand-held reflectometers and radiometers and their application (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238841, pp. 701-702.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946132705&doi=10.1109%2FICATT.2003.1238841&partnerID=40&md5=27e5027f0e88743da16843fdacae2f2d
	Butrym, A.Yu., Kazansky, O.V., Katrich, V.A., Kolchigin, N.N.	Pulse radiation of tapered slot antenna array (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137245, pp. 303-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968773507&doi=10.1109%2FCRMICO.2002.1137245&partnerID=40&md5=ad4b0765812ed7960dd11b7909affe56
	Butrym, A.Yu., Kolchigin, N.N., Pivnenko, S.N.	Control of the aperture pulse radiation direction with the help of non-synchronous excitation (2001) Radiotekhnika, (6), pp. 29-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035773041&partnerID=40&md5=cb2cddd8b5e6920e1cdc0a308131088d
	Yegorova, N.P., Kolchigin, N.N.	The effect of an underlying surface on propagation of wave beams of various spatial structure (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (2), pp. 7-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044432367&partnerID=40&md5=7c3ad4fdae5a4377cf2a4cf2064a3741
	Kolchigin, N.N., Pivnenko, S.N.	Numerical modeling of measurements of dielectric material characteristics using non-sinusoidal signals (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 346-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032231033&partnerID=40&md5=75ef92e352f897a26b2d301e53544c0a
	Kolchigin, N.N., Vasilchenko, N.I.	Experimental method of sectioning for determining the radar cross-section of complex objects (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 40-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844604257&partnerID=40&md5=8d4189bca757d90e251a3db524f1ed4d
	Kolchigin, N.N., Pivnenko, S.N., Lomakin, V.M.	Influence of losses in a dielectric half-space on the characteristics of a reflected three-dimensional pulsed beam (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (8), pp. 8-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844440833&partnerID=40&md5=066a5afd5aa8e52e0246c6537a14a3a3
	Bondarenko, O.V., Kazanskii, V.B., Kolchigin, N.N.	Design of radioabsorbing materials of diffraction and interference types (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (2), pp. 13-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032274635&partnerID=40&md5=fcc59d8027eac18a939bb532e70898f7
	Kolchigin, N.N., Lomakin, V.M., Pivnenko, S.N.	Distinctive features of a pulsed beam scattering on a plane surface (two-dimensional case) (1997) International Journal of Infrared and Millimeter Waves, 18 (10), pp. 2019-2030.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031251672&partnerID=40&md5=96560be9c0d2f69f40a1975d6f69fb1
	Kolchigin, N.N., Lomakin, V.M., Pivnenko, S.N.	Remote sensing of a flat surface by an electromagnetic pulsed beam (1997) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 4, pp. 2609-2612.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030683030&partnerID=40&md5=3a2a9f9da3a92a512816b19b59b2d393
	Zhuravskij, A.A., Kolchigin, N.N., Pivnenko, S.N., Ivanchenko, D.D.	A device for prevention of coke machines running into man (1996) Koks i Khimiya, (9), p. 29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030234158&partnerID=40&md5=6151669d91b12801494ca7884176acc1
	Bondarenko, O.V., Kazanskij, V.B., Kolchigin, N.N.	A resonance and strip system of mode selection, transformation and absorption of waves (1996) Izvestiya Vysshikh Uchebnikh Zavedenij. Radioelektronika, 39 (1), pp. 23-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029713350&partnerID=40&md5=0caa6df0060fb1581b7be2f2825bd428
	Vodolazhenko, A.V., Kazanskii, V.B., Kolchigin, N.N.	Resonance Phenomena in Multi-boundary Periodic Metal-dielectric Systems. [REZONANSNYE YAVLENIYA V MNOGOGRANICHNYKH PERIODICHESKIKH METALLODIELEKTRICHESKIKH SISTEMAKH.] (1983) Izvestiya Vysshikh Uchebnikh Zavedenij. Radioelektronika, 26 (8), pp. 3-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020797612&partnerID=40&md5=5e47db235dcf3349f31ea2d7d4108703
	Kazanskii, V.B., Kolchigin, N.N., Reznik, I.I., Prosvirnin, S.L.	Electrodynamic characteristics of a two-layer asymmetrical diffraction lattice (1977) Radiophysics and Quantum Electronics, 20 (1), pp. 106-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250278023&doi=10.1007%2FBF01034288&partnerID=40&md5=9e17b1f413ea79aebb96dc14fe140a82
	Kazanskii, V.B., Kolchigin, N.N., Ukrainets, V.I.	Concerning the diffraction of electromagnetic waves by multielement arrays (the case of oblique incidence) (1976) Radiophysics and Quantum Electronics, 17 (7), pp. 806-808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250394591&doi=10.1007%2FBF01037241&partnerID=40&md5=a2185fa1f7ce5b4d3853804d86949ca5
	Kazanskii, V.B., Kolchigin, N.N., Sivozalizov, N.A., Ukrainets, V.I.	Resonant Properties of Periodic Arrays Consisting of Elements with Complex Cross Sections. (1975) Izvestiya Vysshikh Uchebnikh Zavedenij. Radioelektronika, 18 (1), pp. 36-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016429567&partnerID=40&md5=06b60e8d790cee554ddcb5b9105114d
	Kazanskii, V.B., Kolchigin, N.N.	Selective Properties of Intersecting Arrays with Different Period. (1973) Izvestiya Vysshikh Uchebnikh Zavedenij. Radioelektronika, 16 (9), pp. 3-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015660923&partnerID=40&md5=204d8b935fb29335c5efd4d5d6babc8a
29	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Waveguide T-junctions with resonant coupling between sections of different dimensions (2017) International Journal of Microwave and Wireless Technologies, 9 (5), pp. 1059-1065.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996791619&doi=10.1017%2FIS175907871600129X&partnerID=40&md5=19c26455def4b39cf39effb8d4b4de36
	Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Resonant phenomena at diffraction of tilted impedance dipole field on finite size screen (2016) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2016-December, art. no. 7772209, pp. 49-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009751207&doi=10.1109%2FDIPED.2016.7772209&partnerID=40&md5=16c576bafa419bba88a0ed4452938433

Penkin, Y.M., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Influence of a dielectric insert on energy characteristics of a cruciform waveguide junction (2016) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2016-December, art. no. 7772207, pp. 42-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009802503&doi=10.1109%2FDIPED.2016.7772207&partnerID=40&md5=c7b91bd3d0aa9749eace11b4facad4d4
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	E-plane T-junctions of rectangular waveguides with vibrator-slot coupling between arms of different dimensions (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724153, pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000838213&doi=10.1109%2FUWBUSIS.2016.7724153&partnerID=40&md5=7815ecb90e88dcac7488fde9af6dcf41
Yeliseyeva, N.P., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Polarization of wave formed by impedance wire dipole with screen depending on screen sizes (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724192, pp. 213-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000774389&doi=10.1109%2FUWBUSIS.2016.7724192&partnerID=40&md5=fa86dcfa04e67a8d22afb79c1ff243e8
Penkin, Yu.M., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Energy characteristics of a T-Shaped Waveguide junction with a dielectric insert (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724154, pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000788355&doi=10.1109%2FUWBUSIS.2016.7724154&partnerID=40&md5=32788b25f60310df359647fdb797cd8a
Yeliseyeva, N.P., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Formation of circularly polarized wave by impedance wire dipole located over square screen (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544033, pp. 396-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985006918&doi=10.1109%2FMMET.2016.7544033&partnerID=40&md5=0a76d1c8a61987696d195939296241b4
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, Yu.M., Pshenichnaya, S.V.	Yagi-Uda antennas with impedance wires (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544035, pp. 403-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984976216&doi=10.1109%2FMMET.2016.7544035&partnerID=40&md5=5597096d849417adaf76405ac8ace9
Penkin, Yu.M., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Waveguide junction with controllable power division (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538048, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988001572&doi=10.1109%2FMSMW.2016.7538048&partnerID=40&md5=01d1e48d116a9fc7c54e7edd8ef1c0da
Yeliseyeva, N.P., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Directional and polarization radiation characteristics of a horizontal impedance vibrator located above a rectangular screen (2016) Journal of Communications Technology and Electronics, 61 (2), pp. 99-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961615419&doi=10.1134%2FIS1064226916010046&partnerID=40&md5=9bc751be6caebb3830010771555c51be
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Electromagnetic waves radiation by a vibrators system with variable surface impedance (2016) Progress In Electromagnetics Research M, 51, pp. 157-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994779332&doi=10.2528%2FPIERM.16091605&partnerID=40&md5=574116307dc8d4e0ab68a7e17d6d4c84
Berdnik, S.L. , Katrich, V.A., Kiyko, V.I., Nesterenko, M.V., Penkin, Yu.M.	Power characteristics of a T-junction of Rectangular waveguides with a multi-element monopole-slotted coupling structure (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (6), pp. 489-506.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983268644&partnerID=40&md5=855c7b40286f38b71ec71dfd4891d19f
Yeliseyeva, N.P., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Directive gain of horizontal impedance vibrator located over finite-size perfectly conducting screen (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324255, pp. 71-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959247215&doi=10.1109%2FDIPED.2015.7324255&partnerID=40&md5=1a26404908a956d76f4f3352c406e3b
Dakhov, V.M., Katrich, V.A., Berdnik, S.L. , Nesterenko, M.V., Penkin, D.Y.	Radiation fields of radial monopole array mounted on a perfectly conducting sphere (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324254, pp. 66-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959189117&doi=10.1109%2FDIPED.2015.7324254&partnerID=40&md5=073f8380439df373245cf784bd72f606
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, Y.M., Pshenichnaya, S.V.	Clavin element with impedance monopoles (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324253, pp. 61-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959218831&doi=10.1109%2FDIPED.2015.7324253&partnerID=40&md5=c135a267f8d9e9710e6bc907b7271ea6
Berdnik, S.L. , Blinova, N.K., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Spherical antenna with a Clavin radiator (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324256, pp. 75-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959239784&doi=10.1109%2FDIPED.2015.7324256&partnerID=40&md5=63678c81b0b5a4fa983db37dc133705
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, Y.M., Penkin, D.Y.	Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide (2015) IEEE Transactions on Antennas and Propagation, 63 (9), art. no. 7150358, pp. 4256-4259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940995683&doi=10.1109%2FTAP.2015.2453015&partnerID=40&md5=64eaf349aa9b2d96b43f631ef28de5ad9
Yeliseyeva, N.P., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Electrodynamic characteristics of horizontal impedance vibrator located over a finite-dimensional perfectly conducting screen (2015) Progress In Electromagnetics Research B, 63 (1), pp. 275-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954525361&doi=10.2528%2FPIERB.15043003&partnerID=40&md5=1ed280e7bab58a2eect1e6644453cd98
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, Yu.M.	Waveguide E-plane T-junction with resonance coupling between shoulders (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136866, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939430223&doi=10.1109%2FICATT.2015.7136866&partnerID=40&md5=43784c6e1719a598ea798b2c99cb2f95
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	E-plane t-junction of rectangular waveguides with vibrator-slot coupling between arms (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (14), pp. 1225-1240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950313216&partnerID=40&md5=9a4a0b6cb2b0c3bc318389760f333ef09
Berdnik, S.L. , Vasylovskiy, V.S., Nesterenko, M.V., Penkin, Yu.M.	Radiation fields of the spherical slot antenna in a material medium (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136857, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939445237&doi=10.1109%2FICATT.2015.7136857&partnerID=40&md5=c0bc702a2dd1002eb85cdf9643477286
Penkin, D.Y., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M., Berdnik, S.L.	Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere (2015) Progress In Electromagnetics Research B, 62 (1), pp. 137-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930668941&doi=10.2528%2FPIERB.14120102&partnerID=40&md5=ba7becf649c348bb76a9e38a81154451
Berdnik, S.L. , Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Blinova, N.K.	Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959494, pp. 491-492.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915750493&doi=10.1109%2FCRMICO.2014.6959494&partnerID=40&md5=3d5b04740377ac8b2ba9da05e5efac0
Berdnik, S.L. , Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Pshenichnaya, S.V.	Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere (2013) Progress In Electromagnetics Research M, 34, pp. 89-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891046231&partnerID=40&md5=94a4f0ccadd84f7255a2e191f85e9b1
Berdnik, S.L. , Penkin, Yu.M., Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Resonant slot spherical antenna (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652977, pp. 610-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891067479&partnerID=40&md5=e01a4e8b1db40158871cd08d01fbf965
Penkin, D.Yu., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Kijko, V.I.	Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653024, pp. 708-709.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891076715&partnerID=40&md5=ee2c0a643efdd83dde4c68ee3c5f881e
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Spherical antenna excited by a slot in an impedance end-wall of a rectangular waveguide (2013) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6653843, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891596115&partnerID=40&md5=f7e3a866c1013a7226a14a7484af53ca
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide (2013) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6653827, pp. 45-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891617203&partnerID=40&md5=e97596b271475df9adda7056fd9432

Penkin, D.Y., Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Kijko, V.I.	Electromagnetic fields excitation by a multielement vibrator-slot structures in coupled electrodynamics volumes (2013) Progress In Electromagnetics Research B, (49), pp. 235-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875082569&partnerID=40&md5=ba3f243585e7f36f5b35f518d9b90a12
Berdnik, S.L. , Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Kijko, V.I.	Electromagnetic waves radiation into the space over a sphere by a slot in the end-wall of a semi-infinite rectangular waveguide (2013) Progress In Electromagnetics Research B, (46), pp. 139-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875065219&doi=10.2528%2FIERB12102203&partnerID=40&md5=88a9a42258e67e1673268f8849b117d4
Penkin, D.Y., Katrich, V.A., Dakhov, V.M., Nesterenko, M.V., Berdnik, S.L.	Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere (2013) 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650699, pp. 123-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898619557&doi=10.1109%2FICATT.2013.6650699&partnerID=40&md5=aa4df88f673770a07b91d49b1af1313d6
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Kiyko, V.I.	System of impedance vibrators in free space (2012) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6344097, pp. 53-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870676572&partnerID=40&md5=89a1170986fa321a8d4d43ff636c61
Dakhov, V.M., Katrich, V.A., Berdnik, S.L.	Optimization of the radiation pattern of regular antenna arrays with taking into account mutual coupling between radiators (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379767, pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872250321&doi=10.1109%2FUWBUSIS.2012.6379767&partnerID=40&md5=c536b7a76cc2e3bfde94c4db4cc4f01d
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Penkin, D.Y., Pshenichnaya, S.V.	Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379777, pp. 195-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872244934&doi=10.1109%2FUWBUSIS.2012.6379777&partnerID=40&md5=abf3124b662281cc8d3702e7587f2cd6
Dakhov, V.M., Katrich, V.A., Berdnik, S.L.	Optimization of irregular antenna arrays taking into account mutual coupling of radiators (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336054, pp. 457-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869834177&partnerID=40&md5=7150fa623f796627d6b7c0242477b7a0
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Multimode excitation of waveguide-slot leaky-wave radiator (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336062, pp. 483-484.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869744650&partnerID=40&md5=d259b43236f0debe022f6b1086f2618e
Nesterenko, M.V., Katrich, V.A., Penkin, D.Y., Berdnik, S.L. , Kijko, V.I.	Electromagnetic waves scattering and radiation by vibrator-slot structure in a rectangular waveguide (2012) Progress In Electromagnetics Research M, 24, pp. 69-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859356712&partnerID=40&md5=b01b89489d3e1b5160a23fb4d007dd0d
Nesterenko, M.V., Katrich, V.A., Penkin, Y.M., Berdnik, S.L. , Kijko, V.I.	Combined vibrator-slot structures in electrodynamic volumes (2012) Progress In Electromagnetics Research B, (37), pp. 237-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872238642&partnerID=40&md5=8c28f8b977b5b53ed4227000fa0a2e24
Dakhov, V.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L.	Radiation polarization control of the turnstile antenna with impedance vibrators (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170740, pp. 199-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859977200&doi=10.1109%2FICATT.2011.6170740&partnerID=40&md5=1271f6675fee3a6afa9f35d6cd3b57a8
Nesterenko, M.V., Katrich, V.A., Penkin, Y.M., Dakhov, V.M., Berdnik, S.L.	Thin impedance vibrators: Theory and applications (2011) Lecture Notes in Electrical Engineering, 95 LNEE, pp. 1-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868275623&doi=10.1007%2F978-1-4419-7850-9&partnerID=40&md5=5ba75b4e007261c86933130ed2b37a8
Berdnik, S.L. , Katrich, V.A., Kijko, V.I., Nesterenko, M.V.	A slot radiator at an end wall of rectangular waveguide with a double-slot resonant diaphragm (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069057, pp. 565-566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143471&partnerID=40&md5=b51053e5d5dc41dee4688a7bb45cbe12
Nesterenko, M.V., Katrich, V.A., Berdnik, S.L. , Penkin, Yu.M.	Yagi-Uda antenna with impedance vibrators (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632484, pp. 591-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650396157&partnerID=40&md5=42a3d8197206f3e699c971a291f0a33e
Nesterenko, M.V., Dakhov, V.M., Katrich, V.A., Berdnik, S.L. , Pshenichnaya, S.V.	Electromagnetic waves radiation by thin vibrators with asymmetrical surface impedance (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609138, pp. 212-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650082400&doi=10.1109%2FUWBUSIS.2010.5609138&partnerID=40&md5=54e332e2d7387d5f7877e0e4d0d62330
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Near-zone em field of combined slotted waveguide radiators in a material medium (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (16), pp. 1491-1497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951654969&doi=10.1615%2FTelecomRadEng.v69.i16.90&partnerID=40&md5=031a8cbe84826230e69e6ec98b9b3fec7
Berdnik, S.L.	Electromagnetic wave radiation by a set of longitudinal and transverse slots in a wide wall of a rectangular waveguide (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (9), pp. 763-771.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958592037&doi=10.1615%2FTelecomRadEng.v69.i9.20&partnerID=40&md5=6adf1eedd493e98fcc9c472056f060e
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Near fields of combined waveguide-slot radiators in matter (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293053, pp. 442-443.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949120974&partnerID=40&md5=ac1d583e9e0dd6560d4048559285d40
Berdnik, S.L. , Gorobets, N.N., Katrich, V.A., Lyashchenko, V.A.	Matching of large-size waveguide radiator with a dielectric (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1795-1809.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849105583&doi=10.1615%2FTelecomRadEng.v68.i20.20&partnerID=40&md5=c4adbd5f786610efdeaebefae6804ec
Dakhov, V.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L.	Radiation field of crossed vibrators system into flat-layered medium with losses (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669366, pp. 86-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649200252&doi=10.1109%2FUWBUS.2008.4669366&partnerID=40&md5=06506cef28c39bf129e6f6613721047f
Nesterenko, M.V., Katrich, V.A., Penkin, Y.M., Berdnik, S.L.	Analytical and hybrid methods in the theory of slot-hole coupling of electrodynamic volumes (2008) Analytical and Hybrid Methods in the Theory of Slot-Hole Coupling of Electrodynamic Volumes, pp. 1-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895274313&doi=10.1007%2F978-0-387-76362-0&partnerID=40&md5=a89a07692b9a6ead7b3bdc4b0290fa66
Berdnik, S.L. , Katrich, V.A.	Sidelobe reduction of two-dimensional waveguide-slot antenna arrays (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425245, pp. 461-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849085527&doi=10.1109%2FICATT.2007.4425245&partnerID=40&md5=0cb3e82f09e54c0f77d21dfdf0c01d7e
Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Near fields of waveguide-slot arrays in matter (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368926, pp. 739-740.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149103416&doi=10.1109%2FCRIMICO.2007.4368926&partnerID=40&md5=1d91d412725bddd557bd2f2130911487f
Yatsuk, L.P., Berdnik, S.L. , Katrich, V.A.	Output performance of a slot in a waveguide with dielectric insert of finite length (2007) Radioelectronics and Communications Systems, 50 (11), pp. 616-624.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549141621&doi=10.3103%2FS0735272707110052&partnerID=40&md5=dd373c9b451c008a397436b687e8fffc
Nesterenko, M.V., Katrich, V.A., Penkin, Yu.M., Berdnik, S.L.	Analytical methods in theory of slot-hole coupling of electrodynamic volumes (2007) Progress in Electromagnetics Research, 70, pp. 79-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947321288&partnerID=40&md5=00012f55004be4ba3d89fc740bf83e5
Yatsuk, L., Berdnik, S.	The internal admittance of slot in a waveguide with a dielectric slab of finite length (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689799, pp. 387-389.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547304250&partnerID=40&md5=c96f75aa1067c69d78e3daf810afafc
Lyashchenko, V.A., Katrich, V.A., Berdnik, S.L.	Lossy dielectrics influence on radiating characteristics of waveguide-slot antennas (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023333, pp. 437-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249123887&doi=10.1109%2FCRIMICO.2006.256051&partnerID=40&md5=c93b84e004fca5d22ed7bbbb1fd0669
Berdnik, S.L. , Katrich, V.A., Kiiko, V.I., Nesterenko, M.V.	Electrodynamic characteristics of the nonresonant system of transverse slots in the wide wall of a rectangular waveguide (2005) Radioelectronics and Communications Systems, 48 (1), pp. 52-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644513733&partnerID=40&md5=d4573a6314b6b06ce99afa5ac127e

	Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Near field of non-resonant system of transverse slots in rectangular waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 1, art. no. 1564943, pp. 364-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846297027&doi=10.1109%2fCRMICO.2005.1564943&partnerID=40&md5=62922addbab43a496d910f35b964d2d
	Lyaschenko, V.A., Katrich, V.A., Berdnik, S.L. , Bulgakova, A.A.	Effect of dielectrics on radiating characteristics and directional properties of waveguide-slot antennas (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 383-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644388559&partnerID=40&md5=59ba4ea13c64b441b2a195b729205b28
	Berdnik, S.L. , Katrich, V.A., Nesterenko, M.V.	Analysis of electrically long longitudinal slots system in broad wall of rectangular waveguide (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 381-382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644384548&partnerID=40&md5=84920290474a23cad9ce95d2fb094291
	Berdnik, S.L. , Katrich, V.A., Lyaschenko, V.A.	Closely spaced transverse slots in rectangular waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239204, pp. 273-275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049094624&doi=10.1109%2fICATT.2003.1239204&partnerID=40&md5=e0448237d719f53f4843e7d0c5d591b2
	Katrich, V.A., Lyaschenko, V.A., Berdnik, S.L.	Electrically long waveguide-slot antennas with optimal radiating and directional characteristics (2003) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 46 (2), pp. 51-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037229653&partnerID=40&md5=9c4aa4fb5a04fe6d263f157553848d8
	Berdnik, S.L. , Katrich, V.A., Lyaschenko, V.A.	The optimization of characteristic for electrically lengthy longitudinal slots in a narrow wall of the rectangular waveguide (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256555, pp. 395-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945156538&doi=10.1109%2fCRMICO.2003.158870&partnerID=40&md5=eb943918611349020b7b5b0960ea37b0
	Berdnik, S.L. , Katrich, V.A., Lyaschenko, N.A., Polyakov, N.A.	Energy characteristics and directed properties of electrically long longitudinal slots in a rectangular waveguide (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (3-4), pp. 93-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751187135&partnerID=40&md5=60f3dcba9b2a657c7b32d9312d7744f0
	Katrich, V.A., Nesterenko, M.V., Yatsuk, L.P., Berdnik, S.L.	Method of induced magnetomotive forces for electrically long slots in waveguide walls (2002) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 45 (12), pp. 14-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036991803&partnerID=40&md5=0a62690b3149bf67d2abbe55075b1513
	Berdnik, S.L. , Katrich, V.A., Lyaschenko, V.A.	Optimization of electrically lengthy longitudinal slots patterns (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137273, pp. 361-362.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968807229&doi=10.1109%2fCRMICO.2002.1137273&partnerID=40&md5=e11c4e434fee0fa9272c442a335f46a7
	Berdnik, S.L. , Katrich, V.A., Lyaschenko, V.A.	Double frequency slot antenna on a multi-mode waveguide (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173878, pp. 387-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956681907&partnerID=40&md5=f9e1d0479f423b0be764b82ed32956e7
	Bulgakov, A.A., Berdnik, S.L. , Gorobets, N.N., Katrich, V.A., Lyaschenko, V.A.	Interaction between the open ends of the wide-side multimode waveguide radiators with dielectric filling (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, art. no. 946771, pp. 172-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966658540&doi=10.1109%2fMSMW.2001.946771&partnerID=40&md5=5eecd0b22cf3293402fb17c03dd7191d
30	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Senyuta, V.S., Topkov, A.N.	Propagation and focusing of modes of dielectric resonators of terahertz range lasers (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (7), pp. 629-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941648042&doi=10.1615%2fTelecomRadEng.v74.i7.60&partnerID=40&md5=b08b1848801e9065b971d1007b9f670c
	Gurin, O.V., Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A., Svich, V.A. , Senyuta, V.S., Topkov, A.N.	Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (20), pp. 1819-1830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918513385&partnerID=40&md5=8ff88ed988dca0d23378eaf4b3c1896
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Senyuta, V.S., Topkov, A.N., Khardikov, V.V.	The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (14), pp. 1229-1239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906053308&doi=10.1615%2fTelecomRadEng.v73.i14.20&partnerID=40&md5=e433302827c07e9d542759df4bcbe7a
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A. , Topkov, A.N.	Propagation and focusing of modes of the dielectric resonator of terahertz laser (2014) Proceedings - 2014 International Conference Laser Optics, LO 2014, art. no. 6886325, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906979449&doi=10.1109%2fLO.2014.6886325&partnerID=40&md5=bca38b0ae764cd373d284e183c57b9d
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A. , Topkov, A.N.	Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622183, pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888606474&doi=10.1109%2fMSMW.2013.6622183&partnerID=40&md5=a81c8b055be670395d157b8a3966847
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N., Ruban, T.F.	Formation of a quasi-uniform output beam in the waveguide CO2 laser (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 6657564, pp. 160-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893764949&doi=10.1109%2fCAOL.2013.6657564&partnerID=40&md5=c394a230c4c9ebc91a55f36f1140009
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Senyuta, V.S., Topkov, A.N.	Radiation characteristics of the metal waveguide resonator with an inclined mirror (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (14), pp. 1349-1359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883219791&doi=10.1615%2fTelecomRadEng.v72.i14.70&partnerID=40&md5=86be38997b390d770ce5a8de7bf3ea1e
	Vlasenko, S.A., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Waveguide CO2 laser with a quasi-homogeneous distribution of the output radiation intensity (2013) Quantum Electronics, 43 (5), pp. 472-476.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878878800&doi=10.1070%2fQE2013v04n05ABEH014988&partnerID=40&md5=f4280bbaae8a5ce5e3f793ae9867e683
	Gurin, O.V., Degtyarev, A.V., Khardikov, V.V., Maslov, V.A., Svich, V.A. , Senyuta, V.S., Topkov, A.N.	Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331253, pp. 312-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870788318&doi=10.1109%2fMMET.2012.6331253&partnerID=40&md5=ec788de10ed4a829ba9d72e722ba0dce
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A. , Topkov, A.N.	Metallic waveguide cavity with a spherical mirror (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, art. no. 6145046, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857508373&doi=10.1109%2fLFNM.2011.6145046&partnerID=40&md5=54930f9f55d40df3dd5f2c864828ba01
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Senyuta, V.S., Topkov, A.N.	Transmission characteristics of metal circular waveguides in terahertz range (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069179, pp. 850-851.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142317&partnerID=40&md5=249e6d9205d770ffc0e4f08d32472722
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Senyuta, V.S., Topkov, A.N.	Transmission characteristics of circular metallic waveguides for terahertz radiation (2011) Quantum Electronics, 41 (9), pp. 853-857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054700792&doi=10.1070%2fQE2011v04n09ABEH014634&partnerID=40&md5=8dc7d0b73223485d24a3a379b0c596d
	Odarenko, E.N., Svich, V.A. , Shmat'ko, A.A.	Scattering of the Gaussian beam by a metamaterial Slab (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632699, pp. 634-635.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650317276&partnerID=40&md5=0620690059657b9a4405a5f97a580fe6
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Calculation of transmitted characteristics for metal waveguides in terahertz range (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546044, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957347755&doi=10.1109%2fMSMW.2010.5546044&partnerID=40&md5=964cca2f1d2d47d5d86f617f3fe9aa8f
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Selection of the higher transverse modes of a waveguide quasi-optical resonator (2010) Quantum Electronics, 40 (1), pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950360990&doi=10.1070%2fQE2010v04n01ABEH014142&partnerID=40&md5=fbd5fc0b6b02ce392b9887acb52784b3
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Formation of quasi-homogeneous output oscillation in the waveguide metal rectangular resonator with a heterogeneous mirror (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (14), pp. 1285-1292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915733389&partnerID=40&md5=cc04d5a1e46cb5896b81b415140c71e3

Odarenko, E.N., Svich, V.A. , Smat'ko, A.A.	Transformation of Gaussian beam polarization by metamaterial layer (2009) KpbMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293005, pp. 567-568.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949124476&partnerID=40&md5=f708dc2b20fec7514dee1d232f54a1b
Vorobyev, A.Y., Topkov, A.N., Gurin, O.V., Svich, V.A. , Guo, C.	Enhanced absorption of metals over ultrabroad electromagnetic spectrum (2009) Applied Physics Letters, 95 (12), art. no. 121106, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349690184&doi=10.1063%2f1.3227668&partnerID=40&md5=325515dc039ac88041af7e02b6c6519
Vorobyev, A.Y., Topkov, A.N., Gurin, O.V., Svich, V.A. , Guo, C.	Enhanced THz absorptance of metal surfaces structured with femtosecond laser (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671991, pp. 416-418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849113333&doi=10.1109%2fCAOL.2008.4671991&partnerID=40&md5=1bef12188f176b27f785bba6667c64dc
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Selection of the high-order modes in the waveguide resonator by means a phase-shifting mirror (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671990, pp. 297-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849091387&doi=10.1109%2fCAOL.2008.4671990&partnerID=40&md5=30c02ef78c75a238ae1b25592eb97a1e
Odarenko, E.N., Svich, V.A. , Smat'ko, A.A.	Effect of the focusing field induction on the klotron amplifier characteristics (2008) KpbMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676348, pp. 196-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049169268&doi=10.1109%2fCRMICO.2008.4676348&partnerID=40&md5=0125c9c0e7015578db5ab3359f31012a
Svich, V.A. , Topkov, A.N., Maslov, V.A., Gurin, O.V.	Forming of a beam with a uniform intensity distribution in the active resonator of waveguide CO ₂ -laser (2008) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 67 (4), pp. 343-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4349140027&doi=10.1615%2fTelecomRadEng.v67.i4.70&partnerID=40&md5=c0333b69751555505840cee282986f2c
Odarenko, E.N., Svich, V.A. , Smat'ko, A.A.	Wave beam scattering by thin lossy dielectric cylinder (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRMICO, art. no. 4368792, pp. 934-935.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149101112&doi=10.1109%2fCRMICO.2007.4368792&partnerID=40&md5=23fc88df02976d1c8ac49d973deed802
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Formation of uniform field distributions in a quasi-optical waveguide resonator containing a spherical convex reflector (2007) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 66 (11), pp. 1013-1021.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149037026&doi=10.1615%2fTelecomRadEng.v66.i11.60&partnerID=40&md5=bb969bcd9614834101bd63b99749431a
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Waveguide quasi-optical resonator with the spherical convex reflector for formation of the uniform output beam (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294612, pp. 213-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249100310&doi=10.1109%2fMSMW.2007.4294612&partnerID=40&md5=7dd821cadcad40a6154f764adff6b754
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Selective excitation of the high-order modes in the waveguide quasioptical resonator (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294613, pp. 216-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249084778&doi=10.1109%2fMSMW.2007.4294613&partnerID=40&md5=7ec26a6f03a0c6684dc3f7fe4f484b06
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Formation of a non-Gaussian intensity profile in a waveguide quasi-optical resonator with an aspherical reflector (2007) Quantum Electronics, 37 (11), pp. 1065-1070.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39749108846&doi=10.1070%2fQE2007v037n11ABEH013595&partnerID=40&md5=682273d4313e2452df7dbda6b93ee744
Volodenko, A.V., Gurin, O.V., Dyagterev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Waveguide submillimeter laser with a uniform output beam (2007) Quantum Electronics, 37 (1), pp. 63-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147204381&doi=10.1070%2fQE2007v037n01ABEH013295&partnerID=40&md5=811549f7b7f56faed478d66f20cfbec
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Formation of the uniform field in the waveguide quasi-optical resonator with the spherical convex reflector (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018242, pp. 206-211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250831088&doi=10.1109%2fLFNM.2006.252023&partnerID=40&md5=f4367576f5a44505ae92b60da5b43422
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Transmission and self-imaging of submillimeter laser beams in rectangular metal waveguides (2006) Quantum Electronics, 36 (2), pp. 149-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646416523&doi=10.1070%2fQE2006v036n02ABEH013116&partnerID=40&md5=d22efc8d5f71811522ba7e72595c0e3
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N., Ruban, T.F.	Propagation of submillimeter laser beams along hollow oversized waveguides (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, art. no. 1553864, pp. 210-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483118&doi=10.1109%2fCAOL.2005.1553864&partnerID=40&md5=a2fac94f4787150ce4a1c0a8d12855cb
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Kvantovaya Elektronika, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24044505319&partnerID=40&md5=04259715c89d3b678e20de4a1eda3d08
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Quantum Electronics, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18944381444&doi=10.1070%2fQE2005v035n02ABEH002639&partnerID=40&md5=0e388e768390f589ba31782caf05ab50
Muntean, K.I., Svich, V.A.	Accurate measurement of the radius of curvature of laser mirrors using mode crossing in marginally unstable laser resonator (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, p. 81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244459599&partnerID=40&md5=338bd76996d0d608605fb37ae20cd81
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Transmission of submillimeter laser beams through metal rectangular waveguides (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244467923&partnerID=40&md5=2e457ef3d0577c9b0170ed11f097ca0
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Tkachenko, V.M., Topkov, A.N.	Transmission of submillimeter beams through oversized hollow waveguides (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 420-421.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644362315&partnerID=40&md5=3d9a801400fb59caf5048ac36b473252
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Tkachenko, V.M., Topkov, A.N.	Transmission of laser beams through hollow metal waveguides (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 692-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544295377&partnerID=40&md5=4859cf7343f2c509abb206bfc36d198
Gurin, O.V., Maslov, V.A., Svich, V.A. , Topkov, A.N., Fursova, Y.V.	Formation of a beam with a uniform intensity distribution of radiation in a waveguide quasi-optical resonator with an amplitude-stepped mirror (2003) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 59 (7-9), pp. 159-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949929193&partnerID=40&md5=e6b37ac1add1d1e7526eb8d841b3a3f3
Gurin, O.V., Maslov, V.A., Svich, V.A. , Topkov, A.N.	Waveguide CW CO ₂ -laser with a uniform output beam (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, art. no. 1250534, pp. 140-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147202519&doi=10.1109%2fCAOL.2003.1250534&partnerID=40&md5=af98bce826a9967ff4fc59d32df17143
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Tkachenko, V.M., Topkov, A.N.	Waveguide submillimeter laser with mode selector (2003) Proceedings of LFNM 2003 - 5th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1246075, pp. 65-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946151937&doi=10.1109%2fLFNM.2003.1246075&partnerID=40&md5=31a5579461a5dfb31ed9f18895c205
Muntyan, K.I., Svich, V.A.	On the measurement of laser radiation beam spatial parameters (2002) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 57 (6-7), pp. 147-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751344575&partnerID=40&md5=fad8814722128f2a9c1ad2564e01fba9
Gurin, O.V., Maslov, V.A., Svich, V.A. , Topkov, A.N., Fursova, Y.V.	A resonator for selection and shaping of the fourier mode with a uniform field amplitude profile (2002) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 57 (10-11), pp. 141-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751186902&partnerID=40&md5=9522417b37bc5640b6e879d30db8949
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A. , Tkachenko, V.M., Topkov, A.N.	A waveguide submillimeter laser with mode selector (2002) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 58 (11-12), pp. 108-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751169148&partnerID=40&md5=7c80eb90eeaa043b84fe06791ea497c

	Muntean, K.I., Svich, V.A.	Developments in optical resonator parameter measurement towards realising metre (2002) Proceedings of LFNМ 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014122, pp. 100-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961918337&doi=10.1109%2FЛFNM.2002.1014122&partnerID=40&md5=67cb6b1ce07aa5722fc465d094f1aa1a
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Quasioptical laser resonator on the basis of a metal waveguide with coupling holes in mirrors (2002) Proceedings of LFNМ 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014112, pp. 72-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961877298&doi=10.1109%2FЛFNM.2002.1014112&partnerID=40&md5=a0555c6940389cb2dfe79bcb9a700219
	Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of uniform intensity distribution in a cw CO2 laser with a phase-stepped mirror (2001) Kvantovaya Elektronika, 31 (6), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035770144&partnerID=40&md5=3d13805d645378e730d52fd7a3c751c8
	Gurin, O.V., Yepishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a uniform intensity distribution in a cw CO2 laser with a phase-stepped mirror (2001) Quantum Electronics, 31 (6), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035373909&doi=10.1070%2FQE2001v031n06ABEH001998&partnerID=40&md5=569ba10d525dc7c049fe0e7440ee613e
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser cavities containing waveguides and open parts (2001) Quantum Electronics, 31 (4), pp. 346-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035315736&doi=10.1070%2FQE2001v031n04ABEH001949&partnerID=40&md5=e6bcd6e1ade91f8c59356dc1c9443663
	Gurin, O.V., Fursova, E.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Undistorted transmission of radiation beams in form of sombrero and super-gaussian functions along hollow-core dielectric waveguides (2001) Proceedings of LFNМ 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 930215, pp. 93-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963831356&doi=10.1109%2FЛFNM.2001.930215&partnerID=40&md5=080380f70570a51b05dc50d40e6e528a
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Heterodyne interferometer on the basis of the ring submillimeter laser with bidirectional optical pumping (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947342, pp. 876-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966534395&doi=10.1109%2FMSMW.2001.947342&partnerID=40&md5=269825e68d6f8eaa5b31b97728bfcfb4
	Muntean, K.I., Svich, V.A.	Influence of mode-mismatching on total phase shift of wave in cavity (2000) Proceedings of LFNМ 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 854051, pp. 99-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960445128&doi=10.1109%2FЛFNM.2000.854051&partnerID=40&md5=2a2f3d66c764fc7cd44b8d3025519f1
	Muntean, K.I., Svich, V.A.	Eigenmodes diffraction losses of marginally unstable semispherical resonator (2000) Proceedings of LFNМ 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 854050, pp. 96-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960413711&doi=10.1109%2FЛFNM.2000.854050&partnerID=40&md5=ffb45d5c5ae25adfec34af897c848f1c
	Tkachenko, V.M., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Mode selection in laser resonators containing waveguide and open sections (2000) Proceedings of LFNМ 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 854032, pp. 26-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960341439&doi=10.1109%2FЛFNM.2000.854032&partnerID=40&md5=1d213acbf86c71317cac2f6b3d8fca7
	Gurin, O.V., Maslov, V.A., Militinsky, I.M., Svich, V.A., Topkov, A.N.	Formation of beams with uniform field distribution in a generalized confocal open resonator with a graded-phase mirror (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (6), pp. 65-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844526386&partnerID=40&md5=7eb844b57ba8cf61917d87475d62687b
	Gurin, O.V., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of beams with uniform intensity profile in laser cavities (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (11), pp. 77-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144462667&partnerID=40&md5=2a910b2c6b7981512a9720a305229e80
	Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution in a CO2 laser with a composite cavity (1998) Kvantovaya Elektronika, 25 (5), p. 428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747261536&partnerID=40&md5=eaef152b1917715f764fd6f646c575f
	Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution in a CO2 laser with a generalised confocal cavity (1998) Quantum Electronics, 28 (5), pp. 411-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040579394&doi=10.1070%2FQE1998v028n05ABEH001238&partnerID=40&md5=e6752a8c0274257938549468e153b8f9
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Optimisation of a metal waveguide cavity for a submillimetre laser (1997) Kvantovaya Elektronika, 24 (1), p. 36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747585841&partnerID=40&md5=b7a493e91e741dab1d1364802f7ad033
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Optimisation of a metal waveguide cavity for a submillimetre laser (1997) Quantum Electronics, 27 (1), pp. 31-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031501694&doi=10.1070%2FQE1997v027n01ABEH000800&partnerID=40&md5=ca35df8a4c87f888760fd2cdd28fb053
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Output coupling hole optimization of the waveguide submillimeter laser (1996) Conference on Lasers and Electro-Optics Europe - Technical Digest, p. 269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029765227&partnerID=40&md5=9be254027c4564eda7b599d0d8384177
	Yepishin, V.A., Maslov, V.A., Militinskiy, I.M., Svich, V.A., Topkov, A.N.	Modified grating resonator with uniform output beam (1996) Conference on Lasers and Electro-Optics Europe - Technical Digest, p. 168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029746792&partnerID=40&md5=9b85fd026aa6cc5b35776e2ef5935e5
	Yepishin, V.A., Maslov, V.A., Militinskiy, I.M., Svich, V.A., Topkov, A.N.	Fourier-mode of open resonator with uniform amplitude on one reflector (1996) Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, p. 162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029712460&partnerID=40&md5=e361539c8b7ca8e58175c89b83c84b39
	Balashova, E., Neofitny, M., Svich, V.	Phase diffraction grating for the integral transforms of coherent light fields (1992) Proceedings of SPIE - The International Society for Optical Engineering, 1731, pp. 128-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026962189&partnerID=40&md5=b7d209177bc9986d5b43440b9be153f7
	Yepishin, V.A., Maslov, V.A., Ryabykh, V.N., Svich, V.A., Topkov, A.N.	Undistorted transmission of a beam of radiation along a channel-in-a-dielectric waveguide (1988) Soviet journal of communications technology & electronics, 33 (9), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024079218&partnerID=40&md5=58487845bbc6a6792056c40ac774a77
	Ryabykh, V.N., Svich, V.A., Topkov, A.N.	INVESTIGATION OF A TUNABLE CO/2 LASER EXCITED BY A TRANSVERSE hf DISCHARGE. (1984) Soviet journal of quantum electronics, 14 (8), pp. 1108-1110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021473614&partnerID=40&md5=6cec9e08bf875264075a17a3a89b8e5
	Epishin, V.A., Pokorkyakho, N.G., Svich, V.A., Topkov, A.N., Urinson, A.S., Yundev, D.N.	SUBMILLIMETER WAVEGUIDE LASER INTERFEROMETER FOR PLASMA DIAGNOSTICS. (1981) Instruments and experimental techniques New York, 24 (1 pt 2), pp. 155-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019343171&partnerID=40&md5=f06a7567ad73826bd8432fec127c1ab8
	Topkov, A.N., Svich, V.A., Pokormyakho, N.G.	STABILIZED HCN LASER WITH hf PUMPING. (1980) Instruments and experimental techniques New York, 23 (6 pt 2), pp. 1479-1481.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019078336&partnerID=40&md5=838cf1e9d7cbe4ad7d4856fd3689c2f5
31	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Waveguide T-junctions with resonant coupling between sections of different dimensions (2017) International Journal of Microwave and Wireless Technologies, 9 (5), pp. 1059-1065.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996791619&doi=10.1017%2FIS175907871600129X&partnerID=40&md5=19c26455def4b39cf39efb8d4b4de36
	Penkin, Y.M., Katrich, V.A., Nesterenko, M.V.	Formation of radiation fields of linear vibrator arrays by using impedance synthesis (2017) Progress In Electromagnetics Research M, 57, pp. 1-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020416313&partnerID=40&md5=882b6c0540cc4cb6bc9fe3129043a698
	Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Resonant phenomena at diffraction of tilted impedance dipole field on finite size screen (2016) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2016-December, art. no. 7772209, pp. 49-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009751207&doi=10.1109%2FDIPED.2016.7772209&partnerID=40&md5=16c576bafa419bba88a0ed4452938433
	Penkin, Y.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Influence of a dielectric insert on energy characteristics of a cruciform waveguide junction (2016) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2016-December, art. no. 7772207, pp. 42-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009802503&doi=10.1109%2FDIPED.2016.7772207&partnerID=40&md5=c7b91bd3d0aa9749eace11b4facad4d4
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	E-plane T-junctions of rectangular waveguides with vibrator-slot coupling between arms of different dimensions (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724153, pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000838213&doi=10.1109%2FUWBUSIS.2016.7724153&partnerID=40&md5=7815ecb90e88dca7488de9af6dcf41

Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Polarization of wave formed by impedance wire dipole with screen depending on screen sizes (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724192, pp. 213-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000774389&doi=10.1109%2FUBUSIS.2016.7724192&partnerID=40&md5=fa86dcfa04e67a8d22ab79cf1f2438
Penkin, Yu.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Pshenichnaya, S.V.	Energy characteristics of a T-Shaped Waveguide junction with a dielectric insert (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724154, pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000788355&doi=10.1109%2FUBUSIS.2016.7724154&partnerID=40&md5=32788b25f60310df359647fdb797cd8a
Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Formation of circularly polarized wave by impedance wire dipole located over square screen (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544033, pp. 396-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985006918&doi=10.1109%2FMMET.2016.7544033&partnerID=40&md5=0a76d1c8a61987696d19593296241b4
Penkin, Yu.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Waveguide junction with controllable power division (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538048, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988001572&doi=10.1109%2FMSMW.2016.7538048&partnerID=40&md5=01d1e48d116a9fc7c54e7edd8ef1c0da
Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Directional and polarization radiation characteristics of a horizontal impedance vibrator located above a rectangular screen (2016) Journal of Communications Technology and Electronics, 61 (2), pp. 99-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961615419&doi=10.1134%2FIS1064226916010046&partnerID=40&md5=9bc751be6caeb380010771555c51be
Penkin, Y.M., Katrich, V.A., Nesterenko, M.V.	Alternative representation of green's function for electric field on surfaces of thin vibrators (2016) Progress In Electromagnetics Research M, 52, pp. 169-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010338980&doi=10.2528%2FPIERM16102604&partnerID=40&md5=a711f5a7431850c05d10d6ca85b02f90
Bramas, Q., Foreback, D., Nesterenko, M. , Tixeuil, S.	Packet efficient implementation of the omega failure detector (2016) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10083 LNCS, pp. 70-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995598502&doi=10.1007%2F978-3-319-49259-9_6&partnerID=40&md5=d2936322dcca7929ed2056ec2e0b53ae
Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V. , Penkin, Yu.M.	Power characteristics of a T-junction of Rectangular waveguides with a multielement monopole-slotted coupling structure (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (6), pp. 489-506.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983268644&partnerID=40&md5=855c7b40286f38b71ec71dfd4891d19f
Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Directive gain of horizontal impedance vibrator located over finite-size perfectly conducting screen (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324255, pp. 71-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959247215&doi=10.1109%2FDIPED.2015.7324255&partnerID=40&md5=1a26404908a9a56d76f4f3352c406e3b
Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V. , Penkin, D.Y.	Radiation fields of radial monopole array mounted on a perfectly conducting sphere (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324254, pp. 66-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959189117&doi=10.1109%2FDIPED.2015.7324254&partnerID=40&md5=073f8380439df373245cf784bd72f606
Berdnik, S.L., Blinova, N.K., Katrich, V.A., Nesterenko, M.V. , Penkin, Y.M.	Spherical antenna with a Clavin radiator (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324256, pp. 75-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959239784&doi=10.1109%2FDIPED.2015.7324256&partnerID=40&md5=63678c81b0b5af4fa983db37dc133705
Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Penkin, Y.M., Penkin, D.Y.	Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide (2015) IEEE Transactions on Antennas and Propagation, 63 (9), art. no. 7150358, pp. 4256-4259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940995683&doi=10.1109%2FTAP.2015.2453015&partnerID=40&md5=64eaf349aa9b2d96b43f631ef28e5ad9
Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Electrodynamic characteristics of horizontal impedance vibrator located over a finite-dimensional perfectly conducting screen (2015) Progress In Electromagnetics Research B, 63 (1), pp. 275-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8495425361&doi=10.2528%2FPIERB15043003&partnerID=40&md5=1ed280e7bab58a2ee1ce644453cbb98
Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Penkin, Y.M.	E-plane t-junction of rectangular waveguides with vibrator-slot coupling between arms (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (14), pp. 1225-1240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950313216&partnerID=40&md5=ea4a06b2b0c3bc318389760f333ef09
Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. , Blinova, N.K.	Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959494, pp. 491-492.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915750493&doi=10.1109%2FCRIMICO.2014.6959494&partnerID=40&md5=3d5b04740377ac8be2ba9da05efac0
Nesterenko, M. , Tixeuil, S.	Discovering network topology in the presence of byzantine faults (2009) IEEE Transactions on Parallel and Distributed Systems, 20 (12), art. no. 4785459, pp. 1777-1789.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74449093229&doi=10.1109%2FTPDS.2009.25&partnerID=40&md5=f491d786cfd87e649352159df3e9b0bc
Nesterenko, M.V. , Katrich, V.A.	Electromagnetic waves scattering by thin impedance vibrators and narrow slots in waveguides (2008) DIPED-2008 - Proceedings of 13th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, art. no. 4671814, pp. 97-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849088342&doi=10.1109%2FDIPED.2008.4671814&partnerID=40&md5=ab12591d750f4f7338f6e01ce1fd4134
Dakhov, V.M., Katrich, V.A., Nesterenko, M.V. , Berdnik, S.L.	Radiation field of crossed vibrators system into flat-layered medium with losses (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669366, pp. 86-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649200252&doi=10.1109%2FUBUSIS.2008.4669366&partnerID=40&md5=06506cef28c39bf129e6f6613721047f
Dakhov, V.M., Katrich, V.A., Nesterenko, M.V.	Compact radiator for microwave hyperthermia (2008) KpbiMuKo 2008 CrMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676634, pp. 860-861.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049150432&doi=10.1109%2FCRIMICO.2008.4676634&partnerID=40&md5=bd734ad43d67eb9b6cd7dcddee45f55
Belogurov, E.Y., Katrich, V.A., Kijko, V.I., Nesterenko, M.V.	Thin impedance vibrator with variable radius in rectangular waveguide (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368832, pp. 516-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149093662&doi=10.1109%2FCRIMICO.2007.4368832&partnerID=40&md5=22cda52f1c7edc5cd2b27539341076c
Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Near fields of waveguide-slot arrays in matter (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368926, pp. 739-740.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149103416&doi=10.1109%2FCRIMICO.2007.4368926&partnerID=40&md5=1d91d412725bdd557bd2f2130911487
Katrich, V.A., Nesterenko, M.V. , Dakhov, V.M.	The near zone field of crossed impedance vibrators in absorbing medium over the perfect conducting plane (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICAITT'07, art. no. 4425151, pp. 184-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849124908&doi=10.1109%2FICATT.2007.4425151&partnerID=40&md5=0aaf9a4a0e38e51715f52d61bb780404
Nesterenko, M.V. , Katrich, V.A.	The method of induced magnetomotive forces for many-element cavity-backed slot radiators (2007) Radioelectronics and Communications Systems, 50 (4), pp. 225-231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547786139&doi=10.3103%2FIS0735272707040097&partnerID=40&md5=fa3be22491b1801793ad58a3a05e26ca
Nesterenko, M.V. , Katrich, V.A., Penkin, Yu.M., Berdnik, S.L.	Analytical methods in theory of slot-hole coupling of electrodynamic volumes (2007) Progress in Electromagnetics Research, 70, pp. 79-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947321288&partnerID=40&md5=0012f55004be4ba3d89fc740bfff83e5
Nesterenko, M.V. , Katrich, V.A.	The asymptotic solution of an integral equation for magnetic current in a problem of waveguides coupling through narrow slots (2006) Progress in Electromagnetics Research, 57, pp. 101-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947169185&partnerID=40&md5=a4d4642981f98864e410b9c8b991d5a1
Nesterenko, M.V. , Katrich, V.A., Belogurov, E.Yu.	Thin vibrator with variable impedance in rectangular waveguide (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CrMiCo, art. no. 4023383, pp. 548-549.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249086599&doi=10.1109%2FCRIMICO.2006.256101&partnerID=40&md5=c36739bfce5dc12a54e16c9211017044
Katrich, V.A., Nesterenko, M.V. , Yatsuk, L.P.	Energy characteristics of multielement resonator-slot radiators (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099264, pp. 211-213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249098385&doi=10.1109%2FUBUSIS.2006.307206&partnerID=40&md5=8b50c2d5f30655de783c04497a8ffbc
Nesterenko, M.V. , Dakhov, V.M.	The near zone field of thin impedance vibrators over perfect conducting plane (2005) 5th International Conference on Antenna Theory and Techniques, 2005, art. no. 1496906, pp. 145-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745448455&doi=10.1109%2FICATT.2005.1496906&partnerID=40&md5=1f6efc10790d053c074fc43229753064

	Nesterenko, M.V. , Katrich, V.A., Penkin, Yu.M.	Diffraction of H10-wave by stepped rectangular waveguide coupling with impedance slot iris (2005) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 63 (7), pp. 569-588.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747035049&doi=10.1615%2FTelecomRadEng.v63.i7.10&partnerID=40&md5=c104a54b87c517ea2822bc53e4f19a9
	Dumin, A.N., Dumina, O.A., Nesterenko, M.V. , Popov, V.S.	Dielectric heating with electromagnetic field (2005) Proceedings of Xth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2005, 2005, art. no. 1564572, pp. 93-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846335235&partnerID=40&md5=f994de31aa8ee67aefc6071fb7c92bb8
	Katrich, V.A., Nesterenko, M.V. , Khizhnyak, N.A.	Asymptotic solution of integral equation for magnetic current in slot radiators and coupling apertures (2005) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 63 (2), pp. 89-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747041598&doi=10.1615%2FTelecomRadEng.v63.i2.10&partnerID=40&md5=0b36adbc9eca2d9f33a09127f0b251a8
	Berdnik, S.L., Katrich, V.A., Kiiko, V.I., Nesterenko, M.V.	Electrodynamic characteristics of the nonresonant system of transverse slots in the wide wall of a rectangular waveguide (2005) Radioelectronics and Communications Systems, 48 (1), pp. 52-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644513733&partnerID=40&md5=d4573a6314bebb06ceec99afa5ac127e
	Nesterenko, M.V. , Katrich, V.A., Dakhov, V.M.	The near zone fields and polarization characteristics of crossed impedance vibrators over perfect conducting plane (2005) Proceedings of Xth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2005, 2005, art. no. 1564573, pp. 97-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846312175&partnerID=40&md5=349a1e6770df7c3a2d0a5201ead8fe9f
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Near field of non-resonant system of transverse slots in rectangular waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 1, art. no. 1564943, pp. 364-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846297027&doi=10.1109%2FCRIMICO.2005.1564943&partnerID=40&md5=62922addbab43a496d910f35b9e4d2d
	Dumin, A.N., Dumina, O.A., Katrich, V.A., Nesterenko, M.V.	Method of induced magnetomotive forces in comparison with FDTD simulation in problems of waveguide coupling by a narrow slot (2004) DIPED-2004: Proceedings of the 9th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645145802&partnerID=40&md5=2e48f5c02263efa847c4e934f72d863c
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Analysis of electrically long longitudinal slots system in broad wall of rectangular waveguide (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 381-382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644384548&partnerID=40&md5=84920290474a23cad9ce95d2fb094291
	Nesterenko, M.V. , Katrich, V.A., Penkin, Yu.M.	Scattering of electromagnetic waves on stepped junction of two rectangular waveguides with slot impedance iris (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 713-715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544302225&partnerID=40&md5=7d57ddaccd75b952129a6b1a18d693d0
	Nesterenko, M.V. , Katrich, V.A.	Method of induced magnetomotive forces for resonator-slot radiators and coupling holes (2004) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 47 (1), pp. 12-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542426440&partnerID=40&md5=52ede9021da7cf912fe81e7196b45b
	Nesterenko, M.V. , Penkin, Yu.M.	Diffraction radiation from a slot in the impedance end of a semi-infinite rectangular waveguide (2004) Izvestiya Vysshikh Uchebnykh Zavedenij. Radiofizika, 47 (7), pp. 549-561.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644235063&partnerID=40&md5=dd6575f70a99af19a1107a8f64945a2c
	Katrich, V.A., Nesterenko, M.V. , Yatsuk, L.P.	Induced magnetomotive forces method for the analysis of radiating and coupling slots in waveguides (2003) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 4, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042471707&partnerID=40&md5=4dfd4983309b443c10b595d120d8c35a
	Nesterenko, M.V. , Katrich, V.A.	Asymptotic solution of integral equation into a problem of coupling between waveguides through narrow slots (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239206, pp. 280-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946137413&doi=10.1109%2FICATT.2003.1239206&partnerID=40&md5=b726d569b75051599f89d802cfc8ae35
	Nesterenko, M.V. , Penkin, Yu.M., Katrich, V.A.	Radiating impedance end face of rectangular waveguide (2003) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2003-January, art. no. 1249805, pp. 90-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948688539&partnerID=40&md5=3b6c755066ddcf71d99f3f19e24663d
	Katrich, V.A., Nesterenko, M.V.	Power characteristics of electrically long longitudinal slots in rectangular waveguides (2002) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 58 (11-12), pp. 37-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751194440&partnerID=40&md5=4d0c33ac5ecf7f0f0536227b6187e21b
	Katrich, V.A., Nesterenko, M.V. , Yatsuk, L.P., Berdnik, S.L.	Method of induced magnetomotive forces for electrically long slots in waveguide walls (2002) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 45 (12), pp. 14-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036991803&partnerID=40&md5=0a62690b3149bf672abbe55075b1513
	Gorobets, N.N., Katrich, V.A., Nesterenko, M.V. , Popov, V.S.	Near field distribution of thin impedance vibrators in absorbing medium (2002) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2002-January, art. no. 1049172, pp. 46-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948970627&doi=10.1109%2FDIPED.2002.1049172&partnerID=40&md5=6f06082207dc5d7f6982403f2d1beba
	Katrich, V.A., Kiyko, V.I., Nesterenko, M.V. , Yatsuk, L.P.	Basis functions in the analysis of electrically long slots in rectangular waveguide with the induced magnetomotive forces method (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106899, pp. 328-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948993827&doi=10.1109%2FMMET.2002.1106899&partnerID=40&md5=4984ae28984b5f1464cd296850718006
	Gorobets, N.N., Katrich, V.A., Nesterenko, M.V.	Penetration of electromagnetic waves through dielectric layer with non-homogeneous parameters (2001) Proceedings of 6th International Seminar/Workshop on: Direct and Inverse problems of Electromagnetic and Acoustic Wave Theory, pp. 73-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035791711&partnerID=40&md5=11c49ed791381e82fbeca9ef135c376b
	Arora, A., Nesterenko, M.	Unifying stabilization and termination in message-passing systems (2001) Proceedings - International Conference on Distributed Computing Systems, pp. 99-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035013171&partnerID=40&md5=e6ae8b718d1757b47f886560d3154495
	Gorobets, N.N., Nesterenko, M.V. , Popov, V.S.	Distribution of microwave power absorbed in non-homogeneous timber layer (2001) CriMiCo 2001 - 11th International Conference, art. no. 1174008, pp. 668-670.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956665170&partnerID=40&md5=00808be85f334c168bee824dfc54f4f
	Mizuno, M., Nesterenko, M.	A transformation of self-stabilizing serial model programs for asynchronous parallel computing environments (1998) Information Processing Letters, 66 (6), pp. 285-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002871770&partnerID=40&md5=e2f9b2eae873e5d2192786fa8821000b6
	Mizuno, Masaaki, Nesterenko, Mikhail , Kakugawa, Hirotosugu	Lock-based self-stabilizing distributed mutual exclusion algorithms (1996) Proceedings - International Conference on Distributed Computing Systems, pp. 708-716.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029700759&partnerID=40&md5=28ad473242149468db0e72bf50bd06
	Gorobets, N.N., Nesterenko, M.V. , Petlenko, V.A., Pchel'nikov, A.Ya.	Radiation pattern of a rectangular microstrip antenna and an array of passive dipoles (1991) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 46 (12), pp. 79-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026284282&partnerID=40&md5=34b08abad16b8c2d076813eac99ce15
	Gorobets, N.N., Nesterenko, M.V. , Petlenko, V.A., Pchel'nikov, A.Ya.	Directional pattern of rectangular microstrip antenna and array of passive dipoles (1991) Radiotekhnika, (11), p. 75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026252753&partnerID=40&md5=d35bf98e68640235764ec5e7c5db7b0
	Seryanov, Yu.V., Nesterenko, M.V.	Laser-stimulated electrodeposition of Ni on Cu from sulphate electrolyte (1991) Zashchita Metallov, 27 (5), pp. 853-855.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026224037&partnerID=40&md5=4d0fe53d0cb3aa9c46c56d2d051486d6
	Nesterenko, M.V. , Seryanov, Yu.V.	Laser-stimulated electrodeposition of zinc (1991) Protection of Metals (English translation of Zashchita Metallov), 26 (4), pp. 526-528.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026120167&partnerID=40&md5=6e90e1f757ce69a40c8d1c16efb8ea3e

	Nesterenko, M.V., Shatalov, A.G., Khorkov, E.I., Belyanin, E.K., Shemyakin, M.F.	Isolation of monospecific antibodies to wheat (<i>Triticum aestivum</i>) seed prolamine subfractions (1990) <i>Biokhimiya</i> , 55 (12), pp. 2274-2280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025673914&partnerID=40&md5=e36058dc221e7fd3ca10bf6158f09921
	Gurobets, N.N., Nesterenko, M.V., Petlenko, V.A.	Resonance characteristics of thin impedance dipoles in a cutoff rectangular waveguide (1990) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 45 (4), pp. 110-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025405948&partnerID=40&md5=1f546ffbd215718772577c5a59234d3
	Seryanov, Yu.V., Kalmykov, A.V., Nesterenko, M.V., Raigorodskii, V.M.	Laser stimulated electrodeposition of tin on copper in an alkaline stannate electrolyte (1989) <i>Protection of Metals</i> (English translation of <i>Zashchita Metallov</i>), 24 (6), pp. 814-816.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024703079&partnerID=40&md5=ec8a116823b730c8df339b18461e6b93
	Seryanov, Yu.V., Nesterenko, M.V.	EFFECT OF ULTRASOUND ON COBALT PHOSPHATION. (1987) <i>Protection of Metals</i> (English translation of <i>Zashchita Metallov</i>), 23 (4), pp. 518-520.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023381673&partnerID=40&md5=d008297509c0390a664ca5aebd2ed4fe
	Petlenko, V.A., Nesterenko, M.V.	Current distribution and resonance of rod conductors in a rectangular waveguide (1984) <i>Radiophysics and Quantum Electronics</i> , 27 (3), pp. 236-241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021386639&doi=10.1007%2FBF01035044&partnerID=40&md5=3b528450e46fcc257582b1a82e153020
	Gorobets, N.N., Nesterenko, M.V., Petlenko, V.A., Zhizhnyak, N.A.	THIN IMPEDANCE DIPOLE IN RECTANGULAR WAVEGUIDE. (1984) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 38-39 (1), pp. 131-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021152395&partnerID=40&md5=7fc52861b2d40f9da2933e435619de9b
33	Gurin, O.V., Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A., Ryabikh, V.N., Senyuta, V.S., Topkov, A.N.	Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror (2017) <i>Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL</i> , art. no. 7851440, pp. 235-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015289407&doi=10.1109%2FICAO.2016.7851440&partnerID=40&md5=eb7cdae7aea357e237f446b801faef7
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Propagation and focusing of modes of dielectric resonators of terahertz range lasers (2015) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 74 (7), pp. 629-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941648042&doi=10.1615%2FTelecomRadEng.v74.i7.60&partnerID=40&md5=b08b1848801e9065b971d1007b9f670c
	Gurin, O.V., Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser (2014) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 73 (20), pp. 1819-1830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918513385&partnerID=40&md5=8f8f8ed988dca0d233782eaf4b3c1896
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N., Khardikov, V.V.	The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators (2014) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 73 (14), pp. 1229-1239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906053308&doi=10.1615%2FTelecomRadEng.v73.i14.20&partnerID=40&md5=e433302827c07e9fd542759df4cbe7a
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Propagation and focusing of modes of the dielectric resonator of terahertz laser (2014) <i>Proceedings - 2014 International Conference Laser Optics, LO 2014</i> , art. no. 6886325, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906979449&doi=10.1109%2FL.O.2014.6886325&partnerID=40&md5=bca38b0ae764cd373d284e183c57b9d
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser (2013) <i>Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013</i> , art. no. 6622183, pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888606474&doi=10.1109%2FMSMW.2013.6622183&partnerID=40&md5=a81c8b055be670395d157b87a3966847
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N., Ruban, T.F.	Formation of a quasi-uniform output beam in the waveguide CO ₂ laser (2013) <i>Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL</i> , art. no. 6657564, pp. 160-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893764949&doi=10.1109%2FICAO.2013.6657564&partnerID=40&md5=c394a230c4c9ebc91a55f36fa114009
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Radiation characteristics of the metal waveguide resonator with a inclined mirror (2013) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 72 (14), pp. 1349-1359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883219791&doi=10.1615%2FTelecomRadEng.v72.i14.70&partnerID=40&md5=86be38997b390d770ce5a8de7b3e1e
	Vlasenko, S.A., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide CO ₂ laser with a quasi-homogeneous distribution of the output radiation intensity (2013) <i>Quantum Electronics</i> , 43 (5), pp. 472-476.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878878800&doi=10.1070%2FQE2013v043n05ABEH014988&partnerID=40&md5=f4280bbbae8a5ce5e3f793ea9867e683
	Gurin, O.V., Degtyarev, A.V., Khardikov, V.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range (2012) <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i> , art. no. 6331253, pp. 312-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870788318&doi=10.1109%2FMMET.2012.6331253&partnerID=40&md5=ec788de10ed4a829ba9d72e722ba0dce
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Metallic waveguide cavity with a spherical mirror (2011) <i>Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011</i> , art. no. 6145046, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857508373&doi=10.1109%2FLFN.2011.6145046&partnerID=40&md5=54930f9f5d40df3dd5f2c864828ba00
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Transmission characteristics of metal circular waveguides in terahertz range (2011) <i>CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6069179, pp. 850-851.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142317&partnerID=40&md5=249e6d9205d770ffc0f4608d32472722
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Transmission characteristics of circular metallic waveguides for terahertz radiation (2011) <i>Quantum Electronics</i> , 41 (9), pp. 853-857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054700792&doi=10.1070%2FQE2011v041n09ABEH014634&partnerID=40&md5=8dc7d0b73223485d24aa3f479b0c596d
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Calculation of transmitted characteristics for metal waveguides in terahertz range (2010) <i>2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010</i> , art. no. 5546044, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957347755&doi=10.1109%2FMSMW.2010.5546044&partnerID=40&md5=964cca2f1d2d47d5d866f173fe9aa8f
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Selection of the higher transverse modes of a waveguide quasi-optical resonator (2010) <i>Quantum Electronics</i> , 40 (1), pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950360990&doi=10.1070%2FQE2010v040n01ABEH014142&partnerID=40&md5=fbd5fc0b6b02cc392b9887ac5b2784b3
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V., Topkov, A.N., Ruban, T.P.	Metal waveguide resonator with a tilted mirror (2010) <i>Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010</i> , art. no. 5634222, pp. 169-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650335164&doi=10.1109%2FICAO.2010.5634222&partnerID=40&md5=ebc15f5fc99b4d6e3f83a70dbd242443
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of quasi-homogeneous output oscillation in the waveguide metal rectangular resonator with a heterogeneous mirror (2010) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 69 (14), pp. 1285-1292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915733389&partnerID=40&md5=cc04d5a1e46cb5896b81b415140c71e3
	Vorobyev, A.Y., Topkov, A.N., Gurin, O.V., Svich, V.A., Guo, C.	Enhanced absorption of metals over ultrabroad electromagnetic spectrum (2009) <i>Applied Physics Letters</i> , 95 (12), art. no. 121106, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349690184&doi=10.1063%2F1.3227668&partnerID=40&md5=325515dc039ac888041af7e02b6c6519
	Vorobyev, A.Y., Topkov, A.N., Gurin, O.V., Svich, V.A., Guo, C.	Enhanced THz absorptance of metal surfaces structured with femtosecond laser (2008) <i>Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers</i> , art. no. 4671991, pp. 416-418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849113333&doi=10.1109%2FICAO.2008.4671991&partnerID=40&md5=1bef2188f176b27f785bba8667c64dc
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Selection of the high-order modes in the waveguide resonator by means a phase-shifting mirror (2008) <i>Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers</i> , art. no. 4671990, pp. 297-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849091387&doi=10.1109%2FICAO.2008.4671990&partnerID=40&md5=30c02ef78c75a238ae1b25592eb97a1e
	Volodenko, A.V., Degtyarev, A.V., Maslov, V.A., Ruban, T.F., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution of radiation in a waveguide rectangular resonator with a nonuniform mirror (2008) <i>2008 International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2008</i> , art. no. 4670385, pp. 123-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649201638&doi=10.1109%2FLFN.2008.4670385&partnerID=40&md5=26cddde0bab88183ad80fb93caa8392d
	Svich, V.A., Topkov, A.N., Maslov, V.A., Gurin, O.V.	Forming of a beam with a uniform intensity distribution in the active resonator of waveguide CO ₂ -laser (2008) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 67 (4), pp. 343-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43449140027&doi=10.1615%2FTelecomRadEng.v67.i4.70&partnerID=40&md5=c0333b69751555505840cee282986f2c

Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of uniform field distributions in a quasi-optical waveguide resonator containing a spherical convex reflector (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (11), pp. 1013-1021.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149037026&doi=10.1615%2FTelecomRadEng.v66.i11.60&partnerID=40&md5=bb969bcd9614834101bd63b99749431a
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide quasi-optical resonator with the spherical convex reflector for formation of the uniform output beam (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294612, pp. 213-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249100310&doi=10.1109%2FMSMW.2007.4294612&partnerID=40&md5=7dd821cadcad40a6154f764adff6754
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Selective excitation of the high-order modes in the waveguide quasioptical resonator (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294613, pp. 216-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249084778&doi=10.1109%2FMSMW.2007.4294613&partnerID=40&md5=7ec26a6f03ac6684dc3f7e4ff484b06
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of a non-Gaussian intensity profile in a waveguide quasi-optical resonator with an aspherical reflector (2007) Quantum Electronics, 37 (11), pp. 1065-1070.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39749108846&doi=10.1070%2FQE2007v037n11ABEH013595&partnerID=40&md5=682273d4313e2452d17dbda6b93ee744
Volodenko, A.V., Gurin, O.V., Dyagterev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide submillimeter laser with a uniform output beam (2007) Quantum Electronics, 37 (1), pp. 63-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147204381&doi=10.1070%2FQE2007v037n01ABEH013295&partnerID=40&md5=811549f7b7f5f6aed478d66f20cbbec
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of the uniform field in the waveguide quasi-optical resonator with the spherical convex reflector (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018242, pp. 206-211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250831088&doi=10.1109%2FLFN.2006.252023&partnerID=40&md5=f4367576f5a44505ae92b60da5b43422
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Transmission and self-imaging of submillimeter laser beams in rectangular metal waveguides (2006) Quantum Electronics, 36 (2), pp. 149-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646416523&doi=10.1070%2FQE2006v036n02ABEH013116&partnerID=40&md5=d22efc8d5f71811522ba7e72595cc0e3
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N., Ruban, T.F.	Propagation of submillimeter laser beams along hollow oversized waveguides (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, art. no. 1553864, pp. 210-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483118&doi=10.1109%2FCAOL.2005.1553864&partnerID=40&md5=a2fac94f4787150ce4a1c0a8d12855cb
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Kvantovaya Elektronika, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24044505319&partnerID=40&md5=04259715c89d3b678e20de4a1eda3d08
Voitsenya, V.S., Donn��, A.J.H., Bardamid, A.F., Belyaeva, A.I., Berezhnyj, V.L., Galuza, A.A., Gil, Ch., Kononov, V.G., Lipa, M., Malaquais, A., Naidenkova, D.I., Ryzhkov, V.I., Schunke, B., Solodovchenko, S.I., Topkov, A.N.	Simulation of environment effects on retroreflectors in ITER (2005) Review of Scientific Instruments, 76 (8), art. no. 083502, pp. 1-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26444598983&doi=10.1063%2F1.2001627&partnerID=40&md5=ed05895facfab5156c21fc5d69dde9d3
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Quantum Electronics, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18944381444&doi=10.1070%2FQE2005v035n02ABEH002639&partnerID=40&md5=0e388e768390f589ba31782caf05ab50
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Transmission of submillimeter laser beams through metal rectangular waveguides (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244467923&partnerID=40&md5=2e457efc3d0577c9b0170ed11f097ca0
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Transmission of submillimeter beams through oversized hollow waveguides (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 420-421.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644362315&partnerID=40&md5=3d9a801400fb59ca5f0484c36b473252
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Transmission of laser beams through hollow metal waveguides (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 692-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544295377&partnerID=40&md5=4859cf7343f2c3509abb206bfc36d198
Gurin, O.V., Maslov, V.A., Svich, V.A., Topkov, A.N., Fursova, Y.V.	Formation of a beam with a uniform intensity distribution of radiation in a waveguide quasi-optical resonator with an amplitude-stepped mirror (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 59 (7-9), pp. 159-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949929193&partnerID=40&md5=e6b37ac1add1d1e7526eb8d841b3a3f3
Gurin, O.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide CW CO ₂ -laser with a uniform output beam (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, art. no. 1250534, pp. 140-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147202519&doi=10.1109%2FCAOL.2003.1250534&partnerID=40&md5=af98bce826a9967ff4fc59d32fd17143
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Waveguide submillimeter laser with mode selector (2003) Proceedings of LFNM 2003 - 5th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1246075, pp. 65-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946151937&doi=10.1109%2FLFN.2003.1246075&partnerID=40&md5=31a5579461a5dffb31e1d9f18895c205
Gurin, O.V., Maslov, V.A., Svich, V.A., Topkov, A.N., Fursova, Ye.V.	A resonator for selection and shaping of the fourier mode with a uniform field amplitude profile (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (10-11), pp. 141-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751186902&partnerID=40&md5=95224f1b3f3c5640b67e879d30db8949
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	A waveguide submillimeter laser with mode selector (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (11-12), pp. 108-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751169148&partnerID=40&md5=7c80eb90eeaa04d3b84fe06791ea497c
Gurin, O.V., Fursova, E.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide quasi-optical resonator for shaping uniform field (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014098, pp. 34-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945128701&doi=10.1109%2FLFN.2002.1014098&partnerID=40&md5=1ea0a19de41c20165adca94b62dcb714
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Quasioptical laser resonator on the basis of a metal waveguide with coupling holes in mirrors (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014112, pp. 72-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961877298&doi=10.1109%2FLFN.2002.1014112&partnerID=40&md5=a0555c6940389cb2dfe79cb9a700219
Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of uniform intensity distribution in a cw CO ₂ laser with a phase-stepped mirror (2001) Kvantovaya Elektronika, 31 (6), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035770144&partnerID=40&md5=3d13805d645378e730d52fd7a3c751c8
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Savich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser resonators containing wave-guide and open sections (2001) Kvantovaya Elektronika, 31 (4), pp. 346-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035766743&partnerID=40&md5=e395309a999fbc2f8c0e360ad320f4
Gurin, O.V., Yepishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a uniform intensity distribution in a cw CO ₂ laser with a phase-stepped mirror (2001) Quantum Electronics, 31 (6), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035373909&doi=10.1070%2FQE2001v031n06ABEH001998&partnerID=40&md5=569ba10d525dc7c049fe0e7440ee613e
Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser cavities containing waveguides and open parts (2001) Quantum Electronics, 31 (4), pp. 346-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035315736&doi=10.1070%2FQE2001v031n04ABEH001949&partnerID=40&md5=e6bcd6e1ade91f8c59356dclc9443663
Gurin, O.V., Fursova, E.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Undistorted transmission of radiation beams in form of sombrero and super-gaussian functions along hollow-core dielectric waveguides (2001) Proceedings of LFNM 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 930215, pp. 93-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963831356&doi=10.1109%2FLFN.2001.930215&partnerID=40&md5=080380f70570a51b05dc50d40e6e528a

	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Heterodyne interferometer on the basis of the ring submillimeter laser with bidirectional optical pumping (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947342, pp. 876-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966534395&doi=10.1109%2FMSMW.2001.947342&partnerID=40&md5=269825e68d6f8eaa5b31b97728bcbfca7
	Tkachenko, V.M., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Mode selection in laser resonators containing waveguide and open sections (2000) Proceedings of LFNM 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 854032, pp. 26-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960341439&doi=10.1109%2FLFNM.2000.854032&partnerID=40&md5=1d213acbf86c71317cac2f6b3d8fca7
	Gurin, O.V., Maslov, V.A., Militinsky, I.M., Svich, V.A., Topkov, A.N.	Formation of beams with uniform field distribution in a generalized confocal open resonator with a graded-phase mirror (1999) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 53 (6), pp. 65-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844526386&partnerID=40&md5=7eb844b57ba8cf61917d87475d62687b
	Gurin, O.V., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of beams with uniform intensity profile in laser cavities (1998) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 52 (11), pp. 77-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144462667&partnerID=40&md5=2a910b2c6b7981512a9720a305229e80
	Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution in a CO2 laser with a composite cavity (1998) Kvantovaya Elektronika, 25 (5), p. 428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747261536&partnerID=40&md5=eaeef152b1917715f764df646c575f
	Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution in a CO2 laser with a generalised confocal cavity (1998) Quantum Electronics, 28 (5), pp. 411-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040579394&doi=10.1070%2FQE1998v02n05ABEH001238&partnerID=40&md5=e6752a8c0274257938549468e15389f
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Optimisation of a metal waveguide cavity for a submillimetre laser (1997) Kvantovaya Elektronika, 24 (1), p. 36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747585841&partnerID=40&md5=b7a493e91e741dbad11364802f7ad033
	Voitsenya, V.S., Berezhnij, V.L., Chebotarev, V.V., Chugunov, O.K., Fomin, I.P., Garkusha, I.E., Ocheretenko, V.L., Orlinskij, D.V., Pavlichenko, R.O., Skibenko, A.I., Skosyrev, Yu.V., Solyakov, D.G., Tereshin, V.I., Topkov, A.N.	On the possibility of using carbon-graphite materials for the inner elements of millimetre and sub-millimetre diagnostics of a fusion plasma (1997) Fusion Engineering and Design, 34-35, pp. 491-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031096432&partnerID=40&md5=0f252f72ad0d66b8c4167478bfc6e356e
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Optimisation of a metal waveguide cavity for a submillimetre laser (1997) Quantum Electronics, 27 (1), pp. 31-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031501694&doi=10.1070%2FQE1997v02n01ABEH000800&partnerID=40&md5=ca35df8a4c87f888760fd2cdd28fb053
	Berezhnov, V.L., Voitsenya, V.S., Ocheretenko, V.L., Shtan, A.P., Tkachenko, V.M., Topkov, A.N.	Carbon-graphite elements of submillimeter diagnostics of a high temperature plasma (1996) Plasma Devices and Operations, 5 (1), pp. 59-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030399791&partnerID=40&md5=22265c880a9114ca74bef2b765dc96d8
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Output coupling hole optimization of the waveguide submillimeter laser (1996) Conference on Lasers and Electro-Optics Europe - Technical Digest, p. 269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029765227&partnerID=40&md5=9be254027c4564eda7b599d0d8384177
	Yepishin, V.A., Maslov, V.A., Militinskiy, I.M., Svich, V.A., Topkov, A.N.	Modified grating resonator with uniform output beam (1996) Conference on Lasers and Electro-Optics Europe - Technical Digest, p. 168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029746792&partnerID=40&md5=9b65fd02f6aa6cc5b3776e2ef5935e5
	Yepishin, V.A., Maslov, V.A., Militinskiy, I.M., Svich, V.A., Topkov, A.N.	Fourier-mode of open resonator with uniform amplitude on one reflector (1996) Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, p. 162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029712460&partnerID=40&md5=e361539c8b7ca8e58175c89b83c84b39
	Epishin, V.A., Maslov, V.A., Tkachenko, V.M., Topkov, A.N. , Yundev, D.N.	Compact far infrared laser system (1994) Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting, 8, pp. 348-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028135991&partnerID=40&md5=1e51b9e53c9aa7f58b11a71178f9d29
	Yepishin, V.A., Maslov, V.A., Ryabykh, V.N., Svich, V.A., Topkov, A.N.	Undistorted transmission of a beam of radiation along a channel-in-a-dielectric waveguide (1988) Soviet journal of communications technology & electronics, 33 (9), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024079218&partnerID=40&md5=58487845bbc6a6792056c40ac774a77
	Ryabykh, V.N., Svich, V.A., Topkov, A.N.	INVESTIGATION OF A TUNABLE CO/2 LASER EXCITED BY A TRANSVERSE hf DISCHARGE. (1984) Soviet journal of quantum electronics, 14 (8), pp. 1108-1110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021473614&partnerID=40&md5=6cec9e08bf8f75264075a17a3a89b8e5
	Epishin, V.A., Pokorkyakho, N.G., Svich, V.A., Topkov, A.N. , Urinson, A.S., Yundev, D.N.	SUBMILLIMETER WAVEGUIDE LASER INTERFEROMETER FOR PLASMA DIAGNOSTICS. (1981) Instruments and experimental techniques New York, 24 (1 pt 2), pp. 155-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019343171&partnerID=40&md5=f06a7567ad73826bd843fec127c1ab8
	Topkov, A.N. , Svich, V.A., Pokormyakho, N.G.	STABILIZED HCN LASER WITH hf PUMPING. (1980) Instruments and experimental techniques New York, 23 (6 pt 2), pp. 1479-1481.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019078336&partnerID=40&md5=838cf1e9d7cbe4ad7d4856fd3689c2f5
33	Belskaya, I.N. , Fornasier, S., Tozzi, G.P., Gil-Hutton, R., Cellino, A., Antonyuk, K., Krugly, Y.N., Dovgopol, A.N., Faggi, S.	Refining the asteroid taxonomy by polarimetric observations (2017) Icarus, 284, pp. 30-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994798384&doi=10.1016%2Fj.icarus.2016.11.003&partnerID=40&md5=75c05d182b9ce269ae4d8f01e4cb84a5
	Perna, D., Hromakina, T., Merlin, F., Ieva, S., Fornasier, S., Belskaya, I. , Mazzotta Epifani, E.	The very homogeneous surface of the dwarf planet Makemake (2017) Monthly Notices of the Royal Astronomical Society, 466 (3), pp. 3594-3599.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018262173&doi=10.1093%2Fmnras%2Fstwr3272&partnerID=40&md5=f03e7d488b68a051a6923879e502d597
	Feller, C., Fornasier, S., Hasselmann, P.H., Barucci, A., Preusker, F., Scholten, F., Jorda, L., Pommerol, A., Jost, B., Poch, O., ElMaary, M.R., Thomas, N., Belskaya, I. , Pajola, M., Sierks, H., Barbieri, C., Lamy, P.L., Koschny, D., Rickman, H., Rodrigo, R., Agarwa, J., A'Hearn, M., Bertaux, J.-L., Bertini, I., Boudreault, S., Cremonese, G., Da Deppo, V., Davidsson, B.J.R., Debei, S., De Cecco, M., Deller, J., Fulle, M., Giquel, A., Groussin, O., Gutierrez, P.J., Guttler, C., Hofmann, M., Hviid, S.F., Keller, H., Ip, W.-H., Knollenberg, J., Kovacs, G., Kramm, J.-R., Kuhr, E., Kuppers, M., Lara, M.L., Lazzarin, M., Leyrat, C., Lopez Moreno, J.J., Marzari, F., Masoumzadeh, N., Mottola, S., Naletto, G., Perna, D., Oklay, N., Shi, X., Tubiana, C., Vincent, J.-B.	Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations (2016) Monthly Notices of the Royal Astronomical Society, 462, pp. S287-S303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015836507&doi=10.1093%2Fmnras%2Fstwr2511&partnerID=40&md5=975703ab7a3f4cb1bb84ad68d725ef5
	Shevchenko, V.G., Belskaya, I.N. , Muinonen, K., Penttilä, A., Krugly, Y.N., Velichko, F.P., Chiorny, V.G., Slysarev, I.G., Gaftonyuk, N.M., Tereschenko, I.A.	Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system (2016) Planetary and Space Science, 123, pp. 101-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960269613&doi=10.1016%2Fj.pss.2015.11.007&partnerID=40&md5=54a1007c563c67befb5dfbbe87a814141
	Bagnulo, S., Belskaya, I. , Stinson, A., Christou, A., Borisov, G.B.	Broadband linear polarization of Jupiter Trojans (2016) Astronomy and Astrophysics, 585, art. no. A122, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954186950&doi=10.1051%2F0004-6361%2F201526889&partnerID=40&md5=b6da3f5e240fcd38d505d4475d32f7a
	Cellino, A., Ammannito, E., Bagnulo, S., Belskaya, I.N. , Gil-Hutton, R., Tanga, P., Tedesco, E.F.	Recent advances in asteroid polarimetry (2016) Memorie della Societa Astronomica Italiana - Journal of the Italian Astronomical Society, 87 (1), pp. 93-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016178846&partnerID=40&md5=87c3d7a2261f6f59d49609bf26a0f20

	Cellino, A., Ammannito, E., Magni, G., Gil-Hutton, R., Tedesco, E.F., Belskaya, I.N. , De Sanctis, M.C., Schröder, S., Preusker, F., Manara, A.	The dawn exploration of (4) Vesta as the 'ground truth' to interpret asteroid polarimetry (2016) Monthly Notices of the Royal Astronomical Society, 456 (1), pp. 248-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959574226&doi=10.1093/mnf/2f2stv2683&partnerID=40&md5=d8c7df4017fc5987b4e34138a7d623e4
	Belskaya, I.N. , Barucci, M.A., Fulchignoni, M., Dovgopoli, A.N.	Updated taxonomy of trans-neptunian objects and centaurs: Influence of albedo (2015) Icarus, 250, pp. 482-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921720611&doi=10.1016%2fj.icarus.2014.12.004&partnerID=40&md5=01c73b3ccd053f00024d36cfce74d6a8
	Fornasier, S., Belskaya, I.N. , Perna, D.	The potentially hazardous Asteroid (214869) 2007 PA8: An unweathered L chondrite analog surface (2015) Icarus, 250, pp. 280-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920274056&doi=10.1016%2fj.icarus.2014.12.015&partnerID=40&md5=2f9400ffb234307c182e44724e626da3
	Belskaya, I. , Bagnulo, S.	Transneptunian objects and centaurs (2015) Polarimetry of Stars and Planetary Systems, pp. 405-418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952902996&doi=10.1017%2fCBO9781107358249.023&partnerID=40&md5=e2d5b2106e76bf1781212f92e0c6c091
	Cellino, A., Gil-Hutton, R., Belskaya, I.	Asteroids (2015) Polarimetry of Stars and Planetary Systems, pp. 360-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952925974&doi=10.1017%2fCBO9781107358249.021&partnerID=40&md5=234d651a925a61510db105c93755816
	Bockelée-Morvan, D., Gil-Hutton, R., Cellino, A., Hestroffer, D., Belskaya, I.N. , Davidsson, B.J.R., Dotto, E., Fitzsimmons, A., Kawakita, H., Mothe-Diniz, T., Licandro, J., Wooden, D.H., Yano, H., Montmerle, T.	DIVISION III: COMMISSION 15: PHYSICAL STUDIES OF COMETS and MINOR PLANETS (2015) Proceedings of the International Astronomical Union, 10 (T28B), pp. 115-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939174718&doi=10.1017%2fS1743921315005554&partnerID=40&md5=36a4b48ef5ce15676039400420c757f
	Slyusarev, I.G., Belskaya, I.N.	Jupiter's Trojans: Physical properties and origin (2014) Solar System Research, 48 (2), pp. 139-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897062010&doi=10.1134%2fS0038094614020063&partnerID=40&md5=00c6c2f5b1336bf7209a22774c740b34
	Shevchenko, V.G., Slyusarev, I.G., Belskaya, I.N.	Revised albedos of Trojan asteroids (911) Agamemnon and (4709) Ennomos (2014) Meteoritics and Planetary Science, 49 (1), pp. 103-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892830864&doi=10.1111%2fmaps.12234&partnerID=40&md5=2b40371967199c8c41e89e3d1cfa1c9
	Trigo-Rodríguez, J.M., Moyano-Camero, C.E., Llorca, J., Fornasier, S., Barucci, M.A., Belskaya, I. , Martins, Z., Rivkin, A.S., Dotto, E., Madiedo, J.M., Alonso-Azcárate, J.	UV to far-IR reflectance spectra of carbonaceous chondrites - I. Implications for remote characterization of dark primitive asteroids targeted by sample-return missions (2013) Monthly Notices of the Royal Astronomical Society, 437 (1), art. no. stt1873, pp. 227-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890103985&doi=10.1093/mnf/2f2stv1873&partnerID=40&md5=848be0d29148459c09d398b9012a3c
	Belskaya, I.N. , Bagnulo, S., Stinson, A., Tozzi, G.P., Muinonen, K., Shkuratov, Y.G., Barucci, M.A., Fornasier, S.	Polarimetry of trans-neptunian objects (136472) Makemake and (90482) Orcus (2012) Astronomy and Astrophysics, 547, art. no. A101, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868628237&doi=10.1051%2f0004-6361%2f201220202&partnerID=40&md5=36427f5e82b35dec2035e6974fd00e14
	Barucci, M.A., Belskaya, I.N. , Fornasier, S., Fulchignoni, M., Clark, B.E., Coradini, A., Capaccioni, F., Dotto, E., Birlan, M., Leyrat, C., Sierks, H., Thomas, N., Vincent, J.B.	Overview of Lutetia's surface composition (2012) Planetary and Space Science, 66 (1), pp. 23-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861188872&doi=10.1016%2fj.pss.2011.11.009&partnerID=40&md5=db31e9ee4e3d44d6a9c3cfb85e9a827f
	Shevchenko, V.G., Belskaya, I.N. , Slyusarev, I.G., Krugly, Y., Chiorniy, V.G., Gaftonyuk, N.M., Donchev, Z., Ivanova, V., Ibrahimov, M.A., Ehgamberdiev, S., Molotov, I.E.	Opposition effect of Trojan asteroids (2012) Icarus, 217 (1), pp. 202-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82355186549&doi=10.1016%2fj.icarus.2011.11.001&partnerID=40&md5=2a1e0397d131b440f51a73812943dfe
	Bagnulo, S., Belskaya, I. , Boehnhardt, H., Kolokolova, L., Muinonen, K., Sterzik, M., Tozzi, G.-P.	Polarimetry of small bodies of the solar system with large telescopes (2011) Journal of Quantitative Spectroscopy and Radiative Transfer, 112 (13), pp. 2059-2067.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960896815&doi=10.1016%2fj.jqsrt.2011.05.004&partnerID=40&md5=bd49a8936eba36d5506e70288036cf14
	Barucci, M.A., Alvarez-Candal, A., Merlin, F., Belskaya, I.N. , de Bergh, C., Perna, D., DeMeo, F., Fornasier, S.	New insights on ices in Centaur and Transneptunian populations (2011) Icarus, 214 (1), pp. 297-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959566638&doi=10.1016%2fj.icarus.2011.04.019&partnerID=40&md5=805c16531006f62e3a7a9d81d8300486
	Belskaya, I.N. , Bagnulo, S., Barucci, M.A., Muinonen, K., Tozzi, G.P., Fornasier, S., Kolokolova, L.	Polarimetry of Centaurs (2060) Chiron, (5145) Pholus and (10199) Chariklo (2010) Icarus, 210 (1), pp. 472-479.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957266886&doi=10.1016%2fj.icarus.2010.06.005&partnerID=40&md5=9cc183116e5ce599e8d315f37c21acef
	Muinonen, K., Belskaya, I.N. , Cellino, A., Delbò, M., Levasseur-Regourd, A.-C., Penttillä, A., Tedesco, E.F.	A three-parameter magnitude phase function for asteroids (2010) Icarus, 209 (2), pp. 542-555.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956281839&doi=10.1016%2fj.icarus.2010.04.003&partnerID=40&md5=f196363293c0c9d8f0a7efc987feb02
	Leyrat, C., Fornasier, S., Barucci, A., Magrin, S., Lazzarin, M., Fulchignoni, M., Jorda, L., Belskaya, I. , Marchi, S., Barbieri, C., Keller, U., Sierks, H., Hviid, S.	Search for Steins' surface inhomogeneities from OSIRIS Rosetta images (2010) Planetary and Space Science, 58 (9), pp. 1097-1106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955711247&doi=10.1016%2fj.pss.2010.04.003&partnerID=40&md5=092c1543bd58a4d40677e60b9b5705e
	Belskaya, I.N. , Fornasier, S., Krugly, Yu.N., Shevchenko, V.G., Gaftonyuk, N.M., Barucci, M.A., Fulchignoni, M., Gil-Hutton, R.	Puzzling asteroid 21 Lutetia: Our knowledge prior to the Rosetta fly-by (2010) Astronomy and Astrophysics, 515 (4), art. no. A29, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953220233&doi=10.1051%2f0004-6361%2f2010113994&partnerID=40&md5=3e148169d7d5ceb35dc81f48b4299c30
	Muinonen, K., Penttillä, A., Cellino, A., Belskaya, I.N. , Delbò, M., Levasseur-Regourd, A.C., Tedesco, E.F.	Asteroid photometric and polarimetric phase curves: Joint linear-exponential modeling (2009) Meteoritics and Planetary Science, 44 (12), pp. 1937-1946.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950317477&doi=10.1111%2fj.1945-5100.2009.tb02003.x&partnerID=40&md5=21b16b29d3f003a279c7bf54c5a167e
	Belskaya, I.N. , Fornasier, S., Krugly, Y.N.	Polarimetry and BVRI photometry of the potentially hazardous near-Earth Asteroid (23187) 2000 PN9 (2009) Icarus, 201 (1), pp. 167-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63749121990&doi=10.1016%2fj.icarus.2008.12.026&partnerID=40&md5=cec447e0e5fd0b3bd5f0bc99d6eed809
	Dotto, E., Perna, D., Fornasier, S., Belskaya, I.N. , Barucci, M.A., Shevchenko, V.G., Krugly, Yu.N., Gaftonyuk, N.M., Tereschenko, I.A., Scipioni, F., De Luise, F.	Photometrie and spectroscopic investigation of 2867 Steins, target of the Rosetta mission Ground-based results prior to the Rosetta fly-by (2009) Astronomy and Astrophysics, 494 (3), pp. L29-L32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-60349089963&doi=10.1051%2f0004-6361%3a200811340&partnerID=40&md5=10a5913359e2803f8dbba3d02126b554
	Belskaya, I.N. , Levasseur-Regourd, A.-C., Cellino, A., Efimov, Y.S., Shakhovskoy, N.M., Hadamcik, E., Bendjoya, P.	Polarimetry of main belt asteroids: Wavelength dependence (2009) Icarus, 199 (1), pp. 97-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57549112039&doi=10.1016%2fj.icarus.2008.09.010&partnerID=40&md5=a373845aa46e8d4dca071f45013c94c8
	Bagnulo, S., Belskaya, I. , Muinonen, K., Tozzi, G.P., Barucci, M.A., Kolokolova, L., Fornasier, S.	Discovery of two distinct polarimetric behaviours of trans-Neptunian objects (2008) Astronomy and Astrophysics, 491 (2), pp. L33-L36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57049084738&doi=10.1051%2f0004-6361%3a200810938&partnerID=40&md5=a67afcd7e4b8938dcfc36310e71a31
	Shevchenko, V.G., Chiorniy, V.G., Gaftonyuk, N.M., Krugly, Y.N., Belskaya, I.N. , Tereschenko, I.A., Velichko, F.P.	Asteroid observations at low phase angles. III. Brightness behavior of dark asteroids (2008) Icarus, 196 (2), pp. 601-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47149088825&doi=10.1016%2fj.icarus.2008.03.015&partnerID=40&md5=304acedcfd51fda1499fb2f88d769a23
	Belskaya, I. , Bagnulo, S., Muinonen, K., Barucci, M.A., Tozzi, G.P., Fornasier, S., Kolokolova, L.	Polarimetry of the dwarf planet (136199) Eris (2008) Astronomy and Astrophysics, 479 (1), pp. 265-269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38849100302&doi=10.1051%2f0004-6361%3a20078241&partnerID=40&md5=0420b2b816f98c7ab84abce195aeed86

De Luise, F., Perna, D., Dotto, E., Fornasier, S., Belskaya, I.N. , Boattini, A., Valsecchi, G.B., Milani, A., Rossi, A., Lazzarin, M., Paolicchi, P., Fulchignoni, M.	Physical investigation of the potentially hazardous Asteroid (144898) 2004 VD17 (2007) Icarus, 191 (2), pp. 628-635.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35448945503&doi=10.1016%2Fj.icarus.2007.05.018&partnerID=40&md5=0c1a0e48b4e3a13be059c981b857147
Psarev, V., Ovcharenko, A., Shkuratov, Yu., Belskaya, I. , Videen, G.	Photometry of particulate surfaces at extremely small phase angles (2007) Journal of Quantitative Spectroscopy and Radiative Transfer, 106 (1-3), pp. 455-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247537904&doi=10.1016%2Fj.jqsrt.2007.01.028&partnerID=40&md5=b448b83bae1c1e39a23ed3a3de05f49f
Cellino, A., Di martino, M., Levasseur-Regourd, A.-C., Belskaya, I.N. , Bendjoya, P., Gil-Hutton, R.	Asteroid compositions: Some evidence from polarimetry (2007) Advances in Geosciences: Volume 7: Planetary Science (PS), pp. 21-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84967430770&doi=10.1142%2F6494-vol7&partnerID=40&md5=0a24659e47d5e09d835ac58cc0da8835
Belskaya, I.N. , Ortiz, J.L., Rousselot, P., Ivanova, V., Borisov, G., Shevchenko, V.G., Peixinho, N.	Low phase angle effects in photometry of trans-neptunian objects: 20000 Varuna and 19308 (1996 TO66) (2006) Icarus, 184 (1), pp. 277-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747182493&doi=10.1016%2Fj.icarus.2006.04.015&partnerID=40&md5=b4bc0fe111369e1eaaf5c27911fee7a
Fornasier, S., Belskaya, I.N. , Shkuratov, Yu.G., Pernechele, C., Barbieri, C., Giro, E., Navasardyan, H.	Polarimetric survey of asteroids with the Asiago telescope (2006) Astronomy and Astrophysics, 455 (1), pp. 371-377.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747455288&doi=10.1051%2F0004-6361%3a20064836&partnerID=40&md5=391c0cacd87398f37aa1e8fa99a2f670
Krugly, Yu.N., Gaftonyuk, N.M., Belskaya, I.N. , Chiorny, V.G., Shevchenko, V.G., Velichko, F.P., Lupishko, D.F., Konovalenko, A.A., Falkovich, I.S., Molotov, I.E.	Kharkiv study of near-Earth asteroids (2006) Proceedings of the International Astronomical Union, 2 (S236), pp. 385-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049002618&doi=10.1017%2FIS174392130700347X&partnerID=40&md5=57ae0d5476ed8ae9193c298f0d3f2f8e
Roques, F., Doressoundiram, A., Dhillon, V., Marsh, T., Bickerton, S., Kavelaars, J.J., Moncuquet, M., Auvergne, N., Belskaya, I. , Chevreton, M., Colas, F., Fernandez, A., Fitzsimmons, A., Lecacheux, J., Mousis, O., Pau, S., Peixinho, N., Tozzi, G.P.	Exploration of the kuiper belt by high-precision photometric stellar occultations: first results (2006) Astronomical Journal, 132 (2), pp. 819-822.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749024712&doi=10.1086%2F505623&partnerID=40&md5=abea84acf43a83472a934e952333de38
Bagnulo, S., Boehnhardt, H., Muinonen, K., Kolokolova, L., Belskaya, I. , Barucci, M.A.	Exploring the surface properties of transneptunian objects and Centaurs with polarimetric FORS1/VLT observations (2006) Astronomy and Astrophysics, 450 (3), pp. 1239-1248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646418694&doi=10.1051%2F0004-6361%3a20054518&partnerID=40&md5=36bf490cdbc6f022f469b25f0003f09
Fornasier, S., Belskaya, I. , Fulchignoni, M., Barucci, M.A., Barbieri, C.	First albedo determination of 2867 Steins, target of the Rosetta mission (2006) Astronomy and Astrophysics, 449 (2), pp. L9-L12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645661645&doi=10.1051%2F0004-6361%3a20064913&partnerID=40&md5=c7a72c882fbb9efbc893f7e4ca2089a5
Cellino, A., Belskaya, I.N. , Bendjoya, P.H., Di Martino, M., Gil-Hutton, R., Muinonen, K., Tedesco, E.F.	The strange polarimetric behavior of Asteroid (234) Barbara (2006) Icarus, 180 (2), pp. 565-567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30744473999&doi=10.1016%2Fj.icarus.2005.09.001&partnerID=40&md5=0b6ce467919e150ef52289c833c8e942
Cellino, A., Hutton, R.G., Di Martino, M., Bendjoya, Ph., Belskaya, I.N. , Tedesco, E.F.	Asteroid polarimetric observations using the Torino UBVRi photopolarimeter (2005) Icarus, 179 (2), pp. 304-324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28344439680&doi=10.1016%2Fj.icarus.2005.07.016&partnerID=40&md5=ac4bc401db47687d619d751566e2bb1
Belskaya, I.N. , Shkuratov, Yu.G., Efimov, Yu.S., Shakhovskoy, N.M., Gil-Hutton, R., Cellino, A., Zubko, E.S., Ovcharenko, A.A., Bondarenko, S.Yu., Shevchenko, V.G., Fornasier, S., Barbieri, C.	The F-type asteroids with small inversion angles of polarization (2005) Icarus, 178 (1), pp. 213-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27244451630&doi=10.1016%2Fj.icarus.2005.04.015&partnerID=40&md5=873e4a9de724714ea7b7ea53d495e8d1
Barucci, M.A., Belskaya, I.N. , Fulchignoni, M., Birlan, M.	Taxonomy of Centaurs and Trans-Neptunian objects (2005) Astronomical Journal, 130 (3), pp. 1291-1298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25844442408&doi=10.1086%2F431957&partnerID=40&md5=a1c683ebcaba428c56918ca09aaeced5
Barucci, M.A., Fulchignoni, M., Fornasier, S., Dotto, E., Vernazza, P., Birlan, M., Binzel, R.P., Carvano, J., Merlin, F., Barbieri, C., Belskaya, I.	Asteroid target selection for the new Rosetta mission baseline 21 Lutetia and 2867 Steins (2005) Astronomy and Astrophysics, 430 (1), pp. 313-317.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19944431422&doi=10.1051%2F0004-6361%3a20041505&partnerID=40&md5=8ae8b515e11448af48e7c79ab08aac53
Peixinho, N., Boehnhardt, H., Belskaya, I. , Doressoundiram, A., Barucci, M.A., Delsanti, A.	ESO large program on Centaurs and TNOs: Visible colors - Final results (2004) Icarus, 170 (1), pp. 153-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3142700634&doi=10.1016%2Fj.icarus.2004.03.004&partnerID=40&md5=b61cfade9157037538bca6ee3d6c0585
Birlan, M., Barucci, M.A., Vernazza, P., Fulchignoni, M., Binzel, R.P., Bus, S.J., Belskaya, I. , Fornasier, S.	Near-IR spectroscopy of asteroids 21 Lutetia, 89 Julia, 140 Siwa, 2181 Fogelin and 5480 (1989 YK8), potential targets for the Rosetta mission; remote observations campaign on IRTF (2004) New Astronomy, 9 (5), pp. 343-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842786584&doi=10.1016%2Fj.newast.2003.12.005&partnerID=40&md5=a200357d89be25daaf42e054859f7a20
Kaasalainen, M., Pravec, P., Krugly, Y.N., Šarounová, L., Torppa, J., Virtanen, J., Kaasalainen, S., Erikson, A., Nathues, A., Durech, J., Wolf, M., Lagerros, J.S.V., Lindgren, M., Lagerkvist, C.-I., Koff, R., Davies, J., Mann, R., Kušnirák, P., Gaftonyuk, N.M., Shevchenko, V.G., Chiorny, V.G., Belskaya, I.N.	Photometry and models of eight near-Earth asteroids (2004) Icarus, 167 (1), pp. 178-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642502482&doi=10.1016%2Fj.icarus.2003.09.012&partnerID=40&md5=867f466fc33a3e3da11485a07a64ba6
Belskaya, I.N. , Shevchenko, V.G., Kiselev, N.N., Krugly, Y.N., Shakhovskoy, N.M., Efimov, Y.S., Gaftonyuk, N.M., Cellino, A., Gil-Hutton, R.	Opposition polarimetry and photometry of S- and E-type asteroids (2003) Icarus, 166 (2), pp. 276-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037598479&doi=10.1016%2Fj.icarus.2003.09.005&partnerID=40&md5=654e4f1aab0da59b53c980a3fe72f73
Peixinho, N., Doressoundiram, A., Delsanti, A., Boehnhardt, H., Barucci, M.A., Belskaya, I.	Reopening the TNOs color controversy: Centaurs bimodality and TNOs unimodality (2003) Astronomy and Astrophysics, 410 (3), pp. L29-L32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242364770&doi=10.1051%2F0004-6361%3a20031420&partnerID=40&md5=4246e9ea5754b847fe152e3d41b4feff
Shevchenko, V.G., Krugly, Yu.N., Chiorny, V.G., Belskaya, I.N. , Gaftonyuk, N.M.	Rotation and photometric properties of E-type asteroids (2003) Planetary and Space Science, 51 (9-10), pp. 525-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037698168&doi=10.1016%2F0032-0633%2803%2900076-X&partnerID=40&md5=73acc305b5b219be3ad8c6ac9b4148d3
Belskaya, I.N. , Barucci, A.M., Shkuratov, Y.G.	Opposition effect of Kuiper Belt objects: Preliminary estimations (2003) Earth, Moon and Planets, 92 (1-4), pp. 201-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842537506&doi=10.1023%2FB%3aMOON.0000031938.00224.32&partnerID=40&md5=881a6bd328d7b30215f52058af419bf
Krugly, Yu.N., Belskaya, I.N. , Shevchenko, V.G., Chiorny, V.G., Velichko, F.P., Mottola, S., Erikson, A., Hahn, G., Nathues, A., Neukum, G., Gaftonyuk, N.M., Dotto, E.	The near-Earth objects follow-up program. IV. CCD photometry 1996-1999 (2002) Icarus, 158 (2), pp. 294-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036696762&doi=10.1006%2Ficars.2002.6884&partnerID=40&md5=efbf3250cf2b6b80c1d1489184707c4
Krugly, Yu.N., Belskaya, I.N. , Chiorny, V.G., Shevchenko, V.G., Gaftonyuk, N.M.	CCD photometry of near-earth asteroids in 2001 (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 903-906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664495&partnerID=40&md5=3825e108904a7a95db910622481c53c2
Belskaya, I.N. , Shevchenko, V.G., Efimov, Yu.S., Shakhovskoy, N.M., Shkuratov, Yu.G., Gaftonyuk, N.M., Gil-Hutton, R., Krugly, Yu.N., Chiorny, V.G.	Opposition polarimetry and photometry of the low albedo asteroid 419 Aurelia (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 489-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664681&partnerID=40&md5=b81c4cfac9f9ba0ef0506bf257d899

	Shevchenko, V.G., Belskaya, I.N. , Krugly, Yu.N., Chiomy, V.G., Gaftonyuk, N.M.	Asteroid observations at low phase angles. II. 5 Astraea, 75 Eurydike, 77 Frigga, 105 Artemis, 119 Althaea, 124 Alkeste, and 201 Penelope (2002) Icarus, 155 (2), pp. 365-374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036104776&doi=10.1006%2fcar.2001.6651&partnerID=40&md5=bdcc33c5e861f5993ed702a0f38121e74
	Belskaya, I.N. , Shevchenko, V.G.	Opposition Effect of Asteroids (2000) Icarus, 147 (1), pp. 94-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002873620&doi=10.1006%2fcar.2000.6410&partnerID=40&md5=2ae45a4d5929d142333b2b89339f7dc4
	Lagerkvist, C.-I., Belskaya, I. , Erikson, A., Shevchenko, V., Mottola, S., Chiorny, V., Magnusson, P., Nathues, A., Piironen, J.	Physical studies of asteroids: XXXIII. The spin rate of M-type asteroids (1998) Astronomy and Astrophysics Supplement Series, 131 (1), pp. 55-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2484443710&partnerID=40&md5=388f0249c2f55b58b917c0c5421ee89e
	Shevchenko, V.G., Belskaya, I.N. , Chiorny, V.G., Piironen, J., Erikson, A., Neukum, G., Mohamed, R.	Asteroid observations at low phase angles. I. 50 Virginia, 91 Aegina and 102 Miriam (1997) Planetary and Space Science, 45 (12), pp. 1615-1623.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000437121&partnerID=40&md5=581fcd564a113414d9ea7fc2bae0cb1
	Hahn, G., Mottola, S., Erikson, A., Harris, A.W., Neukum, G., Maury, A., Savalle, R., Scholl, H., Bijaoui, A., DiMartino, M., Barbieri, C., Lazzarin, M., Migliorini, F., Pravec, P., Wolf, M., Sarounova, L., Velichko, F.P., Krugly, Y.N., Belskaya, I.N. , Shevchenko, V.G.	The EUNEASO project: A European NEO Search, Follow-up, and Physical Observation Programme (1997) Annals of the New York Academy of Sciences, 822, pp. 27-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030790604&doi=10.1111%2fj.1749-6632.1997.tb48331.x&partnerID=40&md5=2b26bbf19e1326da2ffecafdf8f825390
	Belskaya, I.N. , Lupishko, D.F., Dovgopol, A.N.	Near-Earth asteroids: Surface structure and shapes (1996) Earth, Moon and Planets, 72 (1-3), pp. 215-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029776236&partnerID=40&md5=6355ba566dd981156eb167379768d33
	Belskaya, I.N. , Lagerkvist, C.-I.	Physical properties of M class asteroids (1996) Planetary and Space Science, 44 (8), pp. 783-794.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038826649&doi=10.1016%2f0032-0633%2b896%2b900021-9&partnerID=40&md5=5a652e9495f9e2058c2c80ee5c014e9
	Lupishko, D.F., Belskaya, I.N.	On the surface composition of the M-type asteroids (1989) Icarus, 78 (2), pp. 395-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040144726&doi=10.1016%2f0019-1035%2b889%2b900186-3&partnerID=40&md5=269030f8fb34909afa85a1e0056894ee
34	Kyrychenko, A. , Rodnin, M.V., Ghatak, C., Ladokhin, A.S.	Computational refinement of spectroscopic FRET measurements (2017) Data in Brief, 12, pp. 213-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017527688&doi=10.1016%2fj.dib.2017.03.041&partnerID=40&md5=eec92c073f8b938aef0054a36e65f155
	Kyrychenko, A. , Rodnin, M.V., Ghatak, C., Ladokhin, A.S.	Joint refinement of FRET measurements using spectroscopic and computational tools (2017) Analytical Biochemistry, 522, pp. 1-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010387172&doi=10.1016%2fj.ab.2017.01.011&partnerID=40&md5=af6ed587e0109c6390f268bfcd796c4
	Kyrychenko, A. , Pasko, D.A., Kalugin, O.N.	Poly(vinyl alcohol) as a water protecting agent for silver nanoparticles: The role of polymer size and structure (2017) Physical Chemistry Chemical Physics, 19 (13), pp. 8742-8756.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019903077&doi=10.1039%2fc6cp05562a&partnerID=40&md5=908a892c5a8249bc1489d7fcc3ce718e
	Rogov, A., Tishchenko, I., Joulaud, C., Pastushenko, A., Ryabchikov, Y., Kyrychenko, A. , Mishchuk, D., Kharin, A., Timoshenko, V., Mugnier, Y., Le Dantec, R., Geloën, A., Wolf, J.-P., Lysenko, V., Bonacina, L.	Nonlinear optical properties of silicon carbide (SiC) nanoparticles by carbothermal reduction (2016) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 9722, art. no. 972213, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982113327&doi=10.1117%2f12.2203133&partnerID=40&md5=a63291215023483138d4d64b04cfe0
	Kyrychenko, A.	Using fluorescence for studies of biological membranes: A review (2015) Methods and Applications in Fluorescence, 3 (4), art. no. 042003, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976562074&doi=10.1088%2f2050-6120%2f3%2f4%2f042003&partnerID=40&md5=83d5a1b4aed32c61ab83db4e6af76520
	Vargas-Urbe, M., Rodnin, M.V., Öjemalm, K., Holgado, A., Kyrychenko, A. , Nilsson, I.M., Posokhov, Y.O., Makhatadze, G., von Heijne, G., Ladokhin, A.S.	Thermodynamics of Membrane Insertion and Refolding of the Diphtheria Toxin T-Domain (2015) Journal of Membrane Biology, 248 (3), pp. 383-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933678537&doi=10.1007%2f00232-014-9734-0&partnerID=40&md5=e5a84b2f9663500b9d29d5a76e679ce71
	Kyrychenko, A. , Rodnin, M.V., Ladokhin, A.S.	Calibration of Distribution Analysis of the Depth of Membrane Penetration Using Simulations and Depth-Dependent Fluorescence Quenching (2015) Journal of Membrane Biology, 248 (3), pp. 583-594.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933673060&doi=10.1007%2f00232-014-9709-1&partnerID=40&md5=1889a3bf57ccbbe6f8a7a974797ca718
	Kyrychenko, A.	NANOGOLD decorated by pHILIP peptide: Comparative force field study (2015) Physical Chemistry Chemical Physics, 17 (19), pp. 12648-12660.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929191448&doi=10.1039%2fc5cp01136a&partnerID=40&md5=e394f714ad0ab0fc5767a7db5acbd521
	Lyapunov, A., Kirichenko, T., Kulygina, C., Zubatyuk, R., Fonari, M., Kyrychenko, A. , Doroshenko, A.	New fluorenononcrownophanes containing azobenzene: Synthesis, properties and interaction with paraquat (2015) Journal of Inclusion Phenomena and Macrocyclic Chemistry, 81 (3-4), pp. 499-508.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952776778&doi=10.1007%2fs10847-015-0484-0&partnerID=40&md5=36098a328ef469effd9f1d6eb3a8fc0f
	Kyrychenko, A. , Vasquez-Montes, V., Ulmschneider, M.B., Ladokhin, A.S.	Lipid headgroups modulate membrane insertion of pHILIP peptide (2015) Biophysical Journal, 108 (4), pp. 791-794.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923233952&doi=10.1016%2fj.bpj.2015.01.002&partnerID=40&md5=0b5a6002a724444e8831b7cca939766
	Kyrychenko, A. , Korsun, O.M., Gubin, I.I., Kovalenko, S.M., Kalugin, O.N.	Atomistic simulations of coating of silver nanoparticles with poly(vinylpyrrolidone) oligomers: Effect of oligomer chain length (2015) Journal of Physical Chemistry C, 119 (14), pp. 7888-7899.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&doi=10.1021%2fjp510369a&partnerID=40&md5=47308ebdb73b4c10025dfc825b0c2a29
	Richert, S., Mosquera Vazquez, S., Grzybowski, M., Gryko, D.T., Kyrychenko, A. , Vauthey, E.	Excited-state dynamics of an environment-sensitive push-pull diketopyrrolopyrrole: Major differences between the bulk solution phase and the dodecane/water interface (2014) Journal of Physical Chemistry B, 118 (33), pp. 9952-9963.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906493511&doi=10.1021%2fjp506062j&partnerID=40&md5=5cd5a25f9aa17471ed2c624b2848b610
	Kyrychenko, A. , Freitas, J.A., He, J., Tobias, D.J., Wimley, W.C., Ladokhin, A.S.	Structural plasticity in the topology of the membrane-interacting domain of HIV-1 gp41 (2014) Biophysical Journal, 106 (3), pp. 610-620.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893500144&doi=10.1016%2fj.bpj.2013.12.032&partnerID=40&md5=db8a910262e89b8479bba3d086a57818
	Kyrychenko, A. , Ladokhin, A.S.	Refining membrane penetration by a combination of steady-state and time-resolved depth-dependent fluorescence quenching (2014) Analytical Biochemistry, 446 (1), pp. 19-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887976809&doi=10.1016%2fj.ab.2013.10.015&partnerID=40&md5=71bb07d16b9aba2ab409ea292c38fa4a
	Kyrychenko, A. , Herbig, J., Waluk, J.	Studies of Photoinduced NH Tautomerism by Stationary and Time-Resolved Fluorescence Techniques (2013) Tautomerism: Methods and Theories, pp. 49-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976568482&doi=10.1002%2f9783527658824.ch3&partnerID=40&md5=78b92e66163b2c6198a749e550879e69
	Kurnikov, I.V., Kyrychenko, A. , Flores-Canales, J.C., Rodnin, M.V., Simakov, N., Vargas-Urbe, M., Posokhov, Y.O., Kurnikova, M., Ladokhin, A.S.	PH-triggered conformational switching of the diphtheria toxin T-domain: The roles of N-terminal histidines (2013) Journal of Molecular Biology, 425 (15), pp. 2752-2764.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879946745&doi=10.1016%2fj.jmb.2013.04.030&partnerID=40&md5=c34af335f91b536836aeb6034960a20f
	Posokhov, Y.O., Kyrychenko, A.	Effect of acetone accumulation on structure and dynamics of lipid membranes studied by molecular dynamics simulations (2013) Computational Biology and Chemistry, 46, pp. 23-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879109359&doi=10.1016%2fj.combiolchem.2013.04.005&partnerID=40&md5=5890479e5f14bf3d5a87818cec9449f
	Kyrychenko, A. , Ladokhin, A.S.	Molecular dynamics simulations of depth distribution of spin-labeled phospholipids within lipid bilayer (2013) Journal of Physical Chemistry B, 117 (19), pp. 5875-5885.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878034660&doi=10.1021%2fjp4026706&partnerID=40&md5=b9d47fd102008eba51e8354e01936deb
	Kyrychenko, A. , Tobias, D.J., Ladokhin, A.S.	Validation of depth-dependent fluorescence quenching in membranes by molecular dynamics simulation of tryptophan octyl ester in POPC bilayer (2013) Journal of Physical Chemistry B, 117 (17), pp. 4770-4778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877072901&doi=10.1021%2fjp310638f&partnerID=40&md5=1f9e514c76c0bcf39a527ffa6ffbed4c

	Kyrychenko, A. , Karpushina, G.V., Svehckarev, D., Kolodetzny, D., Bogatyrenko, S.I., Kryshat, A.P., Doroshenko, A.O.	Fluorescence probing of thiol-functionalized gold nanoparticles: Is alkylthiol coating of a nanoparticle as hydrophobic as expected? (2012) Journal of Physical Chemistry C, 116 (39), pp. 21059-21068.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867186711&doi=10.1021%2Fjp3060813&partnerID=40&md5=45f70dfcb1387b192a45ce4b199502e4
	Kyrychenko, A. , Rodnin, M.V., Vargas-Urbe, M., Sharma, S.K., Durand, G., Pucci, B., Popot, J.-L., Ladokhin, A.S.	Folding of diphtheria toxin T-domain in the presence of amphipols and fluorinated surfactants: Toward thermodynamic measurements of membrane protein folding (2012) Biochimica et Biophysica Acta - Biomembranes, 1818 (4), pp. 1006-1012.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857653322&doi=10.1016%2Fj.bbame.2011.09.012&partnerID=40&md5=70cc300315c34d0176a8024657d46e6
	Kyrychenko, A. , Rodnin, M.V., Posokhov, Y.O., Holt, A., Pucci, B., Killian, J.A., Ladokhin, A.S.	Thermodynamic measurements of bilayer insertion of a single transmembrane helix chaperoned by fluorinated surfactants (2012) Journal of Molecular Biology, 416 (3), pp. 328-334.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856725828&doi=10.1016%2Fj.jmb.2011.12.037&partnerID=40&md5=917a9dccc833e06806c332b3b0aad0a2d
	Kyrychenko, A. , Karpushina, G.V., Bogatyrenko, S.I., Kryshat, A.P., Doroshenko, A.O.	Preparation, structure, and a coarse-grained molecular dynamics model for dodecanethiol-stabilized gold nanoparticles (2011) Computational and Theoretical Chemistry, 977 (1-3), pp. 34-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84555218596&doi=10.1016%2Fj.comptc.2011.09.003&partnerID=40&md5=f12637c4b33036b75f7cdcb679a3a08c
	Rodnin, M.V., Kyrychenko, A. , Kienker, P., Sharma, O., Vargas-Urbe, M., Collier, R.J., Finkelstein, A., Ladokhin, A.S.	Replacement of C-terminal histidines uncouples membrane insertion and translocation in diphtheria toxin T-domain (2011) Biophysical Journal, 101 (10), pp. L41-L43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81255184305&doi=10.1016%2Fj.bpj.2011.10.018&partnerID=40&md5=aecde8da8acd4f9be670e2bb8fea5aa7
	Kyrychenko, A. , Sevriukov, I.Y., Syzova, Z.A., Ladokhin, A.S., Doroshenko, A.O.	Partitioning of 2,6-Bis(1H-Benzimidazol-2-yl)pyridine fluorophore into a phospholipid bilayer: Complementary use of fluorescence quenching studies and molecular dynamics simulations (2011) Biophysical Chemistry, 154 (1), pp. 8-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79751530854&doi=10.1016%2Fj.bpc.2010.12.001&partnerID=40&md5=a95fad0c5d11943cc6d3885d150758d1
	Posokhov, Y.O., Kyrychenko, A. , Ladokhin, A.S.	Steady-state and time-resolved fluorescence quenching with transition metal ions as short-distance probes for protein conformation (2010) Analytical Biochemistry, 407 (2), pp. 284-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957222116&doi=10.1016%2Fj.ab.2010.07.035&partnerID=40&md5=a6e84411b4a7e93f919334e97fd955b
	Kyrychenko, A. , Wu, F., Thummel, R.P., Waluk, J., Ladokhin, A.S.	Partitioning and localization of environment-sensitive 2-(2'-pyridyl) - and 2-(2'-pyrimidyl)-indoles in lipid membranes: A joint refinement using fluorescence measurements and molecular dynamics simulations (2010) Journal of Physical Chemistry B, 114 (42), pp. 13574-13584.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958502212&doi=10.1021%2Fjp106981c&partnerID=40&md5=3189c28ca583f195082be4ee3584823bd
	Muretta, J.M., Kyrychenko, A. , Ladokhin, A.S., Kast, D.J., Gillispie, G.D., Thomas, D.D.	High-performance time-resolved fluorescence by direct waveform recording (2010) Review of Scientific Instruments, 81 (10), art. no. 103101, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149462293&doi=10.1063%2F1.3480647&partnerID=40&md5=3a983d23b33b6ff69da14a0b5b252c4f
	Rodnin, M.V., Kyrychenko, A. , Kienker, P., Sharma, O., Posokhov, Y.O., Collier, R.J., Finkelstein, A., Ladokhin, A.S.	Conformational Switching of the Diphtheria Toxin T Domain (2010) Journal of Molecular Biology, 402 (1), pp. 1-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956172558&doi=10.1016%2Fj.jmb.2010.07.024&partnerID=40&md5=f1cefd726139684044d5c1cdab4f44d
	Kyrychenko, A.	A molecular dynamics model of rhodamine-labeled phospholipid incorporated into a lipid bilayer (2010) Chemical Physics Letters, 485 (1-3), pp. 95-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73249132246&doi=10.1016%2Fj.cplett.2009.12.015&partnerID=40&md5=b46769cb4da68d2c6c5e4ab1d8c5707f
	Kyrychenko, A. , Posokhov, Y.O., Rodnin, M.V., Ladokhin, A.S.	Kinetic intermediate reveals staggered pH-dependent transitions along the membrane insertion pathway of the diphtheria toxin T-domain (2009) Biochemistry, 48 (32), pp. 7584-7594.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68849090174&doi=10.1021%2Fb9009264&partnerID=40&md5=f48146f2276d768f8e4f6a904e48fbb4
	Kyrychenko, A. , Waluk, J.	Distribution and favorable binding sites of pyroloquinoline and its analogues in a lipid bilayer studied by molecular dynamics simulations (2008) Biophysical Chemistry, 136 (2-3), pp. 128-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46049106926&doi=10.1016%2Fj.bpc.2008.05.006&partnerID=40&md5=d64d8ba7208d2ccd4b9a1fa34f2a2a11
	Kyrychenko, A. , Dyubko, T.S.	Molecular dynamics simulations of microstructure and mixing dynamics of cryoprotective solvents in water and in the presence of a lipid membrane (2008) Biophysical Chemistry, 136 (1), pp. 23-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44449115587&doi=10.1016%2Fj.bpc.2008.04.004&partnerID=40&md5=5cf1b534234aed1c0085e6fe329a50c1
	Rodnin, M.V., Posokhov, Y.O., Contino-Pépin, C., Brettmann, J., Kyrychenko, A. , Palchevskyy, S.S., Pucci, B., Ladokhin, A.S.	Interactions of fluorinated surfactants with diphtheria toxin T-domain: Testing new media for studies of membrane proteins (2008) Biophysical Journal, 94 (11), pp. 4348-4357.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849136504&doi=10.1529%2Fbiophysj.107.126235&partnerID=40&md5=1ed1ee2d4630c9a6803e4d94480289fb
	Nosenko, Y., Kunitski, M., Riehn, C., Thummel, R.P., Kyrychenko, A. , Herlich, J., Waluk, J., Brutschy, B.	Separation of different hydrogen-bonded clusters by femtosecond UV-ionization-detected infrared spectroscopy: 1H-pyrrolo[3,2-h] quinoline (H ₂ O)n=1, 2 complexes (2008) Journal of Physical Chemistry A, 112 (6), pp. 1150-1156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39849111344&doi=10.1021%2Fjp076839j&partnerID=40&md5=7c909c88c20428d3d55b90916d4c932
	Kyrychenko, A. , Gawinkowski, S., Urbanska, N., Pietraszkiewicz, M., Waluk, J.	Matrix isolation spectroscopy and molecular dynamics simulations for 2,7,12,17-tetra-tert-butylporphyrane in argon and xenon (2007) Journal of Chemical Physics, 127 (13), art. no. 134501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34948845703&doi=10.1063%2F1.2774983&partnerID=40&md5=ec1d0980dbccedd77a64a91cd6b75868
	Nosenko, Y., Kyrychenko, A. , Thummel, R.P., Waluk, J., Brutschy, B., Herlich, J.	Fluorescence quenching in cyclic hydrogen-bonded complexes of 1H-pyrrolo[3,2-h]quinoline with methanol: Cluster size effect (2007) Physical Chemistry Chemical Physics, 9 (25), pp. 3276-3285.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250702184&doi=10.1039%2Fb703908e&partnerID=40&md5=1bbd9b3ba11b754893da3a72ea638f19
	Kyrychenko, A. , Waluk, J.	Excited-state proton transfer through water bridges and structure of hydrogen-bonded complexes in 1H-pyrrolo[3,2-h]quinoline: Adiabatic time-dependent density functional theory study (2006) Journal of Physical Chemistry A, 110 (43), pp. 11958-11967.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751345269&doi=10.1021%2Fjp063426u&partnerID=40&md5=faa46e93408ec29ac2c608170de323cd
	Lvovskaya, M.I., Roshal, A.D., Doroshenko, A.O., Kyrychenko, A.V. , Khilya, V.P.	Fluorescence behavior of chromones containing several protolytic centers. 3-Thiazolylchromones: Emission band assignment and pH dependent effects (2006) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 65 (2), pp. 397-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748175576&doi=10.1016%2Fj.saa.2005.11.020&partnerID=40&md5=8d301fd39372f24eb5532256e41ba81c
	Nosenko, Y., Kunitski, M., Thummel, R.P., Kyrychenko, A. , Herlich, J., Waluk, J., Riehn, C., Brutschy, B.	Detection and structural characterization of clusters with ultrashort-lived electronically excited states: IR absorption detected by femtosecond multiphoton ionization (2006) Journal of the American Chemical Society, 128 (31), pp. 10000-10001.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746872930&doi=10.1021%2Fja063093e&partnerID=40&md5=4b4a937d44eb36ae8cad2339e63fc73
	Pettersson, K., Kyrychenko, A. , Rönnow, E., Ljungdahl, T., Mårtensson, J., Albinsson, B.	Singlet energy transfer in porphyrin-based donor-bridge-acceptor systems: Interaction between bridge length and bridge energy (2006) Journal of Physical Chemistry A, 110 (1), pp. 310-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-31144447094&doi=10.1021%2Fjp053819d&partnerID=40&md5=a821b15f27fb8bfb6a862fd4c12c8f
	Kyrychenko, A. , Waluk, J.	Molecular dynamics simulations of matrix deposition. III. Site structure analysis for porphyrane in argon and xenon (2005) Journal of Chemical Physics, 123 (6), art. no. 064706, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24144464314&doi=10.1063%2F1.1997128&partnerID=40&md5=f7c930b21e7b1e893349254b77324c95
	Kyrychenko, A. , Gorski, A., Waluk, J.	Molecular dynamics and density functional theory simulations of matrix deposition. II. Absolute site structure assignment for porphyrin in xenon (2004) Journal of Chemical Physics, 121 (23), art. no. 9, pp. 12017-12025.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11044230238&doi=10.1063%2F1.1809598&partnerID=40&md5=dec936934394e8176b5e29e6be1ad80e
	Kyrychenko, A. , Waluk, J.	Molecular dynamics simulations of matrix deposition. I. Site structure analysis for porphyrin in argon and xenon (2003) Journal of Chemical Physics, 119 (14), pp. 7318-7327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142211235&doi=10.1063%2F1.1606432&partnerID=40&md5=0f883c96c8ee0a2e6fd7caf191b3e08b
	Szydłowska, I., Kyrychenko, A. , Nowacki, J., Herlich, J.	Photoinduced intramolecular electron transfer in 4-dimethylaminopyridines (2003) Physical Chemistry Chemical Physics, 5 (6), pp. 1032-1038.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037444657&doi=10.1039%2Fb209731a&partnerID=40&md5=89a241f15671bb2357f01ded701cbd23
	Szydłowska, I., Kyrychenko, A. , Gorski, A., Waluk, J., Herlich, J.	Excited states of 4-dimethylaminopyridines: Magnetic circular dichroism and computational studies (2003) Photochemical and Photobiological Sciences, 2 (3), pp. 187-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13444276115&doi=10.1039%2Fb210908e&partnerID=40&md5=13706e90af4c8da406a1f65b2c59694d
	Kyrychenko, A. , Albinsson, B.	Conformer-dependent electronic coupling for long-range triplet energy transfer in donor-bridge-acceptor porphyrin dimers (2002) Chemical Physics Letters, 366 (3-4), pp. 291-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037058714&doi=10.1016%2FS0009-2614%2802%2901558-0&partnerID=40&md5=17a93cc5ad69ad60370d8c40f7d6d362
	Kyrychenko, A. , Andréasson, J., Mårtensson, J., Albinsson, B.	Sterically induced conformational relaxation and structure of meso-diaryloctaalkyl porphyrins in the excited triplet state: Experimental and DFT studies (2002) Journal of Physical Chemistry B, 106 (48), pp. 12613-12622.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037028166&doi=10.1021%2Fjp021432u&partnerID=40&md5=108bb2b0715220db0509631f0d2d656d

	Andréasson, J., Kyrychenko, A. , Mårtensson, J., Albinsson, B.	Temperature and viscosity dependence of the triplet energy transfer process in porphyrin dimers (2002) Photochemical and Photobiological Sciences, 1 (2), pp. 111-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042411222&doi=10.1039/2fb108200k&partnerID=40&md5=140dfb4466422466205e701ffad863
	Doroshenko, A.O., Sakhno, T.V., Kyrychenko, A.V.	Molecular structure and photophysics of N-quaternary diaryloxazolium salts (2002) Spectroscopy Letters, 35 (2), pp. 171-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036326871&doi=10.1081/2FSL-120003803&partnerID=40&md5=bc3e665ceacbbe5cfc3c2099ab4ab02
	Kyrychenko, A. , Stepanenko, Y., Waluk, J.	Molecular dynamics and DFT studies of intermolecular hydrogen bonds between bifunctional heteroazaaromatic molecules and hydroxylic solvents (2000) Journal of Physical Chemistry A, 104 (42), pp. 9542-9555.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034294163&partnerID=40&md5=56f3e22633bf5472b56f91acddb45c2a
	Doroshenko, A.O., Kyrychenko, A.V. , Baumer, V.N., Verezubova, A.A., Ptyagina, L.M.	Molecular structure, fluorescent properties and dynamics of excited state structural relaxation of the oxadiazolic ortho-analog of POPOP with the additional sterical hindrance (2000) Journal of Molecular Structure, 524 (1-3), pp. 289-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034643855&doi=10.1016/2FS0022-2860%2800%2900405-1&partnerID=40&md5=f4aae2767ad3f7a22a4f8f39db7b5918
	Kyrychenko, A. , Herbich, J., Wu, F., Thummel, R.P., Waluk, J.	Solvent-induced syn-anti rotamerization of 2-(2'-pyridyl)indole and the structure of its alcohol complexes (2000) Journal of the American Chemical Society, 122 (12), pp. 2818-2827.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034728558&doi=10.1021/2fja991818r&partnerID=40&md5=a4db3ec65b6d644da518f8422919bd6
	Doroshenko, A.O., Kyrychenko, A.V. , Waluk, J.	Low temperature spectra of the ortho-POPOP molecule: additional arguments of its flattening in the excited state (2000) Journal of Fluorescence, 10 (1), pp. 41-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033732218&doi=10.1023/2fA%3a1009435629589&partnerID=40&md5=b55825fb42371d6afa4a0e65d4c7079
	Kyrychenko, A. , Herbich, J., Izydorak, M., Wu, F., Thummel, R.P., Waluk, J.	Role of ground state structure in photoinduced tautomerization in bifunctional proton donor-acceptor molecules: 1H-pyrrolo[3,2-h]quinoline and related compounds (1999) Journal of the American Chemical Society, 121 (48), pp. 11179-11188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033537022&doi=10.1021/2fja991817z&partnerID=40&md5=47e7690b2eac11773c10a1604e1a0024
	Kyrychenko, A. , Herbich, J., Izydorak, M., Gil, M., Dobkowski, J., Wu, F., Thummel, R.P., Waluk, J.	Photoinduced double proton transfer: Inter- and intramolecular cases (1999) Israel Journal of Chemistry, 39 (3-4), pp. 309-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033264186&partnerID=40&md5=6566c5d760e35df1d13e8a3e76c00dc3a
	Kirichenko, A.V. , Doroshenko, A.O., Shershukov, V.M.	Fluorescence spectra and dynamics of structural relaxation of excited-state derivatives of 1,2-bis-(5-phenyloxazolyl-2) benzene (1998) Chemical Physics Reports, 17 (9), pp. 1643-1651.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000997251&partnerID=40&md5=09b11143c02400fcd75aae0b1f5df6d
	Doroshenko, A.O., Baumer, V.N., Kirichenko, A.V. , Shershukov, V.M., Tolmachev, A.V.	Peculiarities of structure of molecules of unsymmetrical ortho-analogs of POPOP (1997) Khimiya Geterotsiklicheskikh Soedinenii, (11), pp. 1549-1558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001996747&partnerID=40&md5=cb6cf18298aeb0b6a73f3cb2736283a0
	Doroshenko, A.O., Baumer, V.N., Kirichenko, A.V. , Shershukov, V.M., Tolmachev, A.V.	Molecular structural features of unsymmetrical ortho analogs of POPOP (1997) Chemistry of Heterocyclic Compounds, 33 (11), pp. 1341-1349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544479512&partnerID=40&md5=ce3aaceab10a3505f1d15f57b0c1f4b7
	Baumer, V.N., Doroshenko, A.O., Verezubova, A.A., Ptyagina, L.M., Kirichenko, A.V. , Ponomarev, O.A.	Molecule structure and conformations of sterically hindered aryl derivative of 1,3,4-oxadiazole containing the o,d-biphenyl nucleus (1996) Khimiya Geterotsiklicheskikh Soedinenii, (7), pp. 984-991.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444388747&partnerID=40&md5=15eb94373af10db4c46a2a09e94121fb
	Baumer, V.N., Doroshenko, A.O., Verezubova, A.A., Ptyagina, L.M., Kirichenko, A.V. , Ponomarev, O.A.	Molecular structure and conformations of a sterically hindered aryl derivative of 1,3,4-oxadiazole containing an o,o'-biphenyl ring system (1996) Chemistry of Heterocyclic Compounds, 32 (7), pp. 844-850.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2544443686&partnerID=40&md5=8e1b0ae3b7f29b397af6e83a5c2aca28
	Doroshenko, A.O., Kirichenko, A.V. , Mitina, V.G., Ponomarev, O.A.	Spectral properties and dynamics of the excited state structural relaxation of the ortho analogues of POPOP - Effective abnormally large Stokes shift luminophores (1996) Journal of Photochemistry and Photobiology A: Chemistry, 94 (1), pp. 15-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030584192&doi=10.1016/2f1010-6030%2895%2904203-2&partnerID=40&md5=4f1c4fb83e7af9974d934e7df834a88
	Doroshenko, A.O., Patsenker, L.D., Baumer, V.N., Chepeleva, L.V., Van'Kevich, A.V., Kirichenko, A.V. , Yarmolenko, S.N., Scherschukov, V.M., Mitina, V.G., Ponomarev, O.A.	Structure of sterically hindered aryl derivatives of five-membered nitrogen containing heterocyclic ortho-analogs of POPOP (1994) Molecular Engineering, 3 (4), pp. 353-363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000640025&doi=10.1007/2fBF01003759&partnerID=40&md5=669cc80f88dff7e3ff4a727eb549ac09
35	Lisovskiy, V.A., Artushenko, K.P., Yegorenkov, V.D.	Influence of the inter-electrode gap on the cathode sheath characteristics (voltage drop across it and its thickness) (2017) Physics of Plasmas, 24 (5), art. no. 053501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018339610&doi=10.1063/2f1.4982211&partnerID=40&md5=8a6059d288ed21c9aba99dd4e95f1a7c
	Lisovskiy, V.A., Krol, H.H., Osmayev, R.O., Yegorenkov, V.D.	Child-langmuir law for cathode sheath of glow discharge in CO2 (2017) Problems of Atomic Science and Technology, 107 (1), pp. 140-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016107509&partnerID=40&md5=6ca27a18d817a744fc53da7c1c614559
	Lisovskiy, V.A., Artushenko, K.P., Yegorenkov, V.D.	Child-Langmuir law applicability for a cathode sheath description of glow discharge in hydrogen (2016) Physica Scripta, 91 (8), art. no. 085601, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979964914&doi=10.1088/2f0031-8949%2f91%2f8%2f085601&partnerID=40&md5=4c5e7f83e8f29be145944c6555538d10
	Lisovskiy, V.A., Artushenko, K.P., Yegorenkov, V.D.	Normal mode of DC discharge in argon, hydrogen and oxygen (2016) Problems of Atomic Science and Technology, 106 (6), pp. 223-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007621948&partnerID=40&md5=8ae4de0d3f4622c945c7441299485814
	Lisovskiy, V.A., Ogloblina, P.A., Dudin, S.V., Yegorenkov, V.D. , Dakhov, A.N.	Forming a unipolar pulsed discharge in nitrogen (2016) Problems of Atomic Science and Technology, 106 (6), pp. 227-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007521306&partnerID=40&md5=0b8365dd227a0bb7bc33f76e9c4bf52e
	Lisovskiy, V.A., Artushenko, K.P., Yegorenkov, V.D.	Reduced electric field in the positive column of the glow discharge in argon (2015) Vacuum, 122, art. no. 6795, pp. 75-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941894041&doi=10.1016/2fj.vacuum.2015.09.009&partnerID=40&md5=030534c9e5fd9e2d5241d05d8e9747b3
	Lisovskiy, V.A., Derevianko, V.A., Yegorenkov, V.D.	DC breakdown in low-pressure CF4 (2015) Journal of Physics D: Applied Physics, 48 (47), art. no. 475201, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947093129&doi=10.1088/2f0022-3727%2f48%2f47%2f475201&partnerID=40&md5=fe8578213051a415c51271fa7491f8ff
	Lisovskiy, V.A., Artushenko, K.P., Yegorenkov, V.D.	Inter-electrode distance effect on dc discharge characteristics in nitrogen (2015) Problems of Atomic Science and Technology, 98 (4), pp. 202-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941115483&partnerID=40&md5=ab52241ab00ffe174627a4e477747512
	Lisovskiy, V.A., Artushenko, E.P., Yegorenkov, V.D.	Simple model of reduced electric field in ambipolar regime of dc discharge positive column in hydrogen (2015) Journal of Plasma Physics, 81 (3), art. no. 905810312, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929282750&doi=10.1017/2fS002237715000045&partnerID=40&md5=0135165e33f8e2b089d8568f845e9a5
	Lisovskiy, V.A., Artushenko, E.P., Yegorenkov, V.D.	Calculating reduced electric field in diffusion regime of dc discharge positive column (2015) Problems of Atomic Science and Technology, 95 (1), pp. 205-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923125993&partnerID=40&md5=5f31ca44ae06b33e33169ba0793ee2dc
	Lisovskiy, V.A., Osmayev, R.O., Yegorenkov, V.D.	Does electric field nonuniformity affect gas breakdown? (2015) Problems of Atomic Science and Technology, 98 (4), pp. 211-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941109614&partnerID=40&md5=4fd50f6a900e9194f750185b34711cc7
	Lisovskiy, V.A., Ogloblina, P.A., Yegorenkov, V.D.	Burning modes of dc low pressure discharge with a transverse constriction (2015) Problems of Atomic Science and Technology, 98 (4), pp. 206-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941064463&partnerID=40&md5=79da254cf67a2214360ce557cb043823
	Lisovskiy, V., Yegorenkov, V.	In-depth treatment of discharge ignition data during undergraduate laboratory work (2014) European Journal of Physics, 35 (4), art. no. 045021, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903640499&doi=10.1088/2f0143-0807%2f35%2f4%2f045021&partnerID=40&md5=32d616876dda0a4fe6768e6f58a54f19

Lisovskiy, V.A., Derevianko, V.A., Yegorenkov, V.D.	The Child-Langmuir collision laws for the cathode sheath of glow discharge in nitrogen (2014) Vacuum, 103, pp. 49-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892156607&doi=10.1016%2Fj.vacuum.2013.12.008&partnerID=40&md5=514d756f31be50a8335ed61f28bf527
Lisovskiy, V., Yegorenkov, V. , Ogloblina, P., Booth, J.-P., Martins, S., Landry, K., Douai, D., Cassagne, V.	Electron transport parameters in NF3 (2014) Journal of Physics D: Applied Physics, 47 (11), art. no. 115203, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894748436&doi=10.1088%2F0022-3727%2F47%2F11%2F15203&partnerID=40&md5=2e0d425c997dcc4ce79dc75cdef0b155
Lisovskiy, V.A., Artushenko, E.P., Yegorenkov, V.D.	Applicability of Child-Langmuir collision laws for describing a dc cathode sheath in N2O (2014) Journal of Plasma Physics, 80 (3), pp. 319-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899473440&doi=10.1017%2FS0022377813001281&partnerID=40&md5=68b7118c75a663af5babf62e8528fb7
Lisovskiy, V.A., Osmayev, R.O., Yegorenkov, V.D.	Gas breakdown in dc electric field in a discharge tube with flat and conical cathodes (2014) Problems of Atomic Science and Technology, 94 (6), pp. 183-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918523640&partnerID=40&md5=98ead3802183c7ed5894fc5a9120316c
Lisovskiy, V.A., Artushenko, E.P., Yegorenkov, V.D.	Positive ion motion in cathode sheath of glow discharge in N2O (2013) Problems of Atomic Science and Technology, (4), pp. 140-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881592552&partnerID=40&md5=1c602da549c0631fde87fe31235adbc2
Lisovskiy, V.A., Bogodielnyi, I.A., Yegorenkov, V.D.	Axial structure of hollow cathode dc glow discharge in different burning modes (2013) Problems of Atomic Science and Technology, (4), pp. 144-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881588722&partnerID=40&md5=71b7a33df1ad9b1255b04836d0321cdf
Lisovskiy, V.A., Artushenko, E.P., Derevyanko, V.A., Yegorenkov, V.D.	Normal and abnormal regimes of dc discharge burning in N2O (2013) Problems of Atomic Science and Technology, (1), pp. 210-212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876197274&partnerID=40&md5=83c11db741d4769bd8456aee46fb924
Lisovskiy, V., Yegorenkov, V. , Artushenko, E., Booth, J.-P., Martins, S., Landry, K., Douai, D., Cassagne, V.	Normal regime of the weak-current mode of an rf capacitive discharge (2013) Plasma Sources Science and Technology, 22 (1), art. no. 015018, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874065524&doi=10.1088%2F0963-0252%2F22%2F1%2F015018&partnerID=40&md5=37b3e9a663bafbac0543d3a023fc3d96
Lisovskiy, V.A., Derevyanko, V.A., Kravchenko, E.A., Yegorenkov, V.D.	Axial structure of DC glow discharge negative glow in nitrogen (2012) Problems of Atomic Science and Technology, (6), pp. 199-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871729302&partnerID=40&md5=267aff6b2455053d8eef1181ecdff911
Lisovskiy, V.A., Koval, V.A., Artushenko, E.P., Yegorenkov, V.D.	Validating the Goldstein-Wehner law for the stratified positive column of dc discharge in an undergraduate laboratory (2012) European Journal of Physics, 33 (6), pp. 1537-1545.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867706442&doi=10.1088%2F0022-0807%2F33%2F6%2F1537&partnerID=40&md5=092c54ac943848c09c6a56430c5c113e
Lisovskiy, V., Yegorenkov, V.	Ambipolar diffusion in strongly electronegative plasma (2012) EPL, 99 (3), art. no. 35002, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865078057&doi=10.1209%2F0295-5075%2F99%2F35002&partnerID=40&md5=47b6c8352478e0b5ef9cfa7d641f8354
Lisovskiy, V., Yegorenkov, V. , Booth, J.-P., Martins, S., Landry, K., Douai, D., Cassagne, V.	Gas molecule dissociation effect on rf discharge burning in low pressure ammonia (2012) Physics Letters, Section A: General, Atomic and Solid State Physics, 376 (33), pp. 2238-2243.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861823492&doi=10.1016%2Fj.physleta.2012.05.040&partnerID=40&md5=1968b1f34f240dc3ca0e807e6497f8e2
Lisovskiy, V.A., Koval, V.A., Yegorenkov, V.D.	Dc breakdown of low pressure gas in long tubes (2011) Physics Letters, Section A: General, Atomic and Solid State Physics, 375 (19), pp. 1986-1989.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955483376&doi=10.1016%2Fj.physleta.2011.03.035&partnerID=40&md5=910a6b4d4866c4ee5652405e8d69cd4d
Lisovskiy, V., Skubenko, E., Kravchenko, E., Yegorenkov, V.	Anode diameter effect on ignition and burning of DC discharge (2011) Problems of Atomic Science and Technology, (1), pp. 125-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952470134&partnerID=40&md5=1507c2965b74b9538e2ba0d694d76a0
Lisovskiy, V., Kravchenko, E., Skubenko, E., Kharchenko, N., Yegorenkov, V.	Obstructed dc glow discharge in low-pressure nitrogen (2010) Problems of Atomic Science and Technology, (6), pp. 156-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650603700&partnerID=40&md5=dd31dbb5e641a7e2f8b25918bdf3b83
Lisovskiy, V.A., Kharchenko, N.D., Yegorenkov, V.D.	Low-pressure gas breakdown in longitudinal combined electric fields (2010) Journal of Physics D: Applied Physics, 43 (42), art. no. 425202, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249231375&doi=10.1088%2F0022-3727%2F43%2F42%2F425202&partnerID=40&md5=702e860cfb10121b7e16af3cfe4de2e1
Lisovskiy, V., Yegorenkov, V. , Booth, J.-P., Landry, K., Douai, D., Cassagne, V.	Electron drift velocity in SF6 in strong electric fields determined from rf breakdown curves (2010) Journal of Physics D: Applied Physics, 43 (38), art. no. 385203, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249237536&doi=10.1088%2F0022-3727%2F43%2F38%2F385203&partnerID=40&md5=65f87ba52e653496e679579c5f186532
Lisovskiy, V.A., Kharchenko, N.D., Yegorenkov, V.D.	Radial structure of low pressure rf capacitive discharges (2010) Vacuum, 84 (6), pp. 782-791.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74649086989&doi=10.1016%2Fj.vacuum.2009.10.037&partnerID=40&md5=8fd3201460f0d1323dbaa9a2ee416b5
Lisovskiy, V., Yegorenkov, V.	Validating the collision-dominated Child-Langmuir law for a dc discharge cathode sheath in an undergraduate laboratory (2009) European Journal of Physics, 30 (6), pp. 1345-1351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72449141817&doi=10.1088%2F0143-0807%2F30%2F6%2F012&partnerID=40&md5=aed4615852d8bef4b95903f4f46f0561
Yegorenkov, V.D.	Roll or slide? (2009) Physics Education, 44 (6), pp. 665-666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70450265413&doi=10.1088%2F0031-9120%2F44%2F6%2F04&partnerID=40&md5=3715994ad263a51ccc0d26c93a8dfee7
Lisovskiy, V., Kharchenko, N., Yegorenkov, V.	Longitudinal combined discharge extinction in low pressure nitrogen (2008) Vacuum, 83 (4), pp. 724-726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52949134096&doi=10.1016%2Fj.vacuum.2008.05.012&partnerID=40&md5=8ebcdffc840a3cfe9a10094e4a6e8e2f
Lisovskiy, V.A., Kharchenko, N.D., Yegorenkov, V.D.	Modes of longitudinal combined discharge in low pressure nitrogen (2008) Journal of Physics D: Applied Physics, 41 (12), art. no. 125207, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249152215&doi=10.1088%2F0022-3727%2F41%2F12%2F125207&partnerID=40&md5=8afeb4c723c5628a32cd2758dc75832c
Ganci, S., Yegorenkov, V.	Historical and pedagogical aspects of a humble instrument (2008) European Journal of Physics, 29 (3), pp. 421-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049085570&doi=10.1088%2F0143-0807%2F29%2F3%2F003&partnerID=40&md5=c817dc0cc55e22e90e50916811833043
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Modes of low-pressure dual-frequency (27/2 MHz) discharges in hydrogen (2008) Plasma Sources Science and Technology, 17 (2), art. no. 025002, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43149117477&doi=10.1088%2F0963-0252%2F17%2F2%2F025002&partnerID=40&md5=9a25009d5b2c0394c2f13dcae6282564
Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Similarity law for rf breakdown (2008) EPL, 82 (1), art. no. 15001, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79051471490&doi=10.1209%2F0295-5075%2F82%2F15001&partnerID=40&md5=97ee335623b2beeeaa958886e30972d1b
Valiyov, B.M., Yegorenkov, V.D.	Reply to the above letter from the authors of 'Some simple observations on buoyancy' [2] (2008) Physics Education, 43 (1), p. 115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37249037047&doi=10.1088%2F0031-9120%2F43%2F1%2F04&partnerID=40&md5=8ab7380eb168c9f4b3c16efed2a3a367
Valiyov, B.M., Yegorenkov, V.D.	Some simple observations on buoyancy (2007) Physics Education, 42 (5), pp. 481-483.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37249007587&doi=10.1088%2F0031-9120%2F42%2F5%2F005&partnerID=40&md5=9ffdc7ec2da4c8199917ed53d5be7fe

	Lisovskiy, V., Booth, J.-P., Jolly, J., Martins, S., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Modes of rf capacitive discharge in low-pressure sulfur hexafluoride (2007) Journal of Physics D: Applied Physics, 40 (22), pp. 6989-6999.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36448950898&doi=10.1088%2f0022-3727%2f40%2f22%2f020&partnerID=40&md5=6a8c742a6144a04eb50335be3653d893
	Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Applying RF current harmonics for end-point detection during etching multi-layered substrates and cleaning discharge chambers with NF3 discharge (2007) Vacuum, 82 (3), pp. 321-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35448983901&doi=10.1016%2fj.vacuum.2007.04.035&partnerID=40&md5=4fb5c18a1d538826eb31c90242297b3f
	Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	RF discharge dissociative mode in NF3 and SiH4 (2007) Journal of Physics D: Applied Physics, 40 (21), pp. 6631-6640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35548992001&doi=10.1088%2f0022-3727%2f40%2f21%2f023&partnerID=40&md5=ff3da06c08bae1ee0264914524ea99a
	Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Low-pressure gas breakdown in dual-frequency RF electric fields in nitrogen (2007) EPL, 80 (2), art. no. 25001, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79051468945&doi=10.1209%2f0295-5075%2f80%2f25001&partnerID=40&md5=4c5a623b4ed1e3503404f72fd3f52000
	Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Electron drift velocity in silane in strong electric fields determined from rf breakdown curves (2007) Journal of Physics D: Applied Physics, 40 (11), art. no. 022, pp. 3408-3410.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249291954&doi=10.1088%2f0022-3727%2f40%2f11%2f022&partnerID=40&md5=5bb7e398edc659e4fa13693426082ffd
	Lisovskiy, V.A., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.D.	The effect of discharge chamber geometry on the characteristics of low-pressure RF capacitive discharges (2007) IEEE Transactions on Plasma Science, 35 (2 III), pp. 416-424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247395857&doi=10.1109%2fTPS.2007.893261&partnerID=40&md5=c1c8b6e0dae984c1e85f2c67075ea1b9
	Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Modes and the alpha-gamma transition in rf capacitive discharges in N 2O at different rf frequencies (2006) Physics of Plasmas, 13 (10), art. no. 103505, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750498704&doi=10.1063%2f1.2364135&partnerID=40&md5=502ab7c183d97abaec19f8eca09fa8
	Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	A technique for evaluating the RF voltage across the electrodes of a capacitively-coupled plasma reactor (2006) EPJ Applied Physics, 36 (2), pp. 177-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751207726&doi=10.1051%2fepjap%3a2006116&partnerID=40&md5=39d973bc8823e55c93087ebbac0b824e
	Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Electron drift velocity in N2O in strong electric fields determined from rf breakdown curves (2006) Journal of Physics D: Applied Physics, 39 (9), pp. 1866-1871.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646421426&doi=10.1088%2f0022-3727%2f39%2f9%2f022&partnerID=40&md5=540e322efdaa0824873fc1ae0bcd1f45
	Lisovskiy, V., Booth, J.-P., Landry, K., Douai, D., Cassagne, V., Yegorenkov, V.	Electron drift velocity in argon, nitrogen, hydrogen, oxygen and ammonia in strong electric fields determined from rf breakdown curves (2006) Journal of Physics D: Applied Physics, 39 (4), pp. 660-665.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-32144459839&doi=10.1088%2f0022-3727%2f39%2f4%2f011&partnerID=40&md5=45b2b0d4553cb4cc8e70d9d7b0ff606c
	Lisovskiy, V.A., Yegorenkov, V.D.	Double layer onset inside the near-electrode sheath of a RF capacitive discharge in oxygen (2006) Vacuum, 80 (5), pp. 458-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30344466058&doi=10.1016%2fj.vacuum.2005.07.038&partnerID=40&md5=00ad14ead0a08e3e048a88dc83821680
	Valiyov, B.M., Yegorenkov, V.D.	Circles in the sand: Methods for reproducing Chladni's figures (2005) Physics Education, 40 (5), pp. 408-410.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644475772&doi=10.1088%2f0031-9120%2f40%2f5%2f03&partnerID=40&md5=dafe02c4ec81c4afe59139be1f2cb71f
	Lisovskiy, V., Martins, S., Landry, K., Douai, D., Booth, J.-P., Cassagne, V., Yegorenkov, V.	The effect of discharge chamber geometry on the ignition of low-pressure rf capacitive discharges (2005) Physics of Plasmas, 12 (9), art. no. 093505, pp. 1-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27344440958&doi=10.1063%2f1.2033748&partnerID=40&md5=f959da69665785d637e777011acd2c84
	Lisovskiy, V.A., Yegorenkov, V.D.	Alpha-gamma transition in RF capacitive discharge in low-pressure oxygen (2004) Vacuum, 74 (1), pp. 19-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842864883&doi=10.1016%2fj.vacuum.2003.11.003&partnerID=40&md5=e6a4ad11c98ec17e0beb114699f4db04
	Ovcharenko, A.P., Yegorenkov, V.D.	Teaching students to observe Haidinger brushes (2002) European Journal of Physics, 23 (2), pp. 123-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036501777&doi=10.1088%2f0143-0807%2f23%2f2%2f305&partnerID=40&md5=53e9c38075ebbd22db9d98541f53cfba
	Lisovskiy, V.A., Yakovin, S.D., Yegorenkov, V.D.	Low-pressure gas breakdown in uniform dc electric field (2000) Journal of Physics D: Applied Physics, 33 (21), pp. 2722-2730.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034320038&doi=10.1088%2f0022-3727%2f33%2f21%2f310&partnerID=40&md5=6570e8a7620e4ab7954290470a021f42
	Lisovskiy, V.A., Yegorenkov, V.D.	Electron-drift velocity determination in CF4 and SF6 in a strong electric field from breakdown curves of low-pressure RF discharge (1999) Journal of Physics D: Applied Physics, 32 (20), pp. 2645-2648.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343191466&doi=10.1088%2f0022-3727%2f32%2f20%2f310&partnerID=40&md5=10b6fa8e8c58a98e91fed3e8fc792d7a
	Ageev, L.A., Yegorenkov, V.D.	A device for demonstrating interference fringes and electro-optic effect in crystals (1999) American Journal of Physics, 67 (9), pp. 837-838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038931349&partnerID=40&md5=aa8304c3b348ca14194640ffa37500f6
	Lisovskiy, V.A., Yegorenkov, V.D.	Rf breakdown of low-pressure gas and a novel method for determination of electron-drift velocities in gases (1998) Journal of Physics D: Applied Physics, 31 (23), pp. 3349-3357.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032494909&doi=10.1088%2f0022-3727%2f31%2f23%2f008&partnerID=40&md5=305b8693ee6d73d70bd25a9229795b23
	Lisovskiy, V.A., Yegorenkov, V.D.	Electron drift velocity determination in hydrogen (1998) IEEE International Conference on Plasma Science, p. 316.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031620364&partnerID=40&md5=a12a23073c0331d3f05cb7b703b360b7
	Lisovsky, V.A., Yegorenkov, V.D.	Phenomenological RF breakdown curves in the broad pressure range (1994) IEEE International Conference on Plasma Science, p. 125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028731238&partnerID=40&md5=a3e92a8a4f48b65f5ad1dd4a32ed19
	Lisovsky, V.A., Yegorenkov, V.D.	Steady RF discharge regimes and LF instability (1994) IEEE International Conference on Plasma Science, p. 126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028739244&partnerID=40&md5=d83666c94723cd31a4eb28b87703bee4
	Lisovsky, V.A., Yegorenkov, V.D.	Low-pressure gas breakdown in combined fields (1994) Journal of Physics D: Applied Physics, 27 (11), pp. 2340-2348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028546155&doi=10.1088%2f0022-3727%2f27%2f11%2f014&partnerID=40&md5=e0ecedbf5e1c7c1126809473e494771e
36	Bondarev, N.V.	Neural network modeling. Dissociation of acetic and benzoic acids in aqueous-organic solvents (2017) Russian Journal of General Chemistry, 87 (2), pp. 188-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017258805&doi=10.1134%2fS1070363217020062&partnerID=40&md5=86b963dc1ad9fffee008d24b510ddf
	Bondarev, N.V.	Exploratory analysis in thermodynamics of equilibria. Classification and prediction of benzoic acid strength in aqueous-organic solvents (2016) Russian Journal of General Chemistry, 86 (6), pp. 1221-1228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982701424&doi=10.1134%2fS1070363216060025&partnerID=40&md5=7b963beb3ac417c6ff6bb2d8880396aa
	Tsurko, E.N., Bondarev, N.V.	Thermodynamics and temperature dependence of dissociation and solvation of alpha-alanine in H2O-MeOH and of valine in H2O-ProH-2 (2007) Journal of Molecular Liquids, 131-132 (SPEC. ISS.), pp. 145-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845897632&doi=10.1016%2fj.molliq.2006.08.050&partnerID=40&md5=0e84345bb3c660e9c0213ba9ab9b50e
	Tsurko, E.N., Bondarev, N.V.	Mathematical modeling of solvent parameters' relevant contribution to the alpha-amino acid (valine, alpha-alanine) solvation in H2O-MeOH, H2O-EtOH and H2O-ProH-2 (2007) Journal of Molecular Liquids, 131-132 (SPEC. ISS.), pp. 151-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845912423&doi=10.1016%2fj.molliq.2006.08.051&partnerID=40&md5=9c2c97962226fa28405a35f5d5206e8b

	Bondarev, N.V.	Solvation-thermodynamic effects of the water-methanol solvent on the coordination of Na ⁺ , K ⁺ , NH ⁴⁺ , and Ag ⁺ ions with 18-crown-6: Gibbs energies of complexation and resolution of reagents (2006) Russian Journal of General Chemistry, 76 (1), pp. 11-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747863796&doi=10.1134%2F1070363206010038&partnerID=40&md5=3d9ca37536377729a511124f96aff184
	Tsurko, E.N., Bondarev, N.V. , Shikhova, T.M., Khrebtov, E.V.	Effect of physicochemical properties of water-propan-2-ol mixture and temperature on thermodynamics of Cu complexation with glycine (2005) Koordinatsionnaya Khimiya, 31 (4), pp. 311-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24344504377&partnerID=40&md5=154ab4783acacdad01d44dc4758e11
	Tsurko, E.N., Bondarev, N.V. , Shikhova, T.M., Khrebtov, E.V.	Effect of physicochemical properties of water-propan-2-ol mixture and temperature on thermodynamics of Cu complexation with glycine (2005) Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 31 (4), pp. 291-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144421235&doi=10.1007%2F11173-005-0091-5&partnerID=40&md5=ec4ab641bde98a6f9088f42b65b544
	Zaitseva, I.S., Sytnik, O.Yu., Krasnoperova, A.P., Bondarev, N.V.	Influence of properties of nonaqueous solvents on the solubility of NH ₄ Cl and thermodynamics of its solution (2005) Russian Journal of General Chemistry, 75 (1), pp. 25-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644451107&doi=10.1007%2F11176-005-0166-5&partnerID=40&md5=453daf8668d2cf588e63414eda87b8ab
	Tsurko, E.N., Bondarev, N.V.	Interparticle interactions in solutions of beta-alanine, valine and glutamic acid from concentration dependence of activity coefficients of their charged and zwitterionic forms at various ionic strengths (2004) Journal of Molecular Liquids, 113 (1-3), pp. 29-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942624072&doi=10.1016%2Fj.molliq.2004.02.033&partnerID=40&md5=32044a2d4662f3494335047c55b74a11
	Bondarev, N.V. , Kabakova, E.N., El'tsov, S.V., Zaitseva, I.S.	Effect of a Medium on Complexation between Cations and Crown Ethers (2003) Russian Journal of Physical Chemistry A, 77 (10), pp. 1601-1606.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242521393&partnerID=40&md5=90ab8a8179ad57c0a2ae280cac91c0e
	Tsurko, E.N., Bondarev, N.V. , Shikhova, T.M., Popenko, E.N.	Thermodynamic Functions of Dissociation and Solvation of α -Alanine in the Propan-2-ol-Water Binary Solvent (2003) Russian Journal of Physical Chemistry A, 77 (10), pp. 1607-1613.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242690170&partnerID=40&md5=bfe3efe1b24748f1016256e338514bbc
	Zaitseva, I.S., El'tsov, S.V., Kabakova, E.N., Bondarev, N.V.	Correlation analysis of the solvent effects on the thermodynamic functions of complexation of sodium and potassium ions with 18-crown-6 ether in aqueous-organic solvents (2003) Russian Journal of General Chemistry, 73 (7), pp. 1021-1026.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543001682&doi=10.1023%2FB%3aRUGC.0000007603.08621.7e&partnerID=40&md5=2f515283f13eb18da7ae6b8523ab3a
	Tsurko, E.N., Bondarev, N.V. , Shikhova, T.M., Popenko, E.N.	Thermodynamic functions of dissociation and solvation of α -alanine in the propan-2-ol-water binary solvent (2003) Zhurnal Fizicheskoy Khimii, 77 (10), pp. 1790-1797.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242596534&partnerID=40&md5=bb6d99b353679e81365b338d8e8bb527
	Bondarev, N.V. , Kabakova, E.N., El'tsov, S.V., Zaitseva, I.S.	Effect of a medium on complexation between cations and crown ethers (2003) Zhurnal Fizicheskoy Khimii, 77 (10), pp. 1783-1790.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242680372&partnerID=40&md5=fc5f844187124ccae25595a25a047b9c
	Zaitseva, I.S., Belash, N.N., Bondarev, N.V.	Thermodynamics of complexation of 18-crown-6 with NH ₄ ⁺ ion in water-dioxane mixtures (2002) Russian Journal of General Chemistry, 72 (8), pp. 1173-1180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036415969&doi=10.1023%2FA%3a1020803107416&partnerID=40&md5=f5f6db2600ad72b277bd4ab8a1769652
	Tsurko, E.N., Shikhova, T.M., Bondarev, N.V. , Samarskaya, O.V.	Thermodynamic functions of dissociation of valine in the water-methanol system at 278.15-318.15 K (2002) Russian Journal of Physical Chemistry A, 76 (8), pp. 1277-1282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036694861&partnerID=40&md5=de46965db0e157e21f0ec9afc89d99f2
	Larina, O.V., Didi, Y., Bondarev, N.V. , Kern, A.P., Tsurko, E.N.	Thermodynamic and correlation analysis of the influence of water-methanol and water-isopropanol solvents on Ag(I) cation coordination with 18-crown-6-ether (2002) Russian Journal of Physical Chemistry A, 76 (6), pp. 946-953.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036018318&partnerID=40&md5=8c94e9c4a98426e64501f1f109cb4e2
	Tsurko, E.N., Shihova, T.M., Bondarev, N.V.	Dissociation functions of glycine and β -alanine in propan-2-ol-water mixtures at various temperatures and their thermodynamical analysis (2002) Journal of Molecular Liquids, 96-97, pp. 425-437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036531866&doi=10.1016%2F0167-7322%2801%2900364-6&partnerID=40&md5=c888cc0bac7e931dfc6bd8f0d8d9d8c2
	Zaitseva, I.S., Rudenko, A.P., Kabakova, E.N., Bondarev, N.V.	Thermodynamics of complex formation between dicyclohexyl-18-crown-6 and potassium ions in water-propanol-2 mixtures (2002) Russian Journal of Physical Chemistry A, 76 (3), pp. 343-346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036012581&partnerID=40&md5=f3a3276a28d533bcc0c487331669a11
	Zaitseva, I.S., Rudenko, A.P., Kabakova, E.N., Bondarev, N.V.	Thermodynamics of complex formation between dicyclohexyl-18-crown-6 and potassium ions in water-propanol mixtures (2002) Zhurnal Fizicheskoy Khimii, 76 (3), pp. 416-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036416037&partnerID=40&md5=a82b16d1f981c116aa7d9ec183c83e3a
	Tsurko, E.N., Shikhova, T.M., Bondarev, N.V. , Samarskaya, O.V.	Thermodynamic functions of dissociation of valine in the water-methanol system at 278.15-318.15 K (2002) Zhurnal Fizicheskoy Khimii, 76 (8), pp. 1418-1424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036413155&partnerID=40&md5=e8ab959ef910b322d92ab62d10daf5a
	Larina, O.V., Didi, Y., Bondarev, N.V. , Kern, A.P., Tsurko, E.N.	Thermodynamic and correlation analysis of the influence of water-methanol and water-isopropanol solvents on Ag(I) cation coordination with 18-crown-6-ether (2002) Zhurnal Fizicheskoy Khimii, 76 (6), pp. 1059-1067.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036415468&partnerID=40&md5=517ed573afe629684ced1220298a3d
	Zaitseva, I.S., Kabakova, E.N., Bondarev, N.V.	Water-acetonitrile solvent composition effects on the thermodynamic characteristics of complex formation and solvation in the cation (NH ₄ ⁺ , Na ⁺ , K ⁺)-18-crown-6 systems (2001) Russian Journal of Physical Chemistry A, 75 (12), pp. 1966-1972.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035541837&partnerID=40&md5=f16c4e28c71b6b5ef5c2ed12a755a0e
	Zaitseva, I.S., Grigor'eva, N.Yu., El'tsov, S.V., Bondarev, N.V.	Thermodynamics of complex formation and solvation in the system NaCl-18-crown-6-water-dioxane (2001) Russian Journal of General Chemistry, 71 (4), pp. 505-511.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035649151&doi=10.1023%2FA%3a1012310613474&partnerID=40&md5=1d911c79e33c98d2b6139096cd87cc7
	Zaitseva, I.S., Kabakova, E.N., Bondarev, N.V.	Water-acetonitrile solvent composition effects on the thermodynamic characteristics of complex formation and solvation in the cation (NH ₄ ⁺ , Na ⁺ , K ⁺)-18-crown-6 systems (2001) Zhurnal Fizicheskoy Khimii, 75 (12), pp. 2142-2150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035776077&partnerID=40&md5=0ff34ef6f99923ab4f92c86830dc620f
	Zaitsev, I.S., Kabakova, E.N., Bondarev, N.V.	Thermodynamics of complex formation and solvation in a NH ₄ Cl-18-crown-6-water-propanol-2 system (2001) Ukrainskij Khimicheskij Zhurnal, 67 (5-6), pp. 18-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035550486&partnerID=40&md5=572fdcf72b619a77cccb8089c49dcebc
	Zaitseva, I.S., Kabakova, E.N., Bondarev, N.V.	Effect of the water-acetone solvent on the Gibbs energy of complex formation between 18-crown-6 and ammonium ion (2000) Russian Journal of General Chemistry, 70 (1), pp. 15-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034336257&partnerID=40&md5=daecc520d4ad1534f53b69920cebf15e
	Bondarev, N.V.	The influence of water-isopropanol solvent composition on the thermodynamic characteristics of formation of 18-crown-6 complexes with potassium and sodium ions (1999) Zhurnal Fizicheskoy Khimii, 73 (1), pp. 74-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142257435&partnerID=40&md5=6bad6dfb536a75d91ba01327f65b3620
	Bondarev, N.V.	Further development of the structure-property concept on the basis of thermodynamic parameters of solvation (1999) Russian Journal of General Chemistry, 69 (2), pp. 219-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033243487&partnerID=40&md5=7331ed130b25512ad25ba9ec2b3f6f1b
	El'tsov, S.V., Dowshenko, A.O., Bondarev, N.V.	Thermodynamics of complex formation of metal ions with crown ethers: The systems Na ⁺ -dibenzo-18-crown-6-H ₂ O-CH ₃ CN and K ⁺ -dibenzo-18-crown-6-H ₂ O-CH ₃ CN (1999) Zhurnal Neorganicheskoy Khimii, 44 (2), pp. 329-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141725569&partnerID=40&md5=d5154695ce7447b08438843cebf66b6a
	El'tsov, S.V., Doroshenko, A.O., Bondarev, N.V.	Thermodynamics of complex formation of metal ions with crown ethers: The systems Na ⁺ -dibenzo-18-crown-6-H ₂ O-CH ₃ CN and K ⁺ -dibenzo-18-crown-6-H ₂ O-CH ₃ CN (1999) Russian Journal of Inorganic Chemistry, 44 (2), pp. 284-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444392749&partnerID=40&md5=77cbf6513f71e139a06149e4969d551e
	Larina, O.V., Partolina, A.M., Petrun'kina, T.A., Bondarev, N.V.	Thermodynamics of formation of 1 : 1 complexes of Ag(I) with 18-crown-6 in aqueous methanol (1999) Russian Journal of General Chemistry, 69 (3), pp. 363-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033244133&partnerID=40&md5=13c36f54331d8c9324a881723464f122

	Bondarev, N.V.	Quantitative estimation of the role played by aqueous-organic solvents in formation of monocrown complexes of sodium and potassium ions (1999) Russian Journal of Physical Chemistry A, 73 (6), pp. 899-904.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033246662&partnerID=40&md5=028d125ecb3630651fc49911581b6de
	Bondarev, N.V.	The influence of water-isopropanol solvent composition on the thermodynamic characteristics of formation of 18-crown-6 ether complexes with potassium and sodium ions (1999) Russian Journal of Physical Chemistry A, 73 (1), pp. 68-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033248191&partnerID=40&md5=99430ae9dc518fffc4ae85da7d24b96
	Kabakova, E.N., Bondarev, N.V.	Thermodynamic characteristics of complex formation between K ⁺ and Na ⁺ ions and 18-crown-6 in water-methanol mixtures (1998) Zhurnal Fizicheskoi Khimii, 72 (7), pp. 1196-1199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000731590&partnerID=40&md5=34b31c55a38c5f948f609d18d81f423b
	Kabakova, E.N., Bondarev, N.V.	Study of complexation of K ⁺ ions with 18-crown-6 in water-acetone mixtures by the potentiometric method at 283.15-318.15K (1998) Zhurnal Neorganicheskoi Khimii, 43 (5), pp. 820-822.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007241795&partnerID=40&md5=50597bb040fc3f35af2f633f479a718a
	Larina, O.V., Kern, A.P., Larina, T.V., Bondarev, N.V.	Thermodynamics of solution of sodium nitrate and perchlorate in water-dimethylsulfoxide and water-dioxane mixtures (1998) Zhurnal Fizicheskoi Khimii, 72 (5), pp. 799-802.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007860236&partnerID=40&md5=34a160fda642b9713eed23b0dbfbfac6
	Chavgun, N.V., Zaitseva, I.S., Kabakova, E.N., Bondarev, N.V.	Thermodynamics of Molecular Recognition of Ammonium Ion with 18-Crown-6 in Water-Metanol Mixtures (1998) Russian Journal of General Chemistry, 68 (8), pp. 1209-1211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032244043&partnerID=40&md5=86f42c2ccb9152e59a8ee2f0071e3b69
	Kabakova, E.N., Bondarev, N.V.	Thermodynamic Characteristics of Complex Formation between K ⁺ and Na ⁺ Ions and 18-Crown-6 in Water-Methanol Mixtures (1998) Russian Journal of Physical Chemistry A, 72 (7), pp. 1067-1070.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032336287&partnerID=40&md5=15f60cf3f1104e27acf3b4a476eccb8
	Kabakova, E.N., Bondarev, N.V.	Complexation of K ⁺ Ions with 18-Crown-6 in Water-Acetone Mixtures at 283.15-318.15 K by Potentiometry (1998) Russian Journal of Inorganic Chemistry, 43 (5), pp. 743-745.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542643239&partnerID=40&md5=53c572a29ca8e22058fba65e29eb0de9
	Larina, O.V., Kern, A.P., Larina, T.V., Bondarev, N.V.	Thermodynamics of solution of sodium nitrate and perchlorate in water-dimethylsulfoxide and water-dioxane mixtures (1998) Russian Journal of Physical Chemistry A, 72 (5), pp. 698-701.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032391688&partnerID=40&md5=46c982a5c742b1c6744440373bb9880
	Didi, Yu., Kern, A.P., Tsurko, E.N., Bondarev, N.V.	Thermodynamics of Complex Formation and Solvation in the Systems M-18-Crown-6-H ₂ O-2-Propanol (M = Na ⁺ , K ⁺) (1998) Russian Journal of General Chemistry, 68 (5), pp. 715-719.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032328693&partnerID=40&md5=2fdf25dadd15695a89ee1e2c39c0be7a
	El'tsov, S.V., Kabakova, E.N., Bondarev, N.V.	Influence of the composition of water-acetonitrile and water-methane mixtures on the stability of complexes Na ⁺ and R ⁺ with 18-crown-6 ether (1998) Ukrainskij Khimicheskij Zhurnal, 64 (3-4), pp. 84-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032010475&partnerID=40&md5=51f2e69e8472eed1c52627cc82c97fc1
	El'tsov, S.V., Doroshenko, A.O., Bondarev, N.V.	Thermodynamics of Dissolution and Solvation of Dibenzo-18-crown-6 in Water, Acetonitrile, and Their Mixtures at 298.15-318.15 K (1998) Russian Journal of General Chemistry, 68 (3), pp. 346-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032327112&partnerID=40&md5=30ab689bbf47efa3f0d7ecd269448737
	Kabakova, E.N., Tsurko, E.N., Bondarev, N.V.	Thermodynamics of molecular recognition of K ⁺ and Na ⁺ ions with 18-crown-6 in water-acetone mixtures (1998) Jianzhu Jieguo Xuebao/Journal of Building Structures, 19 (6), pp. 23-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031602076&partnerID=40&md5=343fee1ed6da863e3d483f83378fde9a
	Kabakova, E.N., Bondarev, N.V.	Study of Na ⁺ Ion Complex Formation with 18-Crown-6 in Water-Acetone Mixtures by the Potentiometric Technique at 283.15-318.15 K (1997) Zhurnal Neorganicheskoi Khimii, 42 (7), pp. 1208-1210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007256327&partnerID=40&md5=97de2d0cbdd2b39a86ea3c87ea12e72c
	El'tsov, S.V., Yarmotenko, S.N., Ponomarev, O.A., Bondarev, N.V.	Spectrophotometric Characterization of M ⁺ [Dibenzo-18-Crown-6] (M ⁺ = Na ⁺ , K ⁺) Complexes in Water-Acetonitrile Mixtures (60, 80 wt % AN) (1997) Zhurnal Neorganicheskoi Khimii, 42 (7), pp. 1217-1219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444387616&partnerID=40&md5=80c80397ceb59304186b550efc430056
	El'tsov, S.V., Tsurko, E.N., Bondarev, N.V.	Transfer Coefficients of Salts in Water-Acetonitrile-18-crown-6 Mixtures (1997) Russian Journal of General Chemistry, 67 (10), pp. 1522-1525.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031327842&partnerID=40&md5=accc8329fc4cf3d60c5ac4eb0c84cee
	Larina, O.V., Kern, A.P., Bondarev, N.V.	Calorimetric Study of Na ⁺ Complex Formation with 18-Crown-6 in Water-Methanol Mixtures (1997) Russian Journal of General Chemistry, 67 (9), pp. 1351-1354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031379198&partnerID=40&md5=14336b9175324d6b36673afb6523fb6c
	El'tsov, S.V., Kern, A.P., Zholnovach, A.M., Bondarev, N.V.	Effect of the Acetonitrile-Water Solvent on the Energy of Complex Formation of the Na ⁺ and K ⁺ Ions with the 18-Crown-6 and Dibenzo-18-Crown-6 Ethers (1997) Russian Journal of General Chemistry, 67 (9), pp. 1342-1350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031331213&partnerID=40&md5=8be39bc689b7ee7fc3ef36980f9075
	Didi, Yu., Borodenko, V.I., Tsurko, E.N., Bondarev, N.V.	Thermodynamics of Complex Formation of Ag(I) with Acetate Ion in Water-2-Propanol Mixtures at 288.15-318.15 K (1997) Russian Journal of General Chemistry, 67 (8), pp. 1175-1179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031329775&partnerID=40&md5=97df44daa1119ba023f4a98b101d173
	Kabakova, E.N., Bondarev, N.V.	Complexation of the Na ⁺ Ion with 18-Crown-6 in Water-Acetone Mixtures at 283.15-318.15 K by Potentiometry (1997) Russian Journal of Inorganic Chemistry, 42 (7), pp. 1092-1094.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542638780&partnerID=40&md5=b3c1a2afd5ced00631ad47501545c7fa
	El'tsov, S.V., Yarmolenko, S.N., Ponomarev, O.A., Bondarev, N.V.	Spectrophotometric Characterization of M ⁺ [Dibenzo-18-Crown-6] (M ⁺ = Na ⁺ , K ⁺) Complexes in Water-Acetonitrile Mixtures (60, 80 wt % AN) (1997) Russian Journal of Inorganic Chemistry, 42 (7), pp. 1101-1103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542538436&partnerID=40&md5=c8566160d72502d22c9d94b64158a5d7
	Didi, Yu., Tsurko, E.N., Bondarev, N.V.	Stability Constants of the Na ⁺ Complex with 18-Crown-6 in Aqueous 2-Propanol at 283.15-318.15 K (1997) Russian Journal of General Chemistry, 67 (6), pp. 828-830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031330813&partnerID=40&md5=daac7415a3bc6f2b8a3c33637287c4
	Brazhnikova, D.A., El'tsov, S.V., Bondarev, N.V.	Thermodynamics of Formation of Magnesium(II) Complexes with 18-Crown-6 in Aqueous Acetonitrile Solutions (1997) Russian Journal of General Chemistry, 67 (6), pp. 845-849.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031374086&partnerID=40&md5=1aaa3d8792ac202c4009437dcca17055
	Didi, Yu., Bondarev, N.V.	Stability Constants of the Complex K18C6 ⁺ in Water-2-Propanol Mixtures (1996) Russian Journal of General Chemistry, 66 (8), pp. 1227-1230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030335634&partnerID=40&md5=c68dfa38627e8932f47a3837c4434b1e
	El'tsov, S.V., Yurchenko, V.A., Bondarev, N.V.	Constants of Complex Formation of Na ⁺ and K ⁺ Ions with 18-Crown-6 in Water-Acetonitrile Mixtures (1996) Russian Journal of General Chemistry, 66 (4), pp. 535-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030335173&partnerID=40&md5=d20f2d0f0522899df0814c7086915a49
	Lipovetskaya, E.E., Kabakova, E.N., Bondarev, N.V.	Thermodynamics of Complex Formation of Metal Ions with Crown Ethers. Na ⁺ -18-Crown-6-H ₂ O-Methanol System (1996) Russian Journal of General Chemistry, 66 (2), pp. 194-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030336579&partnerID=40&md5=640b8925696b49f4c2a892ce495530
	Kabakova, E.N., Shevchenko, I.A., Zholnovach, A.M., Bondarev, N.V.	Thermodynamics of Complex Formation of Metal Ions with Crown Ethers. K ⁺ -18-Crown-6-H ₂ O-Methanol System (1996) Russian Journal of General Chemistry, 66 (2), pp. 198-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030335975&partnerID=40&md5=3bb55634d1b49560105a515eaff85626
	Kabakova, E.N., Pereverzev, A.Yu., Bondarev, N.V.	Thermodynamic parameters of K ⁺ -18-crown-6 ether complexes in water-methanol mixture (20 and 40 wt %) (1996) Ukrainskij Khimicheskij Zhurnal, 62 (1-2), pp. 21-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029677528&partnerID=40&md5=d9f48c12745647e21d4fee53f8e0db
	Bondarev, N.V. , Kern, A.P., Tsurko, E.N.	Thermodynamics of NaNO ₃ , NaClO ₄ and perchloric acid solvation in water-methanol solvent at 298.15 K (1996) Ukrainskij Khimicheskij Zhurnal, 62 (1-2), pp. 86-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029677562&partnerID=40&md5=8db91f64b58bec238565e408203eeca4
	Bondarev, N.V.	Interrelation between thermodynamic characteristics of solvation, dissociation and complexation in solutions (1995) Ukrainskij Khimicheskij Zhurnal, 61 (11-12), pp. 14-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029395592&partnerID=40&md5=250e78f102e84f12dc67525a5ed7c8bc
37	Butrym, A.Y.	Mode Expansion in Time Domain technique for short pulse propagation in a regular waveguide with inhomogeneous smooth varying filling (2016) 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724165, pp. 117-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000386262&doi=10.1109%2FUWBUSIS.2016.7724165&partnerID=40&md5=48a7d09628682c58c2ca7319b3a22121

Legenkiy, M., Butrym, A.	Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538198, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984293&doi=10.1109%2FMSMW.2016.7538198&partnerID=40&md5=9abdcff88ac8ec1e85f0d337a8ce9cc
Antyufeyeva, M.S., Butrym, A.Y. , Kolchigin, N.N., Legenkiy, M.N., Maslovskiy, A.A., Osinovy, G.G.	Specific RCS for describing the scattering characteristic of complex shape objects (2016) Progress In Electromagnetics Research M, 52, pp. 191-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010399555&doi=10.2528%2FIERM16042907&partnerID=40&md5=9fc56d51071e042001b995c72de84d6
Butrym, A.Yu. , Legenkiy, M.N.	Time domain analysis of transient radiation of dipole in dielectric sphere (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136787, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939425553&doi=10.1109%2FICATT.2015.7136787&partnerID=40&md5=c92c0bac1fd1f33b673752521c1e2e
Legenkiy, M.N., Butrym, A.Yu.	Physical features of mode basis in open dielectric structures with discrete and continuous spectrum (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (10), pp. 863-880.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901754382&doi=10.1615%2FTelecomRadEng.v73.i10.20&partnerID=40&md5=77924856b9f6cac25704bbf92749b9a
Legenkiy, M., Butrym, A. , Antyufeyeva, M.	Evaluation of on-ground object radar detectability reduction (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928746, pp. 254-257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910051033&doi=10.1109%2FMMET.2014.6928746&partnerID=40&md5=56de271b8b9b83a3a3b007d4e7285fdb
Legenkiy, M.N., Butrym, A.Yu.	Fast pulse guided wave in an optical waveguide (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622001, pp. 207-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888599030&doi=10.1109%2FMSMW.2013.6622001&partnerID=40&md5=e20b6151e91bb1b2fc9a2532dfa73da3
Legenkiy, M.N., Butrym, A.Yu. , Sharkova, M.S.	About possibility to create a small antenna based on inhomogeneous biconical line (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622092, pp. 470-472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888586863&doi=10.1109%2FMSMW.2013.6622092&partnerID=40&md5=9df8ae63e998aff3107c74e147fe46f8
Antyufeyeva, M., Butrym, A. , Khardikov, V.	Report on 2012 6th international conference on ultra-wideband and ultra-short impulse signals (2013) IEEE Antennas and Propagation Magazine, 55 (2), art. no. 6529367, pp. 269-274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897711956&doi=10.1109%2FMAP.2013.6529367&partnerID=40&md5=8a1bc4379ecad42038a77ae1117fd19a
Kochetov, B.A., Butrym, A.Y.	Axially symmetric transient electromagnetic fields in a radially inhomogeneous biconical transmission line (2013) Progress In Electromagnetics Research B, (48), pp. 375-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875261188&doi=10.2528%2FIERB13011305&partnerID=40&md5=f7477218d3d290db171b6fbfe7ea808e
Legenkiy, M.N., Butrym, A.Y.	Excitation of fast pulse guided wave in receiving dielectric rod antenna (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650806, pp. 444-446.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898652108&doi=10.1109%2FICATT.2013.6650806&partnerID=40&md5=1ab86ead357fe4d434a7015325081bfa
Legenkiy, M., Butrym, A.	Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331278, pp. 172-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870805147&doi=10.1109%2FMMET.2012.6331278&partnerID=40&md5=a4704f3ae595b6650cc4fe9da00e0f35
Butrym, A.Yu.	Mode expansions in time domain (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379727, pp. 47-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872242886&doi=10.1109%2FUWBUSIS.2012.6379727&partnerID=40&md5=91ea3dde4b6071123dd107b17cd0fea
Butrym, A.Yu. , Zhurbenko, V.V.	Anomalous wideband absorption in ultrathin copper wires (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379817, pp. 317-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872237479&doi=10.1109%2FUWBUSIS.2012.6379817&partnerID=40&md5=8151d7b9fe1e666b308ba6b3a1bcd8f6
Kochetov, B.A., Butrym, A.Yu.	Rigorous calculation of ultra short pulse propagation in a shielded microstrip line using coupled mode expansion in time domain (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379807, pp. 284-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872248777&doi=10.1109%2FUWBUSIS.2012.6379807&partnerID=40&md5=560df8d956ae6c906fb486b89d29f13
Butrym, A.Yu. , Legenkiy, M.N.	Properties of pulse surface waves in a dielectric waveguide (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379814, pp. 309-311.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872257295&doi=10.1109%2FUWBUSIS.2012.6379814&partnerID=40&md5=55b125ae0b509b2a218cfd9ee6acc708
Kostiev, A.Yu., Butrym, A.Yu. , Shulga, S.N.	Time-varying wiener filtering based on short-time fourier transform (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379813, pp. 305-308.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872251444&doi=10.1109%2FUWBUSIS.2012.6379813&partnerID=40&md5=b5c1dd3ff9d4f7d525274e0c6159decb
Butrym, A.Yu. , Legenkiy, M.N., Hao, X.	Effects of tem-horn antenna tapering (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379784, pp. 215-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872230984&doi=10.1109%2FUWBUSIS.2012.6379784&partnerID=40&md5=c2c6b189f86a58a0292e62fee5dbaf6f
He, S., Shulga, S.N., Kokodity, N.G., Gorobets, N.N., Kiiko, V.I., Butrym, A.Yu. , Zheng, Yu.	Interaction of electromagnetic waves in a waveguide with very thin wires (2011) Journal of Communications Technology and Electronics, 56 (10), pp. 1193-1196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83155167658&doi=10.1134%2FIS1064226911100123&partnerID=40&md5=4aeefe9a25b62fa5db6702f22f074e5
Legenkiy, M., Butrym, A.	Pulse signals in open circular dielectric waveguide (2011) Progress In Electromagnetics Research Letters, 22, pp. 9-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955381969&partnerID=40&md5=170b8ac54172bd3599685a40b4aee63
Butrym, A.Yu.	Mode expansions in time domain (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609088, pp. 49-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650159269&doi=10.1109%2FUWBUSIS.2010.5609088&partnerID=40&md5=0b277a8d7efea1a9784b63eaf183970
Kochetov, B.A., Butrym, A.Yu.	Transient wave propagation in radially inhomogeneous biconical line (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609099, pp. 71-73.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650104701&doi=10.1109%2FUWBUSIS.2010.5609099&partnerID=40&md5=1cda0f9a4bf7b410e6d1553f489f7412
Legenkiy, M.N., Butrym, A.Yu.	Impulse signal propagation in open dielectric circular waveguide (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609170, pp. 119-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650151954&doi=10.1109%2FUWBUSIS.2010.5609170&partnerID=40&md5=d70fa23a16dde11bcc34cf3beba3236f
Legenkiy, M., Butrym, A.	Modeling pulse radiation of rod antenna by method of mode matching in time domain (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611396, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649299039&doi=10.1109%2FMMET.2010.5611396&partnerID=40&md5=0dfdd4b8736f31dee537c2d7abbc49c0
Legenkiy, M.N., Butrym, A.Yu.	Mode basis construction for open dielectric circular waveguide by integral equation method (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546185, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957360760&doi=10.1109%2FMSMW.2010.5546185&partnerID=40&md5=de69286778ebccdd86db1167ac20c90c
Shi, H., Shulga, S.N., Kokodity, N.G., Gorobets, N.N., Kiiko, V.I., Butrym, A.Yu. , Kharkov, V.N.K.	Interaction of electromagnetic waves in a waveguide with very thin wires (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546021, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957376212&doi=10.1109%2FMSMW.2010.5546021&partnerID=40&md5=3e8a1715f076bf493fab88175a10289b
Legenkiy, M.N., Butrym, A.Y.	Method of mode matching in time domain (2010) Progress In Electromagnetics Research B, (22), pp. 257-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955495910&partnerID=40&md5=ee581f779d6f1b707470d34d471a1229
Butrym, A.Y. , Kochetov, B.A.	Mode expansion in time domain for conical lines with angular medium inhomogeneity (2010) Progress In Electromagnetics Research B, (19), pp. 151-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861006036&partnerID=40&md5=a4643eeac939f2a0b151ff387e1766fd
Antyufeyeva, M.S., Butrym, A.Y. , Tretyakov, O.A.	Transient electromagnetic fields in a cavity with dispersive double negative medium (2009) Progress In Electromagnetics Research M, 8, pp. 51-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76249118020&doi=10.2528%2FIERM09062307&partnerID=40&md5=8ea8ab3d90bb5797710aac0ad40d9730

	Durneva, Yu.V., Butrym, A.Yu. , Shul'Ga, S.N.	Spatial noise filtering in magnetocardiographic measurements (2009) Journal of Communications Technology and Electronics, 54 (11), pp. 1292-1297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-75749114148&doi=10.1134%2FIS1064226909110084&partnerID=40&md5=7cd0e80d8f78966f3991989e4472bc6
	Butrym, A.Y. , Kochetov, B.A., Legenkiy, M.N.	Numerical analysis of simple TEM conical-like antennas using mode matching in time domain (2009) European Conference on Antennas and Propagation, EuCAP 2009, Proceedings, art. no. 5068342, pp. 3471-3475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349859930&partnerID=40&md5=7665d6655eb7eaf9d27778da87af5f4
	Butrym, A.Y. , Legenkiy, M.N.	Charge transport by a pulse E-wave in a waveguide with conductive medium (2009) Progress In Electromagnetics Research B, (15), pp. 325-346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-69949101502&partnerID=40&md5=b7996921bf348912d9dc2c80ab0f2feff
	Antyufeyeva, M.S., Butrym, A.Yu. , Tretyakov, O.A.	Microwave oscillations in a cavity with dispersive double negative medium (2008) 2008 Proceedings of Microwaves, Radar and Remote Sensing Symposium, MRRS 2008, art. no. 4669556, pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749108194&doi=10.1109%2FMRRS.2008.4669556&partnerID=40&md5=c7fa91cb6bd0885614f329a728376a07
	Antyufeyeva, M.S., Butrym, A.Yu. , Tretyakov, O.A.	Transient oscillations in a cavity with dispersive double negative medium (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669426, pp. 252-254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749104900&doi=10.1109%2FUWBUS.2008.4669426&partnerID=40&md5=6a5db18660c8db130435bffd0ecc9
	Durneva, Yu.V., Butrym, A.Yu. , Shul'Ga, S.N.	A model of several dipoles in free space in the primary processing of magnetocardiographic data (2008) Journal of Communications Technology and Electronics, 53 (11), pp. 1339-1344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57049099285&doi=10.1134%2FIS1064226908110065&partnerID=40&md5=92c7865a15487434a1ad8af95514e1d1
	Kochetov, B., Butrym, A.	Some exact solutions of transient problems of electrodynamics in spherical coordinate system obtained by symmetry analysis of Klein-Gordon-Fock equation (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580971, pp. 291-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749092391&doi=10.1109%2FMMET.2008.4580971&partnerID=40&md5=78a0db0fc03252b79cb0ba67f7b2ee
	Legenkiy, M., Butrym, A.	Mode basis method for open dielectric waveguides (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4581005, pp. 392-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749091944&doi=10.1109%2FMMET.2008.4581005&partnerID=40&md5=ae4026370362807f8fc14ffid4593088
	Butrym, A. , Durneva, Yu., Shulga, S.	Application of optimal spatial filtering to measuring magnetic fields of local sources (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4581012, pp. 412-414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749101488&doi=10.1109%2FMMET.2008.4581012&partnerID=40&md5=8d2b8397c836e0154a6c708be8939092
	Butrym, A.Yu. , Kochetov, B.A.	Mode basis method for spherical TEM - transmission lines and antennas (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425171, pp. 243-245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849134609&doi=10.1109%2FICATT.2007.4425171&partnerID=40&md5=70cb81507d3f67269d46e66208bda4
	Butrym, A.Yu. , Legenkiy, M.N.	Absorbing boundary condition for FDTD modeling of waveguides with lossy medium (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294641, pp. 298-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249083452&doi=10.1109%2FMSMW.2007.4294641&partnerID=40&md5=851178fe89cf5c1306d2fd25082475
	Butrym, A.Yu. , Legenkiy, M.N.	Comparison of absorbing boundary conditions for numerical analysis of periodic structures (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425170, pp. 239-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849092647&doi=10.1109%2FICATT.2007.4425170&partnerID=40&md5=5ab8ace96cc1133b59c557b7590d3080
	Butrym, A. , Yu, Z.	Transient spherical wave front steady in the near zone of an antenna (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425172, p. 246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849110035&doi=10.1109%2FICATT.2007.4425172&partnerID=40&md5=aea6162048bba0b5ed7511c2a052e38
	Butrym, A.Yu. , Durnyeva, Yu.D., Shulga, S.N.	Sensitivity characteristics of different configurations of software gradiometers used in magnetocardiography (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425198, pp. 317-319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849121424&doi=10.1109%2FICATT.2007.4425198&partnerID=40&md5=cec938be1d7121bddd4d25de9adfa893
	Butrym, A. , Zheng, Y.	Time and amplitude centre of an impulse wavebeam (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099311, pp. 350-352.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249114291&doi=10.1109%2FUWBUS.2006.3072538&partnerID=40&md5=50c480809880f18b29245fcc4e2516cc
	Butrym, A. , Lyogenkiy, M., Zheng, Y.	Charge transport by a pulse E-wave in a waveguide filled with conductive medium (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099289, pp. 285-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849130641&doi=10.1109%2FUWBUS.2006.307231&partnerID=40&md5=c4f1b51df69d446772fde1ccca4700f0
	Bagatskaya, O., Butrym, A. , Durneva, Yu., Shulga, S., Tuz, V.	Two-dipole inverse problem of magnetostatics for reconstruction of heart electric activity from magnetocardiography measurements (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689723, pp. 132-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547319717&partnerID=40&md5=433d49ecac3ba789fe79df5272f48ac
	Butrym, A. , Pivnenko, S., Kolchigin, N.	Processing band-limited antenna measurements to reconstruct antenna impulse response on example of resistively loaded Vivaldi antenna (2006) European Space Agency, (Special Publication) ESA SP, 626 SP, 5 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847413291&partnerID=40&md5=17eb86c5dc2a8998e64d145f53ffa237
	Butrym, A. , Pivnenko, S.	CPW to CPS transition for feeding UWB antennas (2006) IEEE Aerospace and Electronic Systems Magazine, 21 (2), pp. 21-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644650549&doi=10.1109%2FMAES.2006.1599138&partnerID=40&md5=19b9547098e705e01dd8684d3eaa2b8
	Butrym, A.Yu. , Kazanskiy, O.V., Kolchigin, N.N.	Van Atta's array consist of tapered slot antennas for wideband pulse signals (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496931, pp. 221-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745440483&doi=10.1109%2FICATT.2005.1496931&partnerID=40&md5=4df1a4604389016d39a85da888245ef1
	Butrym, A. , Pivnenko, S.	CPW to CPS transition for feeding UWB antennas (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 107-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644364211&partnerID=40&md5=58f537889b698d97077426e0c813336d
	Butrym, A.Yu. , Zheng, Yu., Dumin, A.N., Tretyakov, O.A.	Transient wave beam diffraction by lossy dielectric half space (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 321-323.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344262655&partnerID=40&md5=d573c2817c3110ae572826aca59a133
	Butrym, A.Yu. , Kazansky, O.V., Litvinov, D.D., Kolchigin, N.N.	The time delay effect on the pulse radiation of a tapered slot antenna array (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 268-270.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644394349&partnerID=40&md5=e520a2df8a9f954fbd4f7f376e891ad
	Dumin, A.N., Butrym, A.Yu. , Tretyakov, O.A., Katrich, V.A., Dumina, O.A.	Transient electromagnetic fields in unbounded space with inhomogeneous medium (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 104-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644365686&partnerID=40&md5=947afbc12577526c5cdc266b6292a936
	Butrym, A.Yu. , Zheng, Y., Tretyakov, O.A.	Transient diffraction on a permittivity step in a waveguide: Closed-form solution in time domain (2004) Journal of Electromagnetic Waves and Applications, 18 (7), pp. 861-876.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042526321&doi=10.1163%2F156939304323105709&partnerID=40&md5=70d361c168af4bcc05e3e92c48523aef
	Butrym, A.Yu. , Ivanchenko, D.D., Kazansky, O.V., Koichigin, N.N.	The radiation of wideband signals by tapered slot antennas with synthesized profile (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238814, pp. 598-600.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650533379&doi=10.1109%2FICATT.2003.1238814&partnerID=40&md5=534fd4b67cb452ca2e4507d97ea4f28
	Butrym, A.Yu. , Yu, Z., Tretyakov, O.A.	Energy flow in lossy waveguides for impulse wave propagation (2003) ISAPE 2003 - 2003 6th International Symposium on Antennas, Propagation and EM Theory, Proceedings, art. no. 1276812, pp. 819-822.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945161922&doi=10.1109%2FISAPE.2003.1276812&partnerID=40&md5=c7d694a1508610dc6712e946b18553ce
	Butrym, A.Yu. , Zheng, Y., Tretyakov, O.A.	Impulse wave diffraction on a permittivity step in a waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238816, pp. 605-608.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946141647&doi=10.1109%2FICATT.2003.1238816&partnerID=40&md5=64616ba561e3fe0f2c4acd70c6a59f9e
	Butrym, A.Yu. , Kazansky, O.V., Kolchigin, N.N., Pivnenko, S.N.	Radiation of short pulse signals from arrays of tapered slot antennas (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238815, pp. 601-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946108756&doi=10.1109%2FICATT.2003.1238815&partnerID=40&md5=c908d061244c682be8ea589b6bcae3aa
	Butrym, A.Yu. , Tretyakov, O.A.	Electromagnetic signals in a waveguide filled with an inhomogeneous time-variant medium (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106865, pp. 213-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749116162&doi=10.1109%2FMMET.2002.1106865&partnerID=40&md5=405e2c4f1e9960508bd3fc3ce3a13060

	Butrym, A.Yu. , Kazansky, O.V., Katrich, V.A., Kolchigin, N.N.	Pulse radiation of tapered slot antenna array (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137245, pp. 303-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968773507&doi=10.1109%2FICRMI2002.1137245&partnerID=40&md5=ad4b0765812ed7960dd11b7909affe56
	Butrym, A.Yu. , Kolchigin, N.N., Pivnenko, S.N.	Control of the aperture pulse radiation direction with the help of non-synchronous excitation (2001) Radiotekhnika, (6), pp. 29-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035773041&partnerID=40&md5=cb2cdddb85e6920e1cdc0a308131088d
38	Dzyubenko, M.I., Maslov, V.A. , Radionov, V.P.	Terahertz waveguide laser with smooth adjustment of feedback (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851387, pp. 91-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015311139&doi=10.1109%2FCAOL.2016.7851387&partnerID=40&md5=bc5d901853c921d6562670380fae679c
	Steshenko, S.O., Kirilenko, A.A., Maslov, V.A.	Mode selective properties of concentric metal rings on a dielectric substrate in a circular waveguide (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851447, pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015266541&doi=10.1109%2FCAOL.2016.7851447&partnerID=40&md5=d29ac966d56105828507255cbcf2a030
	Gurin, O.V., Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A. , Ryabykh, V.N., Senyuta, V.S., Topkov, A.N.	Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851440, pp. 235-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015289407&doi=10.1109%2FCAOL.2016.7851440&partnerID=40&md5=eb7cdae7aea357e237f446b801faef7
	Dzyubenko, M.I., Radionov, V.P., Maslov, V.A.	Applying of the flat circular metal gratings as spherical output mirrors of terahertz lasers (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988038776&doi=10.1109%2FMSMW.2016.7538117&partnerID=40&md5=e046ead10c61f4ef787459c08c4267d0
	Dzyubenko, M.I., Maslov, V.A. , Radionov, V.P.	Laser resonator with infinitely adjustable of light output (2016) Conference Proceedings - 2016 IEEE 13th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2016, art. no. 7851227, pp. 51-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015670179&doi=10.1109%2FLFN2016.7851227&partnerID=40&md5=fbfc9db58767fe9b7b5386181342eb83
	Gurin, O.V., Degtiariv, A.V., Maslov, V.A. , Ryabykh, V.N., Topkov, A.V.	Terahertz laser waveguide resonators with internal spherical mirrors (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (18), pp. 1665-1677.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014323031&doi=10.1615%2FTelecomRadEng.v75.i18.60&partnerID=40&md5=54f3371339258c32edf10e581f0ba9e8
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Senyuta, V.S., Topkov, A.N.	Propagation and focusing of modes of dielectric resonators of terahertz range lasers (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (7), pp. 629-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941648042&doi=10.1615%2FTelecomRadEng.v74.i7.60&partnerID=40&md5=b08b1848801e9065b971d1007b9f670c
	Gurin, O.V., Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A. , Svich, V.A., Senyuta, V.S., Topkov, A.N.	Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (20), pp. 1819-1830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918513385&partnerID=40&md5=8ff88ed988dca0d323782eaf4b3c1896
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Senyuta, V.S., Topkov, A.N., Khardikov, V.V.	The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (14), pp. 1229-1239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906053308&doi=10.1615%2FTelecomRadEng.v73.i14.20&partnerID=40&md5=e433302827c07e9fd542759df4bce7a
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Senyuta, V.S., Svich, V.A., Topkov, A.N.	Propagation and focusing of modes of the dielectric resonator of terahertz laser (2014) Proceedings - 2014 International Conference Laser Optics, LO 2014, art. no. 6886325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906979449&doi=10.1109%2FL2014.6886325&partnerID=40&md5=bcfa38b0ae764cd373d284e183c57b9d
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Senyuta, V.S., Svich, V.A., Topkov, A.N.	Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622183, pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8488606474&doi=10.1109%2FMSMW.2013.6622183&partnerID=40&md5=a81c8b055be670395d157b8a3966847
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N., Ruban, T.F.	Formation of a quasi-uniform output beam in the waveguide CO2 laser (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 6657564, pp. 160-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893764949&doi=10.1109%2FCAOL.2013.6657564&partnerID=40&md5=c394a230c4c9ebc91a55f36a1140009
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Senyuta, V.S., Topkov, A.N.	Radiation characteristics of the metal waveguide resonator with a inclined mirror (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (14), pp. 1349-1359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883219791&doi=10.1615%2FTelecomRadEng.v72.i14.70&partnerID=40&md5=86be38997b390d770ce5a8de7bf3e1e
	Vlasenko, S.A., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Waveguide CO2 laser with a quasi-homogeneous distribution of the output radiation intensity (2013) Quantum Electronics, 43 (5), pp. 472-476.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878878800&doi=10.1070%2FQE2013.v043n05ABEH014988&partnerID=40&md5=f4280bbaae8a5ce5e3f793ae9867e683
	Gurin, O.V., Degtyarev, A.V., Khardikov, V.V., Maslov, V.A. , Svich, V.A., Senyuta, V.S., Topkov, A.N.	Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331253, pp. 312-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870788318&doi=10.1109%2FMMET.2012.6331253&partnerID=40&md5=ec788de10ed4a829ba9d72e722ba0dce
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Senyuta, V.S., Svich, V.A., Topkov, A.N.	Metallic waveguide cavity with a spherical mirror (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, art. no. 6145046.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857508373&doi=10.1109%2FLFN2011.6145046&partnerID=40&md5=54930f9f55d40d3dd5f2c864828ba00
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Senyuta, V.S., Topkov, A.N.	Transmission characteristics of metal circular waveguides in terahertz range (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069179, pp. 850-851.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142317&partnerID=40&md5=24966d9205d770fc064f08d32472722
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Senyuta, V.S., Topkov, A.N.	Transmission characteristics of circular metallic waveguides for terahertz radiation (2011) Quantum Electronics, 41 (9), pp. 853-857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054700792&doi=10.1070%2FQE2011.v041n09ABEH014634&partnerID=40&md5=8dc7d0b73223485d24a3f479b0c596d
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Calculation of transmitted characteristics for metal waveguides in terahertz range (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW2010, art. no. 5546044.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957347755&doi=10.1109%2FMSMW.2010.5546044&partnerID=40&md5=964cca2f1d2d47d5d86f617f3fe9a8f
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Selection of the higher transverse modes of a waveguide quasi-optical resonator (2010) Quantum Electronics, 40 (1), pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950360990&doi=10.1070%2FQE2010.v040n01ABEH014142&partnerID=40&md5=fbd5fc0b6b02ce392b9887acb552784b3
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V., Topkov, A.N., Ruban, T.P.	Metal waveguide resonator with a tilted mirror (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, art. no. 5634222, pp. 169-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650335164&doi=10.1109%2FCAOL.2010.5634222&partnerID=40&md5=ebc15f5c99b4d6e3f83a70ddb242443
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Formation of quasi-homogeneous output oscillation in the waveguide metal rectangular resonator with a heterogeneous mirror (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (14), pp. 1285-1292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915733389&partnerID=40&md5=cc04d5a1e46cb5896b81b415140c71e3
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Selection of the high-order modes in the waveguide resonator by means a phase-shifting mirror (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671990, pp. 297-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849091387&doi=10.1109%2FCAOL.2008.4671990&partnerID=40&md5=30c02ef78c75a238ae1b25592eb97a1e
	Volodenko, A.V., Degtyarev, A.V., Maslov, V.A. , Ruban, T.F., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution of radiation in a waveguide rectangular resonator with a nonuniform mirror (2008) 2008 International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2008, art. no. 4670385, pp. 123-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649201638&doi=10.1109%2FLFN2008.4670385&partnerID=40&md5=26cddde0bab88183ad80fb93caa8392d
	Svich, V.A., Topkov, A.N., Maslov, V.A. , Gurin, O.V.	Forming of a beam with a uniform intensity distribution in the active resonator of waveguide CO2-laser (2008) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 67 (4), pp. 343-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43449140027&doi=10.1615%2FTelecomRadEng.v67.i4.70&partnerID=40&md5=c0333b6975155505840cee282986f2c
	Maslov, V.	Development of a technology for joining glass-ceramics parts with zero thermal expansion (2008) Optical Engineering, 47 (2), art. no. 023401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455145392&doi=10.1117%2F1.2857413&partnerID=40&md5=3a3a74ce1e4ce2b72089fda52d522046

Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Formation of uniform field distributions in a quasi-optical waveguide resonator containing a spherical convex reflector (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (11), pp. 1013-1021.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149037026&doi=10.1615%2FTelecomRadEng.v66.i11.60&partnerID=40&md5=bb969bcd9614834101b6d3b99749431a
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Waveguide quasi-optical resonator with the spherical convex reflector for formation of the uniform output beam (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294612, pp. 213-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249100310&doi=10.1109%2FMSMW.2007.4294612&partnerID=40&md5=7dd821cadcad40a6154f764adfbf6754
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Selective excitation of the high-order modes in the waveguide quasioptical resonator (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294613, pp. 216-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249084778&doi=10.1109%2FMSMW.2007.4294613&partnerID=40&md5=7ec26a6f03a0c6684dc3f7e4ff484b06
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Formation of a non-Gaussian intensity profile in a waveguide quasi-optical resonator with an aspherical reflector (2007) Quantum Electronics, 37 (11), pp. 1065-1070.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39749108846&doi=10.1070%2FQE2007v037n11ABEH013595&partnerID=40&md5=682273d4313e2452d17dbda6b93ee744
Volodenko, A.V., Gurin, O.V., Dyagterev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Waveguide submillimeter laser with a uniform output beam (2007) Quantum Electronics, 37 (1), pp. 63-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147204381&doi=10.1070%2FQE2007v037n01ABEH013295&partnerID=40&md5=811549f7b7f5f6aed478d66f20cfbec
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Formation of the uniform field in the waveguide quasi-optical resonator with the spherical convex reflector (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018242, pp. 206-211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250831088&doi=10.1109%2FLFN.2006.252023&partnerID=40&md5=f4367576f5a44505ae92b60da5b43422
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Transmission and self-imaging of submillimeter laser beams in rectangular metal waveguides (2006) Quantum Electronics, 36 (2), pp. 149-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646416523&doi=10.1070%2FQE2006v036n02ABEH013116&partnerID=40&md5=d22efc8d5f71811522ba7e72595cc0e3
Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N., Ruban, T.F.	Propagation of submillimeter laser beams along hollow oversized waveguides (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, art. no. 1553864, pp. 210-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483118&doi=10.1109%2FCAOL.2005.1553864&partnerID=40&md5=a2fac94f4787150ce4a1c0a8d12855cb
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Kvantovaya Elektronika, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24044505319&partnerID=40&md5=04259715c89d3b678e20de4a1eda3d08
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Quantum Electronics, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18944381444&doi=10.1070%2FQE2005v035n02ABEH002639&partnerID=40&md5=0e388e768390f589ba31782caf05ab50
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Transmission of submillimeter laser beams through metal rectangular waveguides (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244467923&partnerID=40&md5=2e457ef3d0577c9b0170ed11f097ca0
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Transmission of submillimeter beams through oversized hollow waveguides (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 420-421.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644362315&partnerID=40&md5=3d9a801400fb59caf5048ac36b473252
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Transmission of laser beams through hollow metal waveguides (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 692-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544295377&partnerID=40&md5=4859cf7343f23c509abb206bfc36d198
Gurin, O.V., Maslov, V.A. , Svich, V.A., Topkov, A.N., Fursova, Y.V.	Formation of a beam with a uniform intensity distribution of radiation in a waveguide quasi-optical resonator with an amplitude-stepped mirror (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 59 (7-9), pp. 159-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949929193&partnerID=40&md5=e6b37ac1add1d1e7526eb8d841b3a3f3
Gurin, O.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Waveguide CW CO ₂ -laser with a uniform output beam (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, art. no. 1250534, pp. 140-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147202519&doi=10.1109%2FCAOL.2003.1250534&partnerID=40&md5=af98bce826a9967ff4cf59d32fd17143
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Waveguide submillimeter laser with mode selector (2003) Proceedings of LFNM 2003 - 5th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1246075, pp. 65-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946151937&doi=10.1109%2FLFN.2003.1246075&partnerID=40&md5=31a5579461a5dfbf31e1d9f18895c205
Gurin, O.V., Maslov, V.A. , Svich, V.A., Topkov, A.N., Fursova, Y.V.	A resonator for selection and shaping of the fourier mode with a uniform field amplitude profile (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (10-11), pp. 141-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751186902&partnerID=40&md5=952241fb37bc5640b6e79d30db8949
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	A waveguide submillimeter laser with mode selector (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (11-12), pp. 108-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751169148&partnerID=40&md5=7c80eb90eeaa04d3b84fe06791ea497c
Gurin, O.V., Fursova, E.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Waveguide quasi-optical resonator for shaping uniform field (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014098, pp. 34-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945128701&doi=10.1109%2FLFN.2002.1014098&partnerID=40&md5=1ea0a19de41c20165adca94b62dcb714
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Quasioptical laser resonator on the basis of a metal waveguide with coupling holes in mirrors (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014112, pp. 72-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961877298&doi=10.1109%2FLFN.2002.1014112&partnerID=40&md5=a0555c6940389cb2dfe79bcb9a700219
Gurin, O.V., Epishin, V.A., Maslov, V.A. , Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of uniform intensity distribution in a cw CO ₂ laser with a phase-stepped mirror (2001) Kvantovaya Elektronika, 31 (6), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035770144&partnerID=40&md5=3d13805d645378e730d52fd7a3c751c8
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Savich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser resonators containing wave-guide and open sections (2001) Kvantovaya Elektronika, 31 (4), pp. 346-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035766743&partnerID=40&md5=e395309a999fbcb2fc8ce360ad320f4
Gurin, O.V., Yepishin, V.A., Maslov, V.A. , Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a uniform intensity distribution in a cw CO ₂ laser with a phase-stepped mirror (2001) Quantum Electronics, 31 (6), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035373909&doi=10.1070%2FQE2001v031n06ABEH001998&partnerID=40&md5=569ba10d525dc7c049fe0e7440ee613e
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser cavities containing waveguides and open parts (2001) Quantum Electronics, 31 (4), pp. 346-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035315736&doi=10.1070%2FQE2001v031n04ABEH001949&partnerID=40&md5=e6bcd6e1ade91f8c59356dc1c943663
Gurin, O.V., Fursova, E.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Undistorted transmission of radiation beams in form of sombrero and super-gaussian functions along hollow-core dielectric waveguides (2001) Proceedings of LFNM 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 930215, pp. 93-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963831356&doi=10.1109%2FLFN.2001.930215&partnerID=40&md5=080380f70570a51b05dc50d40e6e528a
Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Heterodyne interferometer on the basis of the ring submillimeter laser with bidirectional optical pumping (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947342, pp. 876-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966534395&doi=10.1109%2FMSMW.2001.947342&partnerID=40&md5=269825e68d6f8eaa5b31b97728bcbcb4
Tkachenko, V.M., Gurin, O.V., Degtyarev, A.V., Maslov, V.A. , Svich, V.A., Topkov, A.N.	Mode selection in laser resonators containing waveguide and open sections (2000) Proceedings of LFNM 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 854032, pp. 26-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960341439&doi=10.1109%2FLFN.2000.854032&partnerID=40&md5=1d213acbf86c71317cac2f6b3d8fca7

	Gurin, O.V., Maslov, V.A. , Militinsky, I.M., Svich, V.A., Topkov, A.N.	Formation of beams with uniform field distribution in a generalized confocal open resonator with a graded-phase mirror (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (6), pp. 65-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844526386&partnerID=40&md5=7eb844b57ba8cf61917d87475d62687b
	Gurin, O.V., Maslov, V.A. , Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of beams with uniform intensity profile in laser cavities (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (11), pp. 77-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144462667&partnerID=40&md5=2a910b2c6b7981512a9720a305229e80
	Gurin, O.V., Epishin, V.A., Maslov, V.A. , Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution in a CO ₂ laser with a composite cavity (1998) Kvantovaya Elektronika, 25 (5), p. 428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747261536&partnerID=40&md5=eaeef152b1917715f64fd646c575f
	Gurin, O.V., Epishin, V.A., Maslov, V.A. , Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution in a CO ₂ laser with a generalised confocal cavity (1998) Quantum Electronics, 28 (5), pp. 411-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040579394&doi=10.1070/2fQE1998v028n05ABEH001238&partnerID=40&md5=e6752a8c0274257938549468e15389f
	Yepishin, V.A., Maslov, V.A. , Militinsky, I.M., Svich, V.A., Topkov, A.N.	Modified grating resonator with uniform output beam (1996) Conference on Lasers and Electro-Optics Europe - Technical Digest, p. 168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029746792&partnerID=40&md5=9b85fd02f6aa6cc5b35776e2ef5935e5
	Yepishin, V.A., Maslov, V.A. , Militinsky, I.M., Svich, V.A., Topkov, A.N.	Fourier-mode of open resonator with uniform amplitude on one reflector (1996) Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, p. 162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029712460&partnerID=40&md5=e361539c8b7ca8e58175c89b83c84b39
	Epishin, V.A., Maslov, V.A. , Tkatchenko, V.M., Topkov, A.N., Yundev, D.N.	Compact far infrared laser system (1994) Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting, 8, pp. 348-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028135991&partnerID=40&md5=b1e51b9e53c9aa7f58b11a71178f9d29
	Yepishin, V.A., Maslov, V.A. , Ryabykh, V.N., Svich, V.A., Topkov, A.N.	Undistorted transmission of a beam of radiation along a channel-in-a-dielectric waveguide (1988) Soviet journal of communications technology & electronics, 33 (9), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024079218&partnerID=40&md5=58487845bbc6a6792056c40ac774a77
39	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V. , Kamchatnaya, S.N., Pinto Simoes, V.M.	Conductivity relaxation in strongly underdoped YBa ₂ Cu ₃ O _{7-δ} single crystals (2017) Physica B: Condensed Matter, 518, pp. 47-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020085125&doi=10.1016%2fj.physb.2017.05.020&partnerID=40&md5=0ee0ee89f87a19f11a7ac1cd90e84d
	Savich, S.V., Samoylov, A.V., Kamchatnaya, S.N., Dobrovolskiy, O.V. , Vovk, R.V., Solovjov, A.L., Omelchenko, L.V.	Suppression of the order-disorder transition in Ti-doped YBaCuO compounds (2017) Journal of Materials Science: Materials in Electronics, pp. 1-5. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018464091&doi=10.1007%2f10854-017-6936-0&partnerID=40&md5=008d8f3a95716e74c1d5bd7d2197b7be
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V. , Nazarov, Z.F., Kamchatnaya, S.N.	Effect of hydrostatic pressure on the conductivity of YBa ₂ Cu ₃ O _{7-δ} single crystals in a broad range of temperature and oxygen content (2017) Solid State Communications, 255-256, pp. 20-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015250562&doi=10.1016%2fj.ssc.2017.02.009&partnerID=40&md5=c80788e1424ce995b8794fdacaf17cc
	Dobrovolskiy, O.V. , Sosiedkin, V.V., Sachser, R., Shklovskij, V.A., Vovk, R.V., Huth, M.	Zero-Bias Shapiro Steps in Asymmetric Pinning Nanolandscapes (2017) Journal of Superconductivity and Novel Magnetism, 30 (3), pp. 735-741.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981165401&doi=10.1007%2f10948-016-3642-8&partnerID=40&md5=0643077f1adac85b7978e517bc1394c
	Dobrovolskiy, O.V.	Abrikosov fluxonics in washboard nanolandscapes (2017) Physica C: Superconductivity and its Applications, 533, pp. 80-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001755072&doi=10.1016%2fj.physc.2016.07.008&partnerID=40&md5=bbe3fd72594155bf08182047d416ed26
	Tsindlekht, M.I., Genkin, V.M., Felner, I., Zeides, F., Katz, N., Gazi, Š., Chromik, Š., Dobrovolskiy, O.V. , Sachser, R., Huth, M.	Magnetic moment jumps in flat and nanopatterned Nb thin-walled cylinders (2017) Physica C: Superconductivity and its Applications, 533, pp. 101-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979713196&doi=10.1016%2fj.physc.2016.06.016&partnerID=40&md5=960cae329100443c3a09a249876b098a
	Solovjov, A.L., Omelchenko, L.V., Vovk, R.V., Dobrovolskiy, O.V. , Nazarov, Z.F., Kamchatnaya, S.N., Sergeev, D.M.	Hydrostatic-pressure effects on the pseudogap in slightly doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2016) Physica B: Condensed Matter, 493, pp. 58-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964669653&doi=10.1016%2fj.physb.2016.04.015&partnerID=40&md5=75a354f36e9d4426a276e16d39fc20d3
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V. , Kamchatna, S.N., Chronoes, A.	Modification of superconducting and resistive properties of HoBa ₂ Cu ₃ O _{7-δ} single crystals under application-removal of high hydrostatic pressure (2016) Modern Physics Letters B, 30 (17), art. no. 1650188, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976527810&doi=10.1142%2f179849165001888&partnerID=40&md5=98bad935f0c953ec45fed018d245e048
	Tsindlekht, M.I., Genkin, V.M., Felner, I., Zeides, F., Katz, N., Gazi, Š., Chromik, Š., Dobrovolskiy, O.V. , Sachser, R., Huth, M.	Dc and ac magnetic properties of thin-walled Nb cylinders with and without a row of antidots (2016) Journal of Physics Condensed Matter, 28 (21), art. no. 215701, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84970005853&doi=10.1088%2f0953-8984%2f28%2f21%2f215701&partnerID=40&md5=03a0de4912c7e0cc8e666cc754d909e2
	Dobrovolskiy, O.V. , Hanefeld, M., Zörb, M., Huth, M., Shklovskij, V.A.	Interplay of flux guiding and Hall effect in Nb films with nanogrooves (2016) Superconductor Science and Technology, 29 (6), art. no. 065009, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84970016425&doi=10.1088%2f0953-2048%2f29%2f6%2f065009&partnerID=40&md5=434b6ce27cc4bdcf007dc9b298f94220
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V. , Kamchatnaya, S.N., Nazarov, Z.F.	Electric Charge Transfer and Scattering of Its Carriers in Cuprates of the 1–2–3 System (2016) Journal of Low Temperature Physics, 183 (1-2), pp. 59-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961286740&doi=10.1007%2f10909-016-1513-0&partnerID=40&md5=91beb5231f8625841e4b811b41f9fb
	Savich, S.V., Samoilov, A.V., Vovk, R.V., Dobrovolskiy, O.V. , Kamchatna, S.N., Dolgoplova, Y.V., Chernovol-Tkachenko, O.A.	Excess conductivity and the pseudogap state in HF-doped YBa ₂ Cu ₃ O _{7-δ} ceramics (2016) Modern Physics Letters B, 30 (4), art. no. 1650034, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959213929&doi=10.1142%2f17984916500342&partnerID=40&md5=58571d6c5fcb308aab622ab0f976f7bd
	Solovjov, A.L., Omelchenko, L.V., Vovk, R.V., Dobrovolskiy, O.V. , Kamchatnaya, S.N., Sergeev, D.M.	Peculiarities in the pseudogap behavior in optimally doped YBa ₂ Cu ₃ O _{7-δ} single crystals under pressure up to 1 GPa (2016) Current Applied Physics, 16 (9), pp. 931-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979499855&doi=10.1016%2fj.cap.2016.05.014&partnerID=40&md5=443fbd0ce52a5c25966d4fabf867a016
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V. , Nazarov, Z.F., Chronoes, A.	Transverse resistance in HoBa ₂ Cu ₃ O _{7-δ} single crystals (2015) Modern Physics Letters B, 29 (35-36), art. no. 1550232, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954386557&doi=10.1142%2f17984915502322&partnerID=40&md5=4162663bde1d3ac52d8c1d2905f83299
	Dobrovolskiy, O.V. , Huth, M., Shklovskij, V.A.	Alternating current-driven microwave loss modulation in a fluxonic metamaterial (2015) Applied Physics Letters, 107 (16), art. no. 162603, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945277796&doi=10.1063%2f1.4934487&partnerID=40&md5=4328ba248c97a4ce40ded5723f4b89d4
	Vovk, R.V., Khadzhai, G.Ya., Dobrovolskiy, O.V. , Nazarov, Z.F., Chronoes, A.	Influence of planar and point defects on the basal-plane conductivity of HoBaCuO single crystals (2015) Physica C: Superconductivity and its Applications, 516, pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947218048&doi=10.1016%2fj.physc.2015.06.011&partnerID=40&md5=3a1d632cc6694893ca9298ce27d8bcf
	Vovk, R.V., Dobrovolskiy, O.V. , Nazarov, Z.F., Kotvitskaya, K.A., Chronoes, A.	Effect of Structural Relaxation on the Metal-Insulator Transition in Heavily Underdoped YBa ₂ Cu ₃ O _{7-δ} Single Crystals (2015) Journal of Low Temperature Physics, 180 (3-4), pp. 277-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931575272&doi=10.1007%2f10909-015-1304-z&partnerID=40&md5=faf7e8a546151367953f7e8cca30bdd
	Dobrovolskiy, O.V. , Huth, M.	Dual cut-off direct current-tunable microwave low-pass filter on superconducting Nb microstrips with asymmetric nanogrooves (2015) Applied Physics Letters, 106 (14), art. no. 142601, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926610016&doi=10.1063%2f1.4917229&partnerID=40&md5=b88563a81c779badadc526a152f4a60b
	Dobrovolskiy, O.V. , Franke, J., Huth, M.	⁴ He sample probe for combined microwave and dc transport measurements (2015) Measurement Science and Technology, 26 (2), art. no. 035502, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923166180&doi=10.1088%2f0957-0233%2f26%2f2%2f035502&partnerID=40&md5=426e40c6414a66b2fcb5788a0ce4d5d23
	Begun, E., Dobrovolskiy, O.V. , Kompaniets, M., Sachser, R., Gspan, C., Plank, H., Huth, M.	Post-growth purification of Co nanostructures prepared by focused electron beam induced deposition (2015) Nanotechnology, 26 (7), art. no. 075301, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922174681&doi=10.1088%2f0957-4484%2f26%2f7%2f075301&partnerID=40&md5=cf8a06620c34e93474ad4cd29ffa9518
	Vovk, R.V., Khadzhai, G.Ya., Dobrovolskiy, O.V.	Resistive measurements of the pseudogap in lightly Pr-doped Y1-xPrxBa ₂ Cu ₃ O _{7-δ} single crystals under high hydrostatic pressure (2015) Solid State Communications, 204, pp. 64-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920124820&doi=10.1016%2fj.ssc.2014.12.008&partnerID=40&md5=30777a83dbce0269a049382fd9798da

Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V. , Vovk, N.R., Nazarov, Z.F.	Effect of defects on the basal-plane resistivity of YBa ₂ Cu ₃ O _{7-δ} and Y _{1-y} Pr _y Ba ₂ Cu ₃ O _{7-x} single crystals (2015) Journal of Materials Science: Materials in Electronics, 26 (3), pp. 1435-1440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925485954&doi=10.1007%2f10854-014-2558-y&partnerID=40&md5=d2f85d197c1f8f2c15d91d3e3cfe36
Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V. , Nazarov, Z.F., Chronos, A.	Transverse resistance of YBa ₂ Cu ₃ O _{7-δ} single crystals (2015) Current Applied Physics, 15 (5), pp. 617-621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924116405&doi=10.1016%2fj.cap.2015.02.016&partnerID=40&md5=79efe4ce3fad21014382db461e1b66e
Dobrovolskiy, O.V. , Kompaniets, M., Sachser, R., Poratti, F., Gspan, C., Plank, H., Huth, M.	Tunable magnetism on the lateral mesoscale by post-processing of Co/Pt heterostructures (2015) Beilstein Journal of Nanotechnology, 6 (1), pp. 1082-1090.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933043733&doi=10.3762%2fbjnano.6.109&partnerID=40&md5=dc6d4e99a7f9ad2e00dfb02b73dee95d
Lara, A., Dobrovolskiy, O.V. , Prieto, J.L., Huth, M., Aliev, F.G.	Magnetization reversal assisted by half antivortex states in nanostructured circular cobalt disks (2014) Applied Physics Letters, 105 (18), art. no. 182402.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908584335&doi=10.1063%2f1.4900789&partnerID=40&md5=a3b36915924118a38eb37b3ec90055a2
Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V.	Transverse resistance in Y _{1-y} Pr _y Ba ₂ Cu ₃ O _{7-δ} at large praseodymium concentrations (2014) Physica B: Condensed Matter, 451, pp. 84-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904535615&doi=10.1016%2fj.physb.2014.06.034&partnerID=40&md5=ced158fc77df162492c4c0a8fd53
Kompaniets, M., Dobrovolskiy, O.V. , Neetzel, C., Ensinger, W., Huth, M.	Superconducting Proximity Effect in Crystalline Co and Cu Nanowires (2014) Journal of Superconductivity and Novel Magnetism. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906015670&doi=10.1007%2f10948-014-2694-x&partnerID=40&md5=d26c65f5fb0143504a3660568cba550
Kompaniets, M., Dobrovolskiy, O.V. , Neetzel, C., Begun, E., Poratti, F., Ensinger, W., Huth, M.	Proximity-induced superconductivity in crystalline Cu and Co nanowires and nanogranular Co structures (2014) Journal of Applied Physics, 116 (7), art. no. 073906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906569349&doi=10.1063%2f1.4893549&partnerID=40&md5=84b23d822789d8596ae2d46313591dad
Shklovskij, V.A., Dobrovolskiy, O.V.	Stochastic resonance of vortices in a washboard pinning potential (2014) Physica C: Superconductivity and its Applications, 503, pp. 128-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904394789&doi=10.1016%2fj.physc.2014.02.021&partnerID=40&md5=2411e4cec1c722f73e0c35be922a02f7
Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V.	Phase segregation and the effect of high pressure on the electro-transport in Y _{0.95} Pr _{0.05} Ba ₂ Cu ₃ O _{7-δ} single crystals (2014) Modern Physics Letters B, 28 (17), art. no. 1450142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903974131&doi=10.1142%2fS0217984914501425&partnerID=40&md5=c2adc48e05717ae5f49b17b10f28286
Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V. , Nazarov, Z.F., Goulatis, I.L.	Transverse conductivity in Y _{1-y} Pr _y Ba ₂ Cu ₃ O _{7-δ} single crystals (2014) Materials Research Express, 1 (2), art. no. 026303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910152058&doi=10.1088%2f2053-1591%2f1%2f2f026303&partnerID=40&md5=7af09e810e989c9a94f20b1c30a29df7
Vovk, R.V., Vovk, N.R., Dobrovolskiy, O.V.	Effect of structural relaxation on the in-plane electrical resistance of oxygen-underdoped ReBa ₂ Cu ₃ O _{7-δ} (Re = Y, Ho) single crystals (2014) Journal of Low Temperature Physics, 175 (3-4), pp. 614-630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900656528&doi=10.1007%2f10909-014-1121-9&partnerID=40&md5=6dc24a9b2247ce72f3ed714aa20188
Shklovskij, V.A., Sosiedkin, V.V., Dobrovolskiy, O.V.	Vortex ratchet reversal in an asymmetric washboard pinning potential subject to combined dc and ac stimuli (2014) Journal of Physics Condensed Matter, 26 (2), art. no. 025703.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890658439&doi=10.1088%2f0953-8984%2f26%2f2f025703&partnerID=40&md5=88c635935d4aac5753871b7e59757eb
Dobrovolskiy, O.V.	AC Quantum Interference Effects in Nanopatterned Nb Microstrips (2014) Journal of Superconductivity and Novel Magnetism, 28 (2), pp. 469-473.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922835110&doi=10.1007%2f10948-014-2664-3&partnerID=40&md5=9242336de6434360510fee9532772ca2
Shklovskij, V.A., Dobrovolskiy, O.V.	DC to AC converter on Abrikosov vortices in a washboard pinning potential (2014) Journal of Physics: Conference Series, 507 (PART 1), art. no. 012007.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902263440&doi=10.1088%2f1742-6596%2f507%2f1%2f012007&partnerID=40&md5=7691124bb48db0bb7397281212e7396b
Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V.	Transverse conductivity in Pr(Formula presented.) single crystals in a wide range of praseodymium concentrations (2014) Applied Physics A: Materials Science and Processing, 117 (3), pp. 997-1002.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910152461&doi=10.1007%2f100339-014-8670-2&partnerID=40&md5=7a675993844eb4da7c560f0b4389a1f2
Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V.	Conductivity anisotropy in Y _{1-y} Pr _y Ba ₂ Cu ₃ O _{7-δ} single crystals in a wide range of praseodymium concentrations (2014) Modern Physics Letters B, 28 (31), art. no. 1450245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8492598721&doi=10.1142%2fS0217984914502455&partnerID=40&md5=30bb8d960dc37120b6f0c3424528f9
Vovk, R.V., Vovk, N.R., Khadzhai, G.Y., Dobrovolskiy, O.V. , Nazarov, Z.F.	Effect of high pressure on the fluctuation paraconductivity in Y _{0.95} Pr _{0.05} Ba ₂ Cu ₃ O _{7-δ} single crystals (2014) Current Applied Physics, 14 (12), pp. 1779-1782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908387363&doi=10.1016%2fj.cap.2014.10.002&partnerID=40&md5=45db0811c2d2a31b7732a661cd3901f6
Kompaniets, M., Dobrovolskiy, O.V. , Neetzel, C., Ensinger, W., Huth, M.	Superconducting Proximity Effect in Crystalline Co and Cu Nanowires (2014) Journal of Superconductivity and Novel Magnetism, 28 (2), pp. 431-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922604536&doi=10.1007%2f10948-014-2694-x&partnerID=40&md5=6be1f5d3ab55d6a1d6d5961c2eaeaf8
Vovk, R.V., Vovk, N.R., Khadzhai, G.Y., Dobrovolskiy, O.V. , Nazarov, Z.N.	Evolution of the electrical resistance of YBa ₂ Cu ₃ O _{7-δ} single crystals in the course of long-term aging (2014) Journal of Materials Science: Materials in Electronics, 25 (12), pp. 5226-5230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911936358&doi=10.1007%2f10854-014-2292-5&partnerID=40&md5=94b1e02e8f7bd25e8c9c05307bbe29a
Kompaniets, M., Dobrovolskiy, O.V. , Neetzel, C., Poratti, F., Brötzel, J., Ensinger, W., Huth, M.	Long-range superconducting proximity effect in polycrystalline Co nanowires (2014) Applied Physics Letters, 104 (5), art. no. 052603.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899881787&doi=10.1063%2f1.4863980&partnerID=40&md5=5f6e5c617d78e6e4238aff3420d805ed
Vovk, R.V., Vovk, N.R., Dobrovolskiy, O.V.	Aging effect on electrical conductivity of pure and Al-doped YBa ₂ Cu ₃ O _{7-δ} single crystals with a given topology of planar defects (2013) Advances in Condensed Matter Physics, 2013, art. no. 931726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890045352&doi=10.1155%2f2013%2f931726&partnerID=40&md5=b5241f68355f286b271426515ac8f975
Dobrovolskiy, O.V. , Begun, E., Huth, M., Shklovskij, V.A.	Material composition - Pinning strength correlation in Nb thin films with focused ion beam-milled washboard nanostructures (2013) Physica C: Superconductivity and its Applications, 494, pp. 102-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884821284&doi=10.1016%2fj.physc.2013.03.005&partnerID=40&md5=12ac4c7dc33fa0654056795971b1ead7
Shklovskij, V.A., Dobrovolskiy, O.V.	Determination of coordinate dependence of a pinning potential from a microwave experiment with vortices (2013) Low Temperature Physics, 39 (2), pp. 120-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874352038&doi=10.1063%2f1.4791773&partnerID=40&md5=553b86e7e691d1a189ea5bb45b23ef4
Shklovskij, V.A., Dobrovolskiy, O.V.	Determination of the coordinate dependence of a pinning potential from the microwave experiment with vortices (2013) Fizika Nizkikh Temperatur, 39 (2), pp. 162-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873169532&partnerID=40&md5=ff00b19e8bf37c008d9ee287bb6759a
Shklovskij, V.A., Dobrovolskiy, O.V. , Huth, M.	Noise-assisted microwave up-conversion by vortices in thin-film superconductors with a dc-biased washboard pinning potential (2013) Journal of Superconductivity and Novel Magnetism, 26 (5), pp. 2079-2083.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959237449&doi=10.1007%2f10948-012-1946-x&partnerID=40&md5=841cde01c7fdd007c19d3ac71001fce2
Shklovskij, V.A., Dobrovolskiy, O.V.	Nonadiabatic ratchet effect in superconducting films with a tilted cosine pinning potential (2012) Journal of Physics: Conference Series, 400 (PART 2), art. no. 022108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873621841&doi=10.1088%2f1742-6596%2f400%2f2f022108&partnerID=40&md5=8fc37e9fd4ae8c0fcafb2d7dc971673
Dobrovolskiy, O.V. , Begun, E., Huth, M., Shklovskij, V.A.	Electrical transport and pinning properties of Nb thin films patterned with focused ion beam-milled washboard nanostructures (2012) New Journal of Physics, 14, art. no. 113027.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870456799&doi=10.1088%2f1367-2630%2f14%2f1%2f113027&partnerID=40&md5=f4466cd8e279737eca7c4b2ff51e87af
Dobrovolskiy, O.V. , Huth, M.	Crossover from dirty to clean superconducting limit in dc magnetron-sputtered thin Nb films (2012) Thin Solid Films, 520 (18), pp. 5985-5990.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862168587&doi=10.1016%2fj.tsf.2012.04.083&partnerID=40&md5=48a0fe85f97ef094f3a9390c08de860
Dobrovolskiy, O.V. , Huth, M., Shklovskij, V.A.	Fluxonic properties of vortices in a washboard pinning potential fabricated by focused particle beam techniques (2012) Acta Physica Polonica A, 121 (1), pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856106225&partnerID=40&md5=b0156e0e154a0fe3b399c9b0c637b7d

	Dobrovolskiy, O.V. , Shklovskij, V.A., Huth, M.	Current-controlled filter on superconducting films with a tilted washboard pinning potential (2012) Physics Procedia, 36, pp. 9-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960348309&doi=10.1016%2Fj.phpro.2012.06.031&partnerID=40&md5=07500bac586d0d8bab9de90f31a5428c
	Shklovskij, V.A., Dobrovolskiy, O.V.	Frequency-dependent ratchet effect in superconducting films with a tilted washboard pinning potential (2011) Physical Review B - Condensed Matter and Materials Physics, 84 (5), art. no. 054515, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052368166&doi=10.1103%2FPhysRevB.84.054515&partnerID=40&md5=430cebc7201b2776d4ca52720ad9b0fa
	Dobrovolskiy, O.V. , Begun, E., Huth, M., Shklovskij, V.A., Tsindilekht, M.I.	Vortex lattice matching effects in a washboard pinning potential induced by Co nanostripe arrays (2011) Physica C: Superconductivity and its Applications, 471 (15-16), pp. 449-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959623528&doi=10.1016%2Fj.physc.2011.05.245&partnerID=40&md5=be9aa1185dc7278936be2c2b5cfc584c
	Dobrovolskiy, O.V. , Huth, M., Shklovskij, V.A.	Fabrication of artificial washboard pinning structures in thin niobium films (2011) Journal of Superconductivity and Novel Magnetism, 24 (1-2), pp. 375-380.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960336780&doi=10.1007%2Fs10948-010-1055-7&partnerID=40&md5=cea7e3a6de5940daad9e416cd1cc114
	Dobrovolskiy, O.V. , Huth, M., Shklovskij, V.A.	Anisotropic magnetoresistive response in thin Nb films decorated by an array of Co stripes (2010) Superconductor Science and Technology, 23 (12), art. no. 125014, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649965547&doi=10.1088%2F0953-2048%2F23%2F125014&partnerID=40&md5=dbaa3c9e2989fab646ac6e4f46a77834
	Shklovskij, V.A., Dobrovolskiy, O.V.	Nonlinear two-dimensional frequency- and temperature-dependent vortex dynamics in a tilted washboard pinning potential (2009) Journal of Physics: Conference Series, 150 (5), art. no. 052241, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952534216&doi=10.1088%2F1742-6596%2F150%2F5%2F052241&partnerID=40&md5=4ed7dd4e191c09093f8575db43cd3af3
	Shklovskij, V.A., Dobrovolskiy, O.V.	AC-driven vortices and the Hall effect in a superconductor with a tilted washboard pinning potential (2008) Physical Review B - Condensed Matter and Materials Physics, 78 (10), art. no. 104526, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53849101056&doi=10.1103%2FPhysRevB.78.104526&partnerID=40&md5=c1c060f2875864a03355c52b73c30da4
	Shklovskij, V.A., Dobrovolskiy, O.V.	Influence of point-like disorder on the guiding of vortices in a rotating current scheme (2007) Physica C: Superconductivity and its Applications, 460-462 II (SPEC. ISS.), pp. 1253-1254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548172210&doi=10.1016%2Fj.physc.2007.04.072&partnerID=40&md5=8a442790307726d284a83c589abab0d4
	Shklovskij, V.A., Dobrovolskiy, O.V.	Influence of pointlike disorder on the guiding of vortices and the Hall effect in a washboard planar pinning potential (2006) Physical Review B - Condensed Matter and Materials Physics, 74 (10), art. no. 104511, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749176677&doi=10.1103%2FPhysRevB.74.104511&partnerID=40&md5=39d807f28be25dc2380a8622cd37b4b5
40	Belskaya, I.N., Fornasier, S., Tozzi, G.P., Gil-Hutton, R., Cellino, A., Antonyuk, K., Krugly, Y.N. , Dovgopoli, A.N., Faggi, S.	Refining the asteroid taxonomy by polarimetric observations (2017) Icarus, 284, pp. 30-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994798384&doi=10.1016%2Fj.icarus.2016.11.003&partnerID=40&md5=75c05d182b9ce269ae4d801e4cb84a5
	Seveček, P., Golubov, O., Scheeres, D.J., Krugly, Y.N.	Obliquity dependence of the tangential YORP (2016) Astronomy and Astrophysics, 592, art. no. A115, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981743169&doi=10.1051%2F0004-6361%2F01628746&partnerID=40&md5=139a9171bb54c638d7d1b9d26d97c95a
	Shevchenko, V.G., Belskaya, I.N., Muinonen, K., Penttilä, A., Krugly, Y.N. , Velichko, F.P., Chiorony, V.G., Slyusarev, I.G., Gaftonyuk, N.M., Tereschenko, I.A.	Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system (2016) Planetary and Space Science, 123, pp. 101-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960269613&doi=10.1016%2Fj.pss.2015.11.007&partnerID=40&md5=54a1007c563c67befb5dfbbe87a81f41
	Golubov, O., Kravets, Y., Krugly, Y.N. , Scheeres, D.J.	Physical models for the normal YORP and diurnal Yarkovsky effects (2016) Monthly Notices of the Royal Astronomical Society, 458 (4), pp. 3977-3989.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965082288&doi=10.1093%2Fmnras%2Fstw540&partnerID=40&md5=fbbc10ca547dfdd07835e97bd708338c
	Pravec, P., Scheirich, P., Kušnirák, P., Hornoch, K., Galád, A., Naidu, S.P., Pray, D.P., Világi, J., Gajdoš, Š., Kornoš, L., Krugly, Y.N. , Cooney, W.R., Gross, J., Terrell, D., Gaftonyuk, N., Pollock, J., Husárík, M., Chiorony, V., Stephens, R.D., Durkee, R., Reddy, V., Dyvig, R., Vraštil, J., Žižka, J., Mottola, S., Hellmich, S., Oey, J., Benishek, V., Kryszczyńska, A., Higgins, D., Ries, J., Marchis, F., Baek, M., Macomber, B., Inasaridze, R., Kvaratskhelia, O., Ayvazian, V., Rummyantsev, V., Masl, G., Colas, F., Lecacheux, J., Montaigut, R., Leroy, A., Brown, P., Krzeminski, Z., Molotov, I., Reichart, D., Haislip, J., LaCluyze, A.	Binary asteroid population. 3. Secondary rotations and elongations (2016) Icarus, 267, pp. 267-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952930541&doi=10.1016%2Fj.icarus.2015.12.019&partnerID=40&md5=399e961ea86c63e471bf187010aea8f42
	Vokrouhlický, D., Ľurech, J., Pravec, P., Kušnirák, P., Hornoch, K., Vraštil, J., Krugly, Y.N. , Inasaridze, R.Y., Ayvazian, V., Zhuzhunadze, V., Molotov, I.E., Pray, D., Husárík, M., Pollock, J.T., Nesvorný, D.	THE SCHULHOF FAMILY: SOLVING the AGE PUZZLE (2016) Astronomical Journal, 151 (3), art. no. 56, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961203770&doi=10.3847%2F0004-6256%2F151%2F3%2F56&partnerID=40&md5=922aa50f3a8d9be3ad8d1d2276d74b84
	Hanuš, J., Ľurech, J., Oszkiewicz, D.A., Behrend, R., Carry, B., Delbo, M., Adam, O., Afonina, V., Anquetin, R., Antonini, P., Arnold, L., Audejean, M., Aurard, P., Bachschmidt, M., Baduel, B., Barbotin, E., Barroy, P., Baudouin, P., Berard, L., Berger, N., Bernasconi, L., Bosch, J.-G., Bouley, S., Bozhinova, I., Brinsfield, J., Brunetto, L., Canaud, G., Caron, J., Carrier, F., Casalnuovo, G., Casulli, S., Cerda, M., Chalamet, L., Charbonnel, S., Chinaglia, B., Cikota, A., Colas, F., Coliac, J.-F., Collet, A., Coloma, J., Conjat, M., Conseil, E., Costa, R., Crippa, R., Cristofanelli, M., Damerdjy, Y., Debackère, A., Decock, A., Déhais, Q., Déléage, T., Delmelle, S., Demeautis, C., Drózd, M., Dubos, G., Dulcamara, T., Dumont, M., Durkee, R., Dymock, R., Escalante Del Valle, A., Esseiva, N., Esseiva, R., Esteban, M., Fauchez, T., Fauerbach, M., Fauvaud, M., Fauvaud, S., Forné, E., Fournel, C., Fradet, D., Garlitz, J., Gerteis, O., Gillier, C., Gillon, M., Giraud, R., Godard, J.-P., Gonçalves, R., Hamanowa, H., Hamanowa, H., Hay, K., Hellmich, S., Heterier, S., Higgins, D., Hirsch, R., Hodosan, G., Hren,	New and updated convex shape models of asteroids based on optical data from a large collaboration network (2016) Astronomy and Astrophysics, 586, art. no. A108, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957564281&doi=10.1051%2F0004-6361%2F01527441&partnerID=40&md5=aa6a79a6a03812bcebc5ffbb761786c5

Thulliot, W., Bancelin, D., Ivantsov, A., Desmars, J., Assafin, M., Eggli, S., Hestroffer, D., Rocher, P., Carry, B., David, P., Abe, L., Andreev, M., Arlot, J.-E., Asami, A., Ayvasian, V., Baransky, A., Belcheva, M., Bendjoya, P., Bikmaev, I., Burkhanov, O.A., Camci, U., Carbognani, A., Colas, F., Devyatkin, A.V., Ehgamberdiev, S.A., Enikova, P., Eyer, L., Galeev, A., Gerlach, E., Godunova, V., Golubaev, A.V., Gorshanov, D.L., Gumerov, R., Hashimoto, N., Helvacı, M., Ibryamov, S., Inasaridze, R.Y., Khamitov, I., Kostov, A., Kozhukhov, A.M., Kozyrev, Y., Krugly, Y.N. , Kryuchkovskiy, V., Kulichenko, N., Maigurova, N., Manilla-Robles, A., Martyusheva, A.A., Molotov, I.E., Nikolov, G., Nikolov, P., Nishiyama, K., Okumura, S., Palaversa, L., Parmonov, O., Peng, Q.Y., Petrova, S.N., Pinigin, G.I., Pomazan, A., Rivet, J.-P., Sakamoto, T., Sakhibullin, N., Sergeev, O., Sergeyev, A.V., Shulga, O.V., Suarez, O., Sybiryakova, Y., Takahashi, N., Tarady, V., Todd, M., Urakawa, S., Uysal, O., Vaduvescu, O., Vovk, V., Zhang, X.-L.	The astrometric Gaia-FUN-SSO observation campaign of 99942 Apophis (2015) <i>Astronomy and Astrophysics</i> , 583, art. no. A59, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946605737&doi=10.1051%2f0004-6361%2f201425603&partnerID=40&md5=3809f44b5a369574c3e7c132c5e3b603
Becker, T.M., Howell, E.S., Nolan, M.C., Magri, C., Pravec, P., Taylor, P.A., Oey, J., Higgins, D., Világi, J., Kornoš, L., Galád, A., Gajdoš, T., Gaftonyuk, N.M., Krugly, Y.N. , Molotov, I.E., Hicks, M.D., Carbognani, A., Warner, B.D., Vachier, F., Marchis, F., Pollock, J.T.	Physical modeling of triple near-Earth Asteroid (153591) 2001 SN263 from radar and optical light curve observations (2015) <i>Icarus</i> , 248, pp. 499-515.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84916622994&doi=10.1016%2fj.icarus.2014.10.048&partnerID=40&md5=fe35ebd03019cd8ce95f357166751d73
Scheirich, P., Pravec, P., Jacobson, S.A., Ďurech, J., Kušnirák, P., Hornoch, K., Mottola, S., Mommert, M., Hellmich, S., Pray, D., Polishook, D., Krugly, Y. , Inasaridze, R.Y., Kvaratskhelia, O.I., Ayvazian, V., Slyusarev, I., Pittichová, J., Jehin, E., Manfroid, J., Gillon, M., Galád, A., Pollock, J., Licandro, J., Ali-Lagoa, V., Brinsfield, J., Molotov, I.E.	The binary near-Earth Asteroid (175706) 1996 FG3 - An observational constraint on its orbital evolution (2015) <i>Icarus</i> , 245, pp. 56-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907942611&doi=10.1016%2fj.icarus.2014.09.023&partnerID=40&md5=082efca3d3f5c5965d9604abf5f590e3
Golubov, O., Scheeres, D.J., Krugly, Yu.N.	A three-dimensional model of tangential yorp (2014) <i>Astrophysical Journal</i> , 794 (1), art. no. 22 (9pp), .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907476077&doi=10.1088%2f0004-637X%2f794%2f1%2f2f22&partnerID=40&md5=da1f73a2e876536f0d11495c732397a1
Cano, Z., De Ugarte Postigo, A., Pozanenko, A., Butler, N., Thöne, C.C., Guidorzi, C., Krühler, T., Gorosabel, J., Jakobsson, P., Leloudas, G., Malesani, D., Hjorth, J., Melandri, A., Mundell, C., Wiersema, K., D'Avanzo, P., Schulze, S., Gomboc, A., Johansson, A., Zheng, W., Kann, D.A., Knust, F., Varela, K., Akerlof, C.W., Bloom, J., Burkhanov, O., Cooke, E., De Diego, J.A., Dhungana, G., Farina, C., Ferrante, F.V., Flewelling, H.A., Fox, O.D., Fynbo, J., Gehrels, N., Georgiev, L., González, J.J., Greiner, J., Güver, T., Hartoog, O., Hatch, N., Jelinek, M., Kehoe, R., Klose, S., Klunko, E., Kopáč, D., Kuttyrev, A., Krugly, Y. , Lee, W.H., Levan, A., Linkov, V., Matkin, A., Minikulov, N., Molotov, I., Prochaska, J.X., Richer, M.G., Román-Zúñiga, C.G., Rumyantsev, V., Sánchez-Ramírez, R., Steele, I., Tanvir, N.R., Volnova, A., Watson, A.M., Xu, D., Yuan, F.	A trio of gamma-ray burst supernovae: GRB 120729A, GRB 130215A/SN 2013ez, and GRB 130831A/SN 2013fu (2014) <i>Astronomy and Astrophysics</i> , 568, art. no. A19, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905638459&doi=10.1051%2f0004-6361%2f201423920&partnerID=40&md5=0667aa3fe1500306b8cb5b3c22b92f51
Pozanenko, A., Elenin, L., Litvinenko, E., Volnova, A., Erofeeva, A., Matkin, A., Ivanov, A., Ivanov, V., Varda, D., Sinyakov, E., Nevski, V., Krugly, Y. , Erofeev, A., Tungalag, N., Inasaridze, R., Kvaratskhelia, O., Kouprianov, V., Molotov, I.	Gamma-ray burst observations with ISON network (2013) <i>EAS Publications Series</i> , 61, pp. 259-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887026907&doi=10.1051%2feas%2f1361040&partnerID=40&md5=eb13d6f0608f13e8553330eac35e6e7
Ďurech, J., Vokrouhlický, D., Baransky, A.R., Breiter, S., Burkhanov, O.A., Cooney, W., Fuller, V., Gaftonyuk, N.M., Gross, J., Inasaridze, R.Y., Kaasalainen, M., Krugly, Y.N. , Kvaratskhelia, O.I., Litvinenko, E.A., MacOmber, B., Marchis, F., Molotov, I.E., Oey, J., Polishook, D., Pollock, J., Pravec, P., Sárneczky, K., Shevchenko, V.G., Slyusarev, I., Stephens, R., Szabó, Gy., Terrell, D., Vachier, F., Vanderplate, Z., Viikinkoski, M., Warner, B.D.	Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger-search for the YORP effect (2012) <i>Astronomy and Astrophysics</i> , 547, art. no. A10, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867657059&doi=10.1051%2f0004-6361%2f201219396&partnerID=40&md5=1ad23a4a01724d1143d3d5c39bcf60de
Golubov, O., Krugly, Y.N.	Tangential component of the YORP effect (2012) <i>Astrophysical Journal Letters</i> , 752 (1), art. no. L11, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861547527&doi=10.1088%2f2041-8205%2f752%2f1%2fL11&partnerID=40&md5=3f6043588258a3f924a6ae5cca9699de

Pravec, P., Scheirich, P., Vokrouhlický, D., Harris, A.W., Kušnirák, P., Hornoch, K., Pray, D.P., Higgins, D., Galád, A., Világi, J., Gajdoš, S., Kornoš, L., Oey, J., Husárik, M., Cooney, W.R., Gross, J., Terrell, D., Durkee, R., Pollock, J., Reichart, D.E., Ivarsen, K., Haislip, J., LaCluyze, A., Krugly, Y.N. , Gaftonyuk, N., Stephens, R.D., Dyvig, R., Reddy, V., Chiorny, V., Vaduvescu, O., Longa-Peña, P., Tudorica, A., Warner, B.D., Masi, G., Brinsfield, J., Gonçalves, R., Brown, P., Krzeminski, Z., Gerashchenko, O., Shevchenko, V., Molotov, I., Marchis, F.	Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries (2012) Icarus, 218 (1), pp. 125-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855819847&doi=10.1016%2fj.icarus.2011.11.026&partnerID=40&md5=b4f432e74a24ef6bc86609be25a9276f
Golubov, O., Krugly, Y.N.	Influence of thermal models on the YORP effect (2012) Proceedings of the International Astronomical Union, 10 (H16), p. 173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981278180&doi=10.1017%2fS1743921314005286&partnerID=40&md5=4e0d2a570e71ea2897618abb1ae91705
Shevchenko, V.G., Belskaya, I.N., Slyusarev, I.G., Krugly, Y. , Chiorny, V.G., Gaftonyuk, N.M., Donchev, Z., Ivanova, V., Ibrahimov, M.A., Ehgamberdiev, S., Molotov, I.E.	Opposition effect of Trojan asteroids (2012) Icarus, 217 (1), pp. 202-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82355186549&doi=10.1016%2fj.icarus.2011.11.001&partnerID=40&md5=2a1e0397d131b440f515a73812943dfe
Vokrouhlický, D., Durech, J., Polishook, D., Krugly, Y.N. , Gaftonyuk, N.N., Burkhonov, O.A., Ehgamberdiev, S.A., Karimov, R., Molotov, I.E., Pravec, P., Hornoch, K., Kušnirák, P., Oey, J., Galád, A., Žižka, J.	Spin vector and shape of (6070) rheinland and their implications (2011) Astronomical Journal, 142 (5), art. no. 159, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054768319&doi=10.1088%2f0004-6256%2f142%2f5%2f159&partnerID=40&md5=8b8190a312d8b26ef815e641f0ab52ca
Magri, C., Howell, E.S., Nolan, M.C., Taylor, P.A., Fernández, Y.R., Mueller, M., Vervack, R.J., Benner, L.A.M., Giorgini, J.D., Ostro, S.J., Scheeres, D.J., Hicks, M.D., Rhoades, H., Somers, J.M., Gaftonyuk, N.M., Kouprianov, V.V., Krugly, Y.N. , Molotov, I.E., Busch, M.W., Margot, J.-L., Benishek, V., Protitch-Benishek, V., Galád, A., Higgins, D., Kušnirák, P., Pray, D.P.	Radar and photometric observations and shape modeling of contact binary near-Earth Asteroid (8567) 1996 HW1 (2011) Icarus, 214 (1), pp. 210-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959550751&doi=10.1016%2fj.icarus.2011.02.019&partnerID=40&md5=c75234285d8d530b3ca2e1c6cd445ac0
Molotov, I., Agapov, V., Kouprianov, V., Elenin, L., Voropaev, V., Battagliere, M., Krugly, Y. , Pozanenko, A., Paolillo, F., Tungalak, N., Zalles, R.	Current improvements of the ISON Network to support the collision prediction task, asteroid and optical transit research (2010) 61st International Astronautical Congress 2010, IAC 2010, 13, pp. 10469-10474.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959453183&partnerID=40&md5=fac4d92c9dbf3917a15319edfcd63c1f
Pravec, P., Vokrouhlický, D., Polishook, D., Scheeres, D.J., Harris, A.W., Galád, A., Vaduvescu, O., Pozo, F., Barr, A., Longa, P., Vachier, F., Colas, F., Pray, D.P., Pollock, J., Reichart, D., Ivarsen, K., Haislip, J., Lacluyze, A., Kušnirák, P., Herych, T., Marchis, F., MacOmber, B., Jacobson, S.A., Krugly, Y.N. , Sergeev, A.V., Leroy, A.	Formation of asteroid pairs by rotational fission (2010) Nature, 466 (7310), pp. 1085-1088.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7795162827&doi=10.1038%2fnature09315&partnerID=40&md5=59c08b1ebca2aa01bcca04f3c0fa0da3
Belskaya, I.N., Fornasier, S., Krugly, Yu.N. , Shevchenko, V.G., Gaftonyuk, N.M., Barucci, M.A., Fulchignoni, M., Gil-Hutton, R.	Puzzling asteroid 21 Lutetia: Our knowledge prior to the Rosetta fly-by (2010) Astronomy and Astrophysics, 515 (4), art. no. A29, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953220233&doi=10.1051%2f0004-6361%2f201013994&partnerID=40&md5=3e148169d7d5ceb35dc81f48b4299c30
Tereshchenko, I.A., Shevchenko, V.G., Krugly, Y.N.	Investigation of the photometric system of the AZT-8 telescope and IMG 10245 CCD-camera (2010) Kinematics and Physics of Celestial Bodies, 26 (2), pp. 89-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952991116&doi=10.3103%2fS0884591310020078&partnerID=40&md5=9cfc226c0252047c661f7891f53b7501
Vokrouhlický, D., Durech, J., Michalowski, T., Krugly, Yu.N. , Gaftonyuk, N.M., Kryszczyńska, A., Colas, F., Lecacheux, J., Molotov, I., Slyusarev, I., Polińska, M., Nesvorný, D., Beshore, E.	Datura family: The 2009 update (2009) Astronomy and Astrophysics, 507 (1), pp. 495-504.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449626280&doi=10.1051%2f0004-6361%2f200912696&partnerID=40&md5=feedfb0cbd00b7ce5cc61856922b3e
Shevchenko, V.G., Tungalak, N., Chiorny, V.G., Gaftonyuk, N.M., Krugly, Y.N. , Harris, A.W., Young, J.W.	CCD-photometry and pole coordinates for eight asteroids (2009) Planetary and Space Science, 57 (12), pp. 1514-1520.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70149096403&doi=10.1016%2fj.pss.2009.08.001&partnerID=40&md5=6ebff5d1f99b8aa89146f735aa7aae8c
Pandey, S.B., Castro-Tirado, A.J., Jelinek, M., Kamble, A.P., Gorosabel, J., De Ugarte Postigo, A., Prins, S., Oreiro, R., Chantry, V., Trushkin, S., Bremer, M., Winters, J.M., Pozanenko, A., Krugly, Yu. , Slyusarev, I., Kornienko, G., Erofeeva, A., Misra, K., Ramprakash, A., Mohan, V., Bhattacharya, D., Volnova, A., Plá, J., Ibrahimov, M., Im, M., Volvach, A., Wijers, R.A.M.J.	Multi-wavelength observations of the GRB 080319B afterglow and the modeling constraints (2009) Astronomy and Astrophysics, 504 (1), pp. 45-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70149123256&doi=10.1051%2f0004-6361%2f200811135&partnerID=40&md5=3ac4fa4c7daee2e422897da038c6beea
Belskaya, I.N., Fornasier, S., Krugly, Y.N.	Polarimetry and BVRI photometry of the potentially hazardous near-Earth Asteroid (23187) 2000 PN9 (2009) Icarus, 201 (1), pp. 167-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63749121990&doi=10.1016%2fj.icarus.2008.12.026&partnerID=40&md5=cec447e0e5fd0b3bd5f0bc99d6eed809
Dotto, E., Perna, D., Fornasier, S., Belskaya, I.N., Barucci, M.A., Shevchenko, V.G., Krugly, Yu.N. , Gaftonyuk, N.M., Tereshchenko, I.A., Scipioni, F., De Luise, F.	Photometrie and spectroscopic investigation of 2867 Steins, target of the Rosetta mission Ground-based results prior to the Rosetta fly-by (2009) Astronomy and Astrophysics, 494 (3), pp. L29-L32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-6034908963&doi=10.1051%2f0004-6361%3a200811340&partnerID=40&md5=10a5913359e2803f8dbba3d02126b554
Durech, J., Vokrouhlický, D., Kaasalainen, M., Higgins, D., Krugly, Yu.N. , Gaftonyuk, N.M., Shevchenko, V.G., Chiorny, V.G., Hamanowa, H., Hamanowa, H., Reddy, V., Dyvig, R.R.	Detection of the YORP effect in asteroid (1620) Geographos (2008) Astronomy and Astrophysics, 489 (2), pp. L25-L28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52949129514&doi=10.1051%2f0004-6361%3a200810672&partnerID=40&md5=66522a5c6cc85bd7d784f5b95d07d66c
Pravec, P., Harris, A.W., Vokrouhlický, D., Warner, B.D., Kušnirák, P., Hornoch, K., Pray, D.P., Higgins, D., Oey, J., Galád, A., Gajdoš, S., Kornoš, L., Világi, J., Husárik, M., Krugly, Yu.N. , Shevchenko, V., Chiorny, V., Gaftonyuk, N., Cooney Jr., W.R., Gross, J., Terrell, D., Stephens, R.D., Dyvig, R., Reddy, V., Ries, J.G., Colas, F., Lecacheux, J., Durkee, R., Masi, G., Koff, R.A., Goncalves, R.	Spin rate distribution of small asteroids (2008) Icarus, 197 (2), pp. 497-504.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51949114676&doi=10.1016%2fj.icarus.2008.05.012&partnerID=40&md5=8e0d5a54e36c8e00f57efb67ef055b43

Đurech, J., Vokrouhlický, D., Kaasalainen, M., Weissman, P., Lowry, S.C., Beshore, E., Higgins, D., Krugly, Y.N. , Shevchenko, V.G., Gaftonyuk, N.M., Choi, Y.-J., Kowalski, R.A., Larson, S., Warner, B.D., Marshalkina, A.L., Ibrahimov, M.A., Molotov, I.E., Michalowski, T., Kitazato, K.	New photometric observations of asteroids (1862) Apollo and (25143) Itokawa - An analysis of YORP effect (2008) <i>Astronomy and Astrophysics</i> , 488 (1), pp. 345-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49749129246&doi=10.1051%2f0004-6361%3a200809663&partnerID=40&md5=d630e8423cee9f57bcd217436d2014
Shevchenko, V.G., Chiorny, V.G., Gaftonyuk, N.M., Krugly, Y.N. , Belskaya, I.N., Tereschenko, I.A., Velichko, F.P.	Asteroid observations at low phase angles. III. Brightness behavior of dark asteroids (2008) <i>Icarus</i> , 196 (2), pp. 601-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47149088825&doi=10.1016%2fj.icarus.2008.03.015&partnerID=40&md5=304acedcfd51fda1499fb2f88d769a23
Chiorny, V.G., Shevchenko, V.G., Krugly, Yu.N., Velichko, F.P., Gaftonyuk, N.M.	Photometry of asteroids: Lightcurves of 24 asteroids obtained in 1993-2005 (2007) <i>Planetary and Space Science</i> , 55 (7-8), pp. 986-997.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247542100&doi=10.1016%2fj.pss.2007.01.001&partnerID=40&md5=538c7dbccbb1fa38d9163c084201f348
Kaasalainen, M., Đurech, J., Warner, B.D., Krugly, Y.N. , Gaftonyuk, N.M.	Acceleration of the rotation of asteroid 1862 Apollo by radiation torques (2007) <i>Nature</i> , 446 (7134), pp. 420-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947519511&doi=10.1038%2fnature05614&partnerID=40&md5=058f69fe8d64490af042e89ea8dce1ec
Krugly, Yu.N. , Maccione, C., Gaftonyuk, N.M., Lupishko, D.F., Shevchenko, V.G., Velichko, F.P.	11 264 Claudiomaccone: Small binary main-belt asteroid (2007) <i>Planetary and Space Science</i> , 55 (4), pp. 449-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846918857&doi=10.1016%2fj.pss.2006.09.006&partnerID=40&md5=1335696239ba8b9693acbc4215523bc1
Krugly, Yu.N. , Gaftonyuk, N.M., Belskaya, I.N., Chiorny, V.G., Shevchenko, V.G., Velichko, F.P., Lupishko, D.F., Konovalenko, A.A., Falkovich, I.S., Molotov, I.E.	Kharkiv study of near-Earth asteroids (2006) <i>Proceedings of the International Astronomical Union</i> , 2 (S236), pp. 385-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049002618&doi=10.1017%2fS174392130700347X&partnerID=40&md5=57ae0d5476ed8ae9193c298fd3f2f8e
Pravec, P., Scheirich, P., Kušnirák, P., Šarounová, L., Mottola, S., Hahn, G., Brown, P., Esquerdo, G., Kaiser, N., Krzeminski, Z., Pray, D.P., Warner, B.D., Harris, A.W., Nolan, M.C., Howell, E.S., Benner, L.A.M., Margot, J.-L., Galád, A., Holliday, W., Hicks, M.D., Krugly, Yu.N. , Tholen, D., Whiteley, R., Marchis, F., DeGraff, D.R., Grauer, A., Larson, S., Velichko, F.P., Cooney Jr., W.R., Stephens, R., Zhu, J., Kirsch, K., Dyvig, R., Snyder, L., Reddy, V., Moore, S., Gajdoš, Š., Világi, J., Masi, G., Higgins, D., Funkhouser, G., Knight, B., Slivan, S., Behrend, R., Grenon, M., Burki, G., Roy, R., Demeautis, C., Matter, D., Waelchli, N., Revaz, Y., Klotz, A., Rieugné, M., Thierry, P., Cotrez, V., Brunetto, L., Kober, G.	Photometric survey of binary near-Earth asteroids (2006) <i>Icarus</i> , 181 (1), pp. 63-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33344470880&doi=10.1016%2fj.icarus.2005.10.014&partnerID=40&md5=dbb8b3002637ba87b7540473d344caf3
Pravec, P., Harris, A.W., Scheirich, P., Kušnirák, P., Šarounová, L., Hergenrother, C.W., Mottola, S., Hicks, M.D., Masi, G., Krugly, Yu.N. , Shevchenko, V.G., Nolan, M.C., Howell, E.S., Kaasalainen, M., Galád, A., Brown, P., DeGraff, D.R., Lambert, J.V., Cooney Jr., W.R., Foglia, S.	Tumbling asteroids (2005) <i>Icarus</i> , 173 (1), pp. 108-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12144280258&doi=10.1016%2fj.icarus.2004.07.021&partnerID=40&md5=56d4fcc14167692e528be74db679ec52
Krugly, Yu.N.	Problems of CCD photometry of fast-moving asteroids (2004) <i>Solar System Research</i> , 38 (3), pp. 241-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042771533&doi=10.1023%2fB%3aSOLS.0000030865.92413.9f&partnerID=40&md5=aa6b012b649114834a462981a73fee9b
Kaasalainen, M., Pravec, P., Krugly, Y.N. , Šarounová, L., Torppa, J., Virtanen, J., Kaasalainen, S., Erikson, A., Nathues, A., Đurech, J., Wolf, M., Lagerros, J.S.V., Lindgren, M., Lagerkvist, C.-I., Koff, R., Davies, J., Mann, R., Kušnirák, P., Gaftonyuk, N.M., Shevchenko, V.G., Chiorny, V.G., Belskaya, I.N.	Photometry and models of eight near-Earth asteroids (2004) <i>Icarus</i> , 167 (1), pp. 178-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642502482&doi=10.1016%2fj.icarus.2003.09.012&partnerID=40&md5=867f466fcf33a3e3da11485a07a64ba6
Belskaya, I.N., Shevchenko, V.G., Kiselev, N.N., Krugly, Y.N. , Shakhovskoy, N.M., Efimov, Y.S., Gaftonyuk, N.M., Cellino, A., Gil-Hutton, R.	Opposition polarimetry and photometry of S- and E-type asteroids (2003) <i>Icarus</i> , 166 (2), pp. 276-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037598479&doi=10.1016%2fj.icarus.2003.09.005&partnerID=40&md5=654e4f1aab0cda59b53c980a3fe72f73
Shevchenko, V.G., Krugly, Yu.N. , Chiorny, V.G., Belskaya, I.N., Gaftonyuk, N.M.	Rotation and photometric properties of E-type asteroids (2003) <i>Planetary and Space Science</i> , 51 (9-10), pp. 525-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037698168&doi=10.1016%2fS0032-0633%2803%2900076-X&partnerID=40&md5=73acc305b5b219be3ad8c6ac9b4148d3
Krugly, Yu.N. , Belskaya, I.N., Shevchenko, V.G., Chiorny, V.G., Velichko, F.P., Mottola, S., Erikson, A., Hahn, G., Nathues, A., Neukum, G., Gaftonyuk, N.M., Dotto, E.	The near-Earth objects follow-up program. IV. CCD photometry 1996-1999 (2002) <i>Icarus</i> , 158 (2), pp. 294-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036696762&doi=10.1006%2ficar.2002.6884&partnerID=40&md5=efbf3250cf2b6b80c1d1489184707c4
Krugly, Yu.N. , Belskaya, I.N., Chiorny, V.G., Shevchenko, V.G., Gaftonyuk, N.M.	CCD photometry of near-earth asteroids in 2001 (2002) <i>European Space Agency, (Special Publication) ESA SP</i> , (500), pp. 903-906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664495&partnerID=40&md5=3825e108904a7a95db910622481c53c2
Pravec, P., Šarounová, L., Hicks, M.D., Rabinowitz, D.L., Wolf, M., Scheirich, P., Krugly, Y.N.	Two periods of 1999 HF1 - Another binary NEA candidate (2002) <i>Icarus</i> , 158 (1), pp. 276-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036638986&doi=10.1006%2ficar.2002.6845&partnerID=40&md5=3cc53612631bbeec2f32ac6f58e39023
Belskaya, I.N., Shevchenko, V.G., Efimov, Yu.S., Shakhovskoy, N.M., Shkuratov, Yu.G., Gaftonyuk, N.M., Gil-Hutton, R., Krugly, Yu.N. , Chiorny, V.G.	Opposition polarimetry and photometry of the low albedo asteroid 419 Aurelia (2002) <i>European Space Agency, (Special Publication) ESA SP</i> , (500), pp. 489-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664681&partnerID=40&md5=b81c4cfaf9fba0e0f5056b2f57d899
Shevchenko, V.G., Belskaya, I.N., Krugly, Yu.N. , Chiorny, V.G., Gaftonyuk, N.M.	Asteroid observations at low phase angles. II. 5 Astraea, 75 Eurydike, 77 Frigga, 105 Artemis, 119 Althaea, 124 Alkeste, and 201 Penelope (2002) <i>Icarus</i> , 155 (2), pp. 365-374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036104776&doi=10.1006%2ficar.2001.6651&partnerID=40&md5=bdc33c5e861f5993ed702a0f38121e74
Pravec, P., Šarounová, L., Benner, L.A.M., Ostro, S.J., Hicks, M.D., Jurgens, R.F., Giorgini, J.D., Slade, M.A., Yeomans, D.K., Rabinowitz, D.L., Krugly, Y.N. , Wolf, M.	Slowly Rotating Asteroid 1999 GU3 (2000) <i>Icarus</i> , 148 (2), pp. 589-593.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000330603&doi=10.1006%2ficar.2000.6535&partnerID=40&md5=d2a3246ce89ac5386be934e61fced7
Pravec, P., Šarounová, L., Rabinowitz, D.L., Hicks, M.D., Wolf, M., Krugly, Y.N. , Velichko, F.P., Shevchenko, V.G., Chiorny, V.G., Gaftonyuk, N.M., Geneviev, G.	Two-Period Lightcurves of 1996 FG3, 1998 PG, and (5407) 1992 AX: One Probable and Two Possible Binary Asteroids (2000) <i>Icarus</i> , 146 (1), pp. 190-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000027081&doi=10.1006%2ficar.2000.6375&partnerID=40&md5=c73830af3d9c7d0dc381ba303617c455

	Hahn, G., Mottola, S., Erikson, A., Harris, A.W., Neukum, G., Maury, A., Savalle, R., Scholl, H., Bijaoui, A., DiMartino, M., Barbieri, C., Lazzarin, M., Migliorini, F., Pravec, P., Wolf, M., Sarounova, L., Velichko, F.P., Krugly, Y.N. , Belskaya, I.N., Shevchenko, V.G.	The EUNEASO project: A European NEO Search, Follow-up, and Physical Observation Programme (1997) Annals of the New York Academy of Sciences, 822, pp. 27-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030790604&doi=10.1111%2fj.1749-6632.1997.tb48331.x&partnerID=40&md5=2b26bbf19e1326da2ffecafdbf825390
	Dovgopol, A.N., Krugly, Yu.N., Shevchenko, V.G.	Asteroid 126 Velleda: Rotation period and magnitude-phase curve (1996) Acta Astronomica, 42 (1), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030470097&partnerID=40&md5=482efd2e04389e7b72714acf12c5b510
	Magnusson, P., Dahlgren, M., Barucci, M.A., Jorda, L., Binzel, R.P., Slivan, S.M., Blanco, C., Riccioli, D., Buratti, B.J., Colas, F., Berthier, J., De Angelis, G., Di Martino, M., Dotto, E., Drummond, J.D., Fink, U., Hicks, M., Grundy, W., Wisniewski, W., Gaftonyuk, N.M., Geyer, E.H., Bauer, T., Hoffmann, M., Ivanova, V., Komitov, B., Donchev, Z., Denchev, P., Krugly, Yu.N. , Velichko, F.P., Chiorny, V.G., Lupishko, D.F., Shevchenko, V.G., Kwiatkowski, T., Kryszczyńska, A., Lahulla, J.F., Licandro, J., Mendez, O., Mottola, S., Erikson, A., Ostro, S.J., Pravec, P., Pych, W., Tholen, D.J., Whiteley, R., Wild, W.J., Wolf, M., Sarounova, L.	Photometric observations and modeling of asteroid 1620 Geographos (1996) Icarus, 123 (1), pp. 227-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16144366535&doi=10.1006%2ficar.1996.0151&partnerID=40&md5=6cde9d3e9ae04a7631d076ed29f5f3c
	Michalowski, T., Velichko, F.P., Di Martino, M., Krugly, Yu.N. , Kalashnikov, V.G., Shevchenko, V.G., Birch, P.V., Sears, W.D., Denchev, P., Kwiatkowski, T.	Models of Four Asteroids: 17 Thetis, 52 Europa, 532 Herculina, and 704 Interamnia (1995) Icarus, 118 (2), pp. 292-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343858387&doi=10.1006%2ficar.1995.1192&partnerID=40&md5=40a3654aef9c3ac8361849fd9c228bae
	Chernova, G.P., Kiselev, N.N., Krugly, Yu.N., Lupishko, D.F., Shevchenko, V.G., Velichko, F.P., Mohamed, R.A.	Photometry of amor asteroids 1036 ganymede and 1627 Ivar (1995) Astronomical Journal, 110 (4), pp. 1875-1878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011689324&partnerID=40&md5=90977db96722f7198ff0da999a16b0f7
	Spencer, J.R., Akimov, L.A., Angeli, C., Angelini, P., Barucci, M.A., Birch, P., Blanco, C., Buie, M.W., Caruso, A., Chiornij, V.G., Colas, F., Dentchev, P., Dorokhov, N.I., De Sanctis, M.C., Dotto, E., Ezhkova, O.B., Fulchignoni, M., Green, S., Harris, A.W., Howell, E.S., Hudecek, T., Kalashnikov, A.V., Kobelev, V.V., Korobova, Z.B., Koshkin, N.I., Kozhevnikov, V.P., Krugly, Y.N. , Lazzaro, D., Lecacheux, J., MacConnell, J., Mel'nikov, S.Yu., Michalowski, T., Mueller, B.E.A., Nakamura, T., Neese, C., Nolan, M.C., Osborn, W., Pravec, P., Riccioli, D., Shevchenko, V.S., Shevchenko, V.G., Tholen, D.J., Velichko, F.P., Venditti, C., Venditti, R., Wisniewski, W., Young, J., Zellner, B.	The Lightcurve of 4179 Toutatis: Evidence for Complex Rotation (1995) Icarus, 117 (1), pp. 71-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002689414&doi=10.1006%2ficar.1995.1143&partnerID=40&md5=71f6a59208ddb0d262bfada87767c15
	Mohamed, R.A., Krugly, Y.N. , Lupishko, D.F.	Light curves and rotation periods of asteroids 371 bohemia, 426 hippo, 480 hansa, and 735 marghanna (1995) Astronomical Journal, 109 (4), pp. 1877-1879.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11944259970&partnerID=40&md5=20c55019f0303277458c458939fa2410
	Mohamed, R.A., Krugly, Yu.N. , Velichko, F.P.	Photometry of two Mars-crossing asteroids 2078 Nanking and 2204 Lyyli (1994) Planetary and Space Science, 42 (4), pp. 341-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43949148565&doi=10.1016%2f0032-0633%2894%2990107-4&partnerID=40&md5=e8dce2bb292faacce3cdf8961c04e9d
	Shevchenko, V.G., Chiornij, V.G., Krugly, Yu.N. , Lupishko, D.F., Mohamed, R.A., Velichko, F.P., Michalowski, T., Avramchuk, V.V., Dovgopol, A.N.	Photometry of seventeen asteroids (1992) Icarus, 100 (2), pp. 295-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0006177856&doi=10.1016%2f0019-1035%2892%2990102-D&partnerID=40&md5=c30d27d56fbee828aa238afd2979be3
41	Ivko, S., Denysenko, I. , Azarenkov, N.	Electromagnetic wave propagation through magnetoactive plasma layers (2017) Problems of Atomic Science and Technology, 107 (1), pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016115798&partnerID=40&md5=f7e8cf8921d53ab17163e241229c4db2
	Denysenko, I.B. , Kersten, H., Azarenkov, N.A.	Electron energy distribution function, effective electron temperature, and dust charge in the temporal afterglow of a plasma (2016) Physics of Plasmas, 23 (5), art. no. 053704, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973574813&doi=10.1063%2f1.4952633&partnerID=40&md5=054d823c7566c564a896f076a0d708ef
	Denysenko, I.B. , Azarenkov, N.A., Ivko, S., Burmaka, G., Glazkov, A.	Effect of dust particles on electron energydistribution in glow and afterglow plasmas (2016) Problems of Atomic Science and Technology, 106 (6), pp. 179-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007545171&partnerID=40&md5=4b30a27a1b81a0d048a5bd1bd3093504
	Denysenko, I.B. , Kersten, H., Azarenkov, N.A.	Electron energy distribution in a dusty plasma: Analytical approach (2015) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 92 (3), art. no. 033102, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942259456&doi=10.1103%2fPhysRevE.92.033102&partnerID=40&md5=b08fb8eeab3f13430940317f8acd8652
	Denysenko, I.B. , Stefanović, I., Azarenkov, N.A., Burmaka, G.P.	Effect of secondary emission on the argon plasma afterglow with large dust density (2015) Physics of Plasmas, 22 (2), art. no. 023702, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923800390&doi=10.1063%2f1.4907225&partnerID=40&md5=9c3254323506d129ca329655d4e57455
	Burmaka, G.P., Denysenko, I.B. , Azarenkov, N.A.	Growth of forest of single-walled carbon nanotubes in inhomogenous fluxes from plasma (2015) Problems of Atomic Science and Technology, 95 (1), pp. 184-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923120540&partnerID=40&md5=1de82240d91b7c26595a581374e9be13
	Denysenko, I.B. , Stefanović, I., Azarenkov, N.A., Burmaka, G.P.	Effect of secondary emission on the afterglow of argon with negatively charged dust particles (2014) Problems of Atomic Science and Technology, 94 (6), pp. 157-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918545178&partnerID=40&md5=06d808d8b88d0b2142cd8083c8627462
	Sikimić, B., Stefanović, I., Denysenko, I.B. , Winter, J., Sadeghi, N.	Dynamics of pulsed reactive RF discharges in response to thin film deposition (2014) Plasma Sources Science and Technology, 23 (2), art. no. 025010, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898028954&doi=10.1088%2f0963-0252%2f23%2f2%2f025010&partnerID=40&md5=2b50efbd0435924f25dfb6496233c912
	Burmaka, G., Denysenko, I.B. , Ostrikov, K., Levchenko, I., Azarenkov, N.A.	Long, vertically aligned single-walled carbon nanotubes from plasmas: Morphokinetic and alignment controls (2014) Plasma Processes and Polymers, 11 (8), pp. 798-808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905919053&doi=10.1002%2fppap.201400059&partnerID=40&md5=8abce503488b94897f73f1f0d9691792
	Denysenko, I.B. , Stefanović, I., Sikimić, B., Winter, J., Azarenkov, N.A.	Discharging of dust particles in the afterglow of plasma with large dust density (2013) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 88 (2), art. no. 023104, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883865711&doi=10.1103%2fPhysRevE.88.023104&partnerID=40&md5=a546745a37861d26612f06e82aa7c02b
	Sikimić, B., Stefanović, I., Denysenko, I.B. , Winter, J.	A non-invasive technique to determine ion fluxes and ion densities in reactive and non-reactive pulsed plasmas (2013) Plasma Sources Science and Technology, 22 (4), art. no. 045009, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880614221&doi=10.1088%2f0963-0252%2f22%2f4%2f045009&partnerID=40&md5=a4f5aff8e7bf31559bc93cdd79eedb92

Burmaka, G.P., Denysenko, I.B. , Azarenkov, N.A.	Formation of forest of single-walled carbon nanotubes in plasma-enhanced chemical vapor deposition (2012) Problems of Atomic Science and Technology, (6), pp. 223-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871751771&partnerID=40&md5=c7f0c5100f8e574127b03c94e2e99a26
Denysenko, I.B. , Ivko, S., Smolyakov, A., Azarenkov, N.A.	Transmission of electromagnetic waves through a two-layer plasma structure with spatially nonuniform electron density (2012) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 86 (5), art. no. 056402, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868352663&doi=10.1103%2FPhysRevE.86.056402&partnerID=40&md5=e25f63f6d9fd6e1d8c5f6b25a89f88cd
Sikimić, B., Stefanović, I., Denysenko, I. , Sadeghi, N., Winter, J.	Time evolution of the electron and Ar* metastable atom densities in pulsed plasmas (2011) AIP Conference Proceedings, 1397, pp. 223-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84255170349&doi=10.1063%2f1.3659774&partnerID=40&md5=d4edc760ac414ae5b0d2d68bd73bc0c6
Ivko, S., Smolyakov, A., Denysenko, I. , Azarenkov, N.A.	Resonant transparency of a two-layer plasma structure in a magnetic field (2011) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 84 (1), art. no. 016407, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961109521&doi=10.1103%2FPhysRevE.84.016407&partnerID=40&md5=6db0f4b053eaf3e839637b83930e3eeb
Denysenko, I. , Stefanović, I., Sikimić, B., Winter, J., Azarenkov, N.A., Sadeghi, N.	A global model for the afterglow of pure argon and of argon with negatively charged dust particles (2011) Journal of Physics D: Applied Physics, 44 (20), art. no. 205204, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955839337&doi=10.1088%2f0022-3727%2f44%2f20%2f205204&partnerID=40&md5=bea2f162cace9486b646eae037d4dcf
Denysenko, I. , Azarenkov, N.A.	Formation of vertically aligned carbon nanostructures in plasmas: Numerical modelling of growth and energy exchange (2011) Journal of Physics D: Applied Physics, 44 (17), art. no. 174031, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79954613325&doi=10.1088%2f0022-3727%2f44%2f17%2f174031&partnerID=40&md5=6e3ff7f350636742d9c9bfc3c89e4910
Ivko, S., Smolyakov, A., Denysenko, I. , Azarenkov, N.A.	Controlled anomalous transmission through plasma layers (2010) Problems of Atomic Science and Technology, (6), pp. 129-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650617485&partnerID=40&md5=4fc70a5defb176b2edff7d4d41b5ab45
Mehdipour, H., Denysenko, I. , Ostrikov, K.	Structure of the magnetized sheath of a dusty plasma (2010) Physics of Plasmas, 17 (12), art. no. 123708, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650921946&doi=10.1063%2f1.3526740&partnerID=40&md5=7111ffb1a0f9932ad38310c6ada805b9
Sikimić, B., Stefanovic, I., Sadeghi, N., Denysenko, I. , Winter, J.	Electrode floating voltage measurements for determination of ion density in pulsed dusty plasmas (2010) 37th EPS Conference on Plasma Physics 2010, EPS 2010, 2, pp. 1058-1061.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875641468&partnerID=40&md5=14fcae62007bbcd9cd0b67cfce58a4
Ivko, S.V., Denysenko, I.B. , Smolyakov, A.I., Azarenkov, N.A.	Dispersion of the surface magnetoplasmons (2010) Problems of Atomic Science and Technology, (4), pp. 373-375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149481257&partnerID=40&md5=31d9d3d6823378a9a5df0ed2724990c2
Denysenko, I. , Ostrikov, K., Azarenkov, N.A.	Dust charge and ion drag forces in a high-voltage, capacitive radio frequency sheath (2009) Physics of Plasmas, 16 (11), art. no. 113707, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71749108708&doi=10.1063%2f1.3263682&partnerID=40&md5=017904801a407d1f72871492514e4074
Denysenko, I. , Ostrikov, K.	Plasma heating effects in catalyzed growth of carbon nanofibres (2009) Journal of Physics D: Applied Physics, 42 (1), art. no. 015208, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63749132309&doi=10.1088%2f0022-3727%2f42%2f1%2f015208&partnerID=40&md5=f0d756d947b8b46475d8865a36c323c7
Denysenko, I. , Ostrikov, K., Cvelbar, U., Mozetic, M., Azarenkov, N.A.	Carbon nanofiber growth in plasma-enhanced chemical vapor deposition (2008) Journal of Applied Physics, 104 (7), art. no. 073301, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54049103610&doi=10.1063%2f1.2986915&partnerID=40&md5=210ca4521838cbabc460d49db5f223e
Denysenko, I. , Ostrikov, K., Yu, M.Y., Azarenkov, N.A.	Effects of ions and atomic hydrogen in plasma-assisted growth of single-walled carbon nanotubes (2007) Journal of Applied Physics, 102 (7), art. no. 074308, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35348823666&doi=10.1063%2f1.2786058&partnerID=40&md5=9553dc9553a576683ca9e2bb12cf3c7b
Denysenko, I. , Ostrikov, K.	Ion-assisted precursor dissociation and surface diffusion: Enabling rapid, low-temperature growth of carbon nanofibers (2007) Applied Physics Letters, 90 (25), art. no. 251501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547309850&doi=10.1063%2f1.2750392&partnerID=40&md5=619e9bce8b989bd36709193db48cd2c1
Denysenko, I. , Ostrikov, K., Yu, M.Y., Azarenkov, N.A.	Behavior of the electron temperature in nonuniform complex plasmas (2006) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 74 (3), art. no. 036402, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748714324&doi=10.1103%2FPhysRevE.74.036402&partnerID=40&md5=b9572cb68e0ac43c8be0d63c2cde8db
Denysenko, I. , Berndt, J., Kovacevic, E., Stefanovic, I., Selenin, V., Winter, J.	The response of a capacitively coupled discharge to the formation of dust particles: Experiments and modeling (2006) Physics of Plasmas, 13 (7), art. no. 073507, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746824131&doi=10.1063%2f1.2222558&partnerID=40&md5=96ae943e7b7d2ddc3a693debc0c97
Denysenko, I. , Yu, M.Y., Azarenkov, N.A.	Effect of negative-ion flux on ion distribution around a spherical probe in electronegative plasmas (2006) Physics of Plasmas, 13 (1), art. no. 013505, pp. 1-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-31644449724&doi=10.1063%2f1.2163816&partnerID=40&md5=47db1d878521d9834e9ad30afe0b8740
Ostrikov, K., Denysenko, I. , Yu, M.Y., Xu, S.	Electron energy distribution function in low-pressure complex plasmas (2005) Journal of Plasma Physics, 71 (2), pp. 217-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844602418&doi=10.1017%2fS002237780400354X&partnerID=40&md5=ea70e3ae77b83301887515a408102641
Ostrikov, K., Tsakadze, Z., Rutkevych, P.P., Long, J.D., Xu, S., Denysenko, I.	PECVD of carbon nanostructures in hydrocarbon-based RF plasmas (2005) Contributions to Plasma Physics, 45 (7), pp. 514-521.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26244466554&doi=10.1002%2fcpp.200510057&partnerID=40&md5=d6c74b596969fb12db3aa8249900f4314
Ostrikov, K., Denysenko, I. , Yu, M.Y., Xu, S.	Nanopowder management and plasma parameters in nanofabrication of low-dimensional quantum structures in reactive silane-based plasmas (2005) Physica Scripta, 72 (2-3), pp. 277-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23344441718&partnerID=40&md5=661cd936f971401fc9a00acb28dda7d8
Denysenko, I. , Yu, M.Y., Stenflo, L., Xu, S.	Ion drag force in plasmas at high electronegativity (2005) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 72 (1), art. no. 016405, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27244443054&doi=10.1103%2FPhysRevE.72.016405&partnerID=40&md5=47a5736c990bca85b6d041a13e1da09b
Denysenko, I. , Yu, M.Y., Stenflo, L., Azarenkov, N.A.	Ion drag on dust grains in electronegative plasmas (2005) Physics of Plasmas, 12 (4), pp. 1-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20844454395&doi=10.1063%2f1.1862629&partnerID=40&md5=02b289cc826ed94b00bfcc2c29dce647
Denysenko, I. , Yu, M.Y., Xu, S.	Effect of plasma nonuniformity on electron energy distribution in a dusty plasma (2005) Journal of Physics D: Applied Physics, 38 (3), pp. 403-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13844254584&doi=10.1088%2f0022-3727%2f38%2f3%2f403&partnerID=40&md5=c63e4283954283f2372587815b260ec7
Rutkevych, P.P., Ostrikov, K., Denysenko, I.B. , Storer, R.G., Xu, S.	Simulation of gas-phase nanoparticle dynamics in the plasma-enhanced chemical vapor deposition of carbon nanostructures (2004) Physica Scripta, 70 (5), pp. 322-325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644261489&partnerID=40&md5=9643f33afbf9437adc9e4f8267e0d4f
Denysenko, I. , Yu, M.Y., Ostrikov, K., Azarenkov, N.A., Stenflo, L.	A kinetic model for an argon plasma containing dust grains (2004) Physics of Plasmas, 11 (11), art. no. 9, pp. 4959-4967.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10944254790&doi=10.1063%2f1.1793174&partnerID=40&md5=7a5ed57e9de2b47936d02ec6fd7f5e79
Denysenko, I. , Yu, M.Y., Ostrikov, K., Smolyakov, A.	Spatially averaged model of complex-plasma discharge with self-consistent electron energy distribution (2004) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 70 (4 2), art. no. 046403, pp. 046403-1-046403-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41349089506&doi=10.1103%2FPhysRevE.70.046403&partnerID=40&md5=94342efe48bb058005f90b4e65e9e20
Denysenko, I. , Ostrikov, K., Rutkevych, P.P., Xu, S.	Numerical simulation of nanoparticle-generating electronegative plasmas in the PECVD of nanostructured silicon film (2004) Computational Materials Science, 30 (3-4 SPEC. ISS.), pp. 303-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3142664035&doi=10.1016%2fj.commatsci.2004.02.015&partnerID=40&md5=8e1060d1ca967061c3040748f4c819ef
Denysenko, I.B. , Xu, S., Long, J.D., Rutkevych, P.P., Azarenkov, N.A., Ostrikov, K.	Inductively coupled Ar/CH 4/H 2 plasmas for low-temperature deposition of ordered carbon nanostructures (2004) Journal of Applied Physics, 95 (5), pp. 2713-2724.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642321079&doi=10.1063%2f1.1642762&partnerID=40&md5=f01f75dc2d9ca434b146dddb4e468462
Denysenko, I.B. , Ostrikov, K., Xu, S., Yu, M.Y., Diong, C.H.	Nanopowder management and control of plasma parameters in electronegative SiH4 plasmas (2003) Journal of Applied Physics, 94 (9), pp. 6097-6107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242468482&doi=10.1063%2f1.1618356&partnerID=40&md5=639dbe9ef047a92e12147959b77d3ce4

	Ostrikov, K., Denysenko, I.B. , Vladimirov, S.V., Xu, S., Sugai, H., Yu, M.Y.	Low-pressure diffusion equilibrium of electronegative complex plasmas (2003) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 67 (5 2), art. no. 056408, pp. 056408/1-056408/13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42749100706&partnerID=40&md5=014ecdd4bfb24e8b03bb9db7b592a69
	Denysenko, I. , Dudin, S., Zykov, A., Azarenkov, N., Yu, M.Y.	Ion flux uniformity in inductively coupled plasma sources (2002) Physics of Plasmas, 9 (11), p. 4767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036857892&doi=10.1063%2F1.1514669&partnerID=40&md5=7d40879cae8bea4043db93d1da9b92bf
	Ostrikov, K.N., Denysenko, I.B. , Tsakadze, E.L., Xu, S., Storer, R.G.	Diagnostics and two-dimensional simulation of low-frequency inductively coupled plasmas with neutral gas heating and electron heat fluxes (2002) Journal of Applied Physics, 92 (9), pp. 4935-4946.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18744370491&doi=10.1063%2F1.1510598&partnerID=40&md5=9595f395605aff969e7d188774c7b131
	Denysenko, I.B. , Gapon, A.V., Azarenkov, N.A., Ostrikov, K.N., Yu, M.Y.	Parameters and equilibrium profiles for large-area surface-wave sustained plasmas (2002) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 65 (4), art. no. 046419, pp. 046419/1-046419/11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37649032458&doi=10.1103%2FPhysRevE.65.046419&partnerID=40&md5=c78060e73e3c11e4a13877dee23b479f
	Denysenko, I.B. , Azarenkov, N.A., Yu, M.Y.	Radial structure of surface-wave sustained plasmas (2002) Physica Scripta, 65 (1), pp. 76-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036137379&doi=10.1238%2FPhysica.Regular.065a00076&partnerID=40&md5=e637b14602b2913c4fb478ee485967beb
	Azarenkov, N.A., Denysenko, I.B. , Gapon, A.V., Johnston, T.W.	The radial structure of a plasma column sustained by a surface wave (2001) Physics of Plasmas, 8 (5 1), pp. 1467-1481.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035326310&doi=10.1063%2F1.1358310&partnerID=40&md5=594e385f144b4755e587fa8f694ac1d4
	Azarenkov, N.A., Gapon, A.V., Denisenko, I.B., Smolyakov, A.I.	Influence of resonance energy absorption on the properties of gas discharge maintained by asymmetric surface waves (1999) Physica Scripta, 59 (4), pp. 298-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007372994&partnerID=40&md5=816544f0110e9162ac2e1dc42d610af2
	Azarenkov, N.A., Gapon, A.V., Denisenko, I.B.	Self-consistent modeling of high-frequency discharges sustained by azimuthally nonsymmetric surface waves (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 691-693.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230592&partnerID=40&md5=7b9c14ae2d5af8bfb921cd27cb8c8e36
	Azarenkov, N.A., Denisenko, I.B. , Tishetskiy, Yu.O.	Ion motion control by the field of ion-acoustic wave (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 658-660.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230956&partnerID=40&md5=fd265f20c3ff57d2e486639da300edf
	Azarenkov, N.A., Bizyukov, A.A., Gapon, A.V., Denisenko, I.B.	Control of ion beams by surface ion-acoustic wave fields (1998) Technical Physics Letters, 24 (2), pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032364699&partnerID=40&md5=ff798a19b66913513a387fa567fda4ef
	Azarenkov, N.A., Denisenko, I.B. , Ostrikov, K.N.	Microwave gas discharge produced and sustained by a surface wave propagating along a cylindrical metal antenna with a dielectric coating (1998) Journal of Plasma Physics, 59 (PART 1), pp. 15-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031677717&partnerID=40&md5=3922c395fb6d3e854c73569ea59cbd9d
	Azarenkov, N.A., Denisenko, I.B. , Ostrikov, K.N.	Antenna and feeder systems: Dispersion characteristics of cylindrical antenna in magnetoactive plasma (1996) Radiotekhnika i Elektronika, 41 (9), pp. 1050-1056.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748386368&partnerID=40&md5=95976c5e7b7fcaae33e46d43dea9e34c
	Azarenkov, N.A., Denisenko, I.B. , Ostrikov, K.N.	Dispersion characteristics of a cylindrical antenna in magnetoactive plasma (1996) Journal of Communications Technology and Electronics, 41 (11), pp. 969-975.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030234535&partnerID=40&md5=02840e68ff25ecdcb54e7af3b68d408
	Azarenkov, N.A., Denisenko, I.B. , Ostrikov, K.N.	Excitation of surface plasma waves in crossed electric and magnetic fields (1996) Plasma Physics Reports, 22 (3), pp. 226-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030556401&partnerID=40&md5=464e936ba5e1ac1a17c11a1e2689f277
	Azarenkov, N.A., Denisenko, I.B. , Ostrikov, K.N.	A model of a large-area planar plasma producer based on surface wave propagation in a plasma-metal structure with a dielectric sheath (1995) Journal of Physics D: Applied Physics, 28 (12), pp. 2465-2469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029512072&doi=10.1088%2F0022-3727%2F28%2F12%2F011&partnerID=40&md5=843e8f3ad7da4d1abc50bda7eb15b964
	Ostrikov, K.N., Azarenkov, N.A., Denisenko, I.B.	Resonant second harmonics generation of the submillimeter surface wave in the semiconductor superlattice bounded by a metal (1995) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 1, pp. 742-745.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029195352&partnerID=40&md5=7b0e61db1795beddfa84c296f485402f
	Azarenkov, N.A., Denisenko, I.B. , Ostrikov, K.N.	Microwave plasma discharge produced and sustained by the surface wave propagating along a metal wire (1994) IEEE International Conference on Plasma Science, pp. 82-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028751643&partnerID=40&md5=af6c2e2ac2faed744f089015bdbf4e0
42	Titar, V.P. , Ielchishcheva, V.	Application of lasers in ophthalmology (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851396, pp. 115-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015276697&doi=10.1109%2FCAOL.2016.7851396&partnerID=40&md5=7a0c671b9f6299211e520651ff5a61c9
	Titar, V.P. , Lebed, E.N., Naboka, A.M.	Perception of electromagnetic waves visible to the human eye (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851401, pp. 129-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015332512&doi=10.1109%2FCAOL.2016.7851401&partnerID=40&md5=da7f6d510607378d6af8694feafcb51b
	Titar, V.P.	Nonlinear holographic model of physiological optics (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 6657661, pp. 423-425.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893791038&doi=10.1109%2FCAOL.2013.6657661&partnerID=40&md5=6f62690f132a614c3c04dcddbe6237c3
	Tishko, T.V., Tishko, D.N., Titar, V.P. , Prikhodko, O.O., Bumeister, V.I.	Application of the digital holographic interference and electron microscopy methods for study of rats' blood erythrocytes 3D morphology in the condition of hard metal salts effect (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 6657660, pp. 420-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893739649&doi=10.1109%2FCAOL.2013.6657660&partnerID=40&md5=38fa32d4b56d9e5fd920876dc5716c74
	Titar, V., Shpachenko, O.	Reflection and refraction of laser radiation at interface between two uniaxial crystals (2012) Optical Memory and Neural Networks (Information Optics), 21 (3), pp. 177-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866922103&doi=10.3103%2FIS1060992X12030058&partnerID=40&md5=55d6465c641b58e5fa81db1028c6c6b3
	Tishko, T.V., Tishko, D.N., Titar, V.P.	Combining the polarization-contrast and interference-contrast methods for three-dimensional visualization of anisotropic microobjects (2012) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 79 (6), pp. 340-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864684598&doi=10.1364%2FJOT.79.000340&partnerID=40&md5=14c7533c2495227723b07bfbcbce97379
	Titar, V.P. , Shpachenko, O.V.	Theoretical analysis of laser radiation transmission at interface between two quasi-crystalline layers of the retina (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, art. no. 6145040, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857563449&doi=10.1109%2FLFNM.2011.6145040&partnerID=40&md5=39ce41e382fe01e5e78f40befa701a7c
	Tishko, T.V., Tishko, D.N., Titar, V.P.	3D morphology of phase microscopic objects by the digital holographic interference microscopy method (2011) Geomorphology and Plate Tectonics, pp. 345-358.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864654791&partnerID=40&md5=e3ea8f86bc35033aa1f0e53a990a5ea64
	Tishko, D.N., Tishko, T.V., Titar, V.P.	Application of the digital holographic interference microscopy for thin transparent films investigation [Anwendung der digitalen holographischen Interferenzmikroskopie zur Untersuchung dünner, transparenter Schichten] (2010) Praktische Metallographie/Practical Metallography, 47 (12), pp. 719-731.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651328208&partnerID=40&md5=7829b75adbf82003a6bfcd10cb8effa0
	Tishko, T.V., Tishko, D.N., Titar, V.P.	3D imaging of phase microscopic objects by digital holographic method (2010) 3D Imaging: Theory, Technology and Applications, pp. 51-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864695768&partnerID=40&md5=8a547d6db2020ccd52190e31e34dc5f4
	Titar, V. , Shpachenko, O.	Reflection of laser radiation from retina quasi-crystal layers: Model investigations (2010) Optical Memory and Neural Networks (Information Optics), 19 (1), pp. 39-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950638324&doi=10.3103%2FIS1060992X10010066&partnerID=40&md5=bdb0cd62154b4a26aa1ebba6aa67ceda
	Tishko, D.N., Tishko, T.V., Titar', V.P.	Using digital holographic microscopy to study transparent thin films (2009) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 76 (3), pp. 147-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65449130461&partnerID=40&md5=d534a6ca46b9e5b0bcd06cae9aa10e5

	Titar, V.P. , Bogdanova, T.V.	Complex optical holograms (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671983, pp. 447-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849094634&doi=10.1109%2FCAOL.2008.4671983&partnerID=40&md5=faced2d94996057f96d09c2f631b58798
	Titar, V.P. , Shpachenko, O.V.	Reflection of laser radiation from retina quasi-crystal layers: Model investigations (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671982, pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849100792&doi=10.1109%2FCAOL.2008.4671982&partnerID=40&md5=4f065ea56d65f4b5180a96ac3263d513
	Tishko, T.V., Titar, V.P. , Tishko, D.N., Statzenko, N.V., Korovay, V.I.	Using the digital holographic interference microscope for investigation of blood erythrocytes morphology of pregnant women and newborn infants (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671981, pp. 171-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849104534&doi=10.1109%2FCAOL.2008.4671981&partnerID=40&md5=0c2006da9361a117be670e2d65206a7a
	Titar, V.P. , Bogdanova, T.V.	Digital simulation of hologram registration with a discrete nonequidistant array (2008) Proceedings of SPIE - The International Society for Optical Engineering, 7006, art. no. 70060N, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45149132723&doi=10.1117%2F12.802296&partnerID=40&md5=9f6ba3f77adcdab0c41f10d9f9831c77b
	Tishko, T.V., Titar, V.P. , Tishko, D.N.	Erythrocytes three-dimensional morphology by digital holographic interference microscopy (2008) Proceedings of SPIE - The International Society for Optical Engineering, 7006, art. no. 70060O, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45149133226&doi=10.1117%2F12.802297&partnerID=40&md5=c58eb262fa17289036102ac1f4ca892d
	Tishko, T.V., Titar, V.P. , Tishko, D.N., Nosov, K.V.	Digital holographic interference microscopy in the study of the 3D morphology and functionality of human blood erythrocytes (2008) Laser Physics, 18 (4), pp. 486-490.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42349095277&doi=10.1134%2F1511490-008-4024-0&partnerID=40&md5=b44a1e1676aa0178d902f55491b67a2
	Titar, V.P. , Shpachenko, O.V., Naboka, A.M.	A new approach to polarization hologram registration (2007) OPT 2007 - International Workshop Optoelectronic Physics and Technology, art. no. 4298546, pp. 72-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46749119495&doi=10.1109%2FOPT.2007.4298546&partnerID=40&md5=27f2121a7025b07f43dca4ccf45332c1
	Tishko, D.N., Tishko, T.V., Titar, V.P. , Zadneprovskiy, Yu.A., Kuprin, A.S., Zgoda, I.V.	Application of the digital holographic interference microscope for thin films investigation (2007) OPT 2007 - International Workshop Optoelectronic Physics and Technology, art. no. 4298545, pp. 70-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46749156989&doi=10.1109%2FOPT.2007.4298545&partnerID=40&md5=c4bfe9b045244e959ae5d6059e2cc3
	Titar, V.P. , Bogdanova, T.V.	Determination of 3D objects parameters from synthesized multi-frequency optical holograms (2007) Proceedings of SPIE - The International Society for Optical Engineering, 6594, art. no. 659416, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248995568&doi=10.1117%2F12.725672&partnerID=40&md5=589c25dfa957d575502d75e8de8a9f13
	Titar, V.P. , Bogdanova, T.V.	Digital simulation of hologram registration with a discrete nonequidistant array (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018311, pp. 467-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250827238&doi=10.1109%2FLFNM.2006.252092&partnerID=40&md5=724a67565d7e8231bfb0de4ed8b5f8e
	Titar, V.P. , Shpachenko, O.V.	Computer simulation of visual processes in the framework of holographic model of physiological optics (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018238, pp. 191-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250809195&doi=10.1109%2FLFNM.2006.252019&partnerID=40&md5=6585593c397ca1bd7f6a07768c7d64d1
	Titar, V.P. , Shpachenko, O.V., Yartsev, V.I.	Mobile holographic lidar (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018237, pp. 187-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250805567&doi=10.1109%2FLFNM.2006.252018&partnerID=40&md5=e6b0ef6265da64a67ea5a60e9dea767b
	Titar, V.P. , Bogdanova, T.V.	Determination of optical characteristics of reflecting surfaces from complex holograms (2006) Proceedings of SPIE - The International Society for Optical Engineering, 6251, art. no. 62510X, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746034553&doi=10.1117%2F12.677725&partnerID=40&md5=b42db2a8ac5c9977723dc0b0c2ba0e8f
	Titar, V.P. , Shpachenko, O.V.	Haidinger's effect interpretation in the framework of holographic model of visual perception (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 2, art. no. 1553975, p. 271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845495145&doi=10.1109%2FCAOL.2005.1553975&partnerID=40&md5=59121df06a2d889d3fadceda93d26273
	Titar, V.P. , Bogdanova, T.V.	Optical multifrequency complex holograms (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 2, art. no. 1553961, pp. 223-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845481367&doi=10.1109%2FCAOL.2005.1553961&partnerID=40&md5=1efffa8148b4de173bf6e41a7668dfc
	Tishko, T.V., Titar, V.P. , Tishko, D.N.	Application of the digital holographic microscope for investigation of human red blood cells (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, art. no. 1553884, pp. 285-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845490818&doi=10.1109%2FCAOL.2005.1553884&partnerID=40&md5=bfd3b89751548c0bf0c2864ccc80b2
	Tishko, T.V., Titar, V.P. , Tishko, D.N.	Holographic methods of three-dimensional visualization of microscopic phase objects (2005) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 72 (2), pp. 203-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17444376029&partnerID=40&md5=7072d41545470e41a1f35610c68b9ea7
	Tishko, T.V., Titar, V.P. , Tishko, D.N.	Application of the holographic phase contrast method for 3-D imaging of phase microobjects (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244474806&partnerID=40&md5=a051d2ff263b4fe169a62dbb563ceae
	Batrakov, D.O., Titar, V.P. , Golovin, D.V., Tishko, T.V.	Numerical features of phase objects 3D images reconstruction via microinterferograms (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 329-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344265978&partnerID=40&md5=e4fda2a7fdb11efa155b83336c3cc82
	Tishko, T.V., Titar, V.P. , Barchotkina, T.M., Tishko, D.N.	Application of the holographic interference microscope for investigation of ozone therapy influence on blood erythrocytes of patients in Vivo (2004) Proceedings of SPIE - The International Society for Optical Engineering, 5582, art. no. 16, pp. 119-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16644389762&doi=10.1117%2F12.583399&partnerID=40&md5=4506b4c6a20dba39fed197f91cf6668d
	Bogdanova, T.V., Titar, V.P.	Complex optical holograms (2004) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 71 (5), pp. 298-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746043069&partnerID=40&md5=aa16b970e29a2478c1d7e00896cc302f
	Titar, V.P. , Shpachenko, O.V.	Cepstrum analysis in holographic information systems (2003) Proceedings of LFNM 2003 - 5th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1246102, pp. 137-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946112088&doi=10.1109%2FLFNM.2003.1246102&partnerID=40&md5=eccc02dbe0a63e1b49c8f795676d138c
	Tishko, T.V., Titar, V.P. , Barchotkina, T.M., Tishko, D.N.	Application of the holographic interference microscope for investigation of ozone therapy influence on blood erythrocytes of patients in vivo (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 2, art. no. 1251242, pp. 6-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16644366234&doi=10.1109%2FCAOL.2003.1251242&partnerID=40&md5=bab6a6190b2015a4c54b9de3591bc987
	Titar, V.P. , Shpachenko, O.V.	Coordinate-free holographic method for estimating the polarization characteristics of the reflected laser radiation (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 57 (8-9), pp. 113-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751198727&partnerID=40&md5=ae3f1ce981b4851f68d3830dccc8b8d
	Titar, V.P. , Bogdanova, T.V., Torkatyuk, M.T.	Illusions of Vision: Interpretation within the Framework of a Holographic Model (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 93 (4), pp. 631-638.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141671875&doi=10.1134%2F1517091&partnerID=40&md5=619f8d898ae105c6ee7bd4302305e7d
	Bogdanova, T.V., Titar, V.P. , Tomchuk, E.Ya.	Synthesis of Multifrequency Optical Holograms of Rotating Objects (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 92 (5), pp. 800-812.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141731222&doi=10.1134%2F151481150&partnerID=40&md5=0df30785789694b019719872007f535e
	Tishko, T.V., Titar, V.P.	Investigation of gamma radiation influence on rat blood erythrocytes in vivo and in vitro by holographic interference method (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014195, pp. 266-268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961875658&doi=10.1109%2FLFNM.2002.1014195&partnerID=40&md5=e5e0b7083e8e797fb0377240cfe441c
	Titar, V.P. , Shpachenko, O.V.	Holographic viscocontrastometry (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014197, pp. 269-272.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961926940&doi=10.1109%2FLFNM.2002.1014197&partnerID=40&md5=fcb9942836b19eda0627bc07e53363e1

	Andrushenko, L., Baker, J., Budakovskiy, S., Galunov, N., Titar, V. , Yermolenko, I.	Combined detectors based on crystalline p-terphenyl for detection of UV-radiation (2001) Molecular Crystals and Liquid Crystals Science and Technology, Section A: Molecular Crystals and Liquid Crystals, 361, pp. 293-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034869660&partnerID=40&md5=20097710e501e3201975eab8f33e0eeb
	Titar, V.P. , Shpachenko, O.V.	Coordinate-free holographic method of determination of polarization characteristics of reflected laser radiation (2001) Proceedings of LFNM 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 930240, pp. 177-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963846471&doi=10.1109%2Flnfm.2001.930240&partnerID=40&md5=1765c6ee1b5d61d9f56339f2525a296c
	Tishko, T.V., Titar, V.P.	Holographic microscopy. Methods, devices, applications (2001) Proceedings of LFNM 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 930237, pp. 162-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16644364652&doi=10.1109%2Flnfm.2001.930237&partnerID=40&md5=9fce0b6200e874bd949541e64d4b7ab6
	Bogdanova, T.V., Titar', V.P. , Tomchuk, E.Ya.	Imaging of Rotating Objects by Means of Synthesized Optical Holograms (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 89 (2), pp. 290-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141450228&doi=10.1134%2F1.1307450&partnerID=40&md5=8f45b16c66b7d75daf569b05981768f0
	Titar, V.P. , Spachenko, O.V.	Holographic model of physiological optics-new direction for creation of information system (2000) Proceedings of LFNM 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 854030, pp. 20-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250796143&doi=10.1109%2Flnfm.2000.854030&partnerID=40&md5=a32fc74231e8ebb07c3e59c28594b795
	Titar, V.P.	Determination of optical characteristics of reflecting surfaces from complex holograms (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (3), pp. 48-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844528612&partnerID=40&md5=fc829394b7242af7f7d5a1a31f42ee0f
	Titar, V.P.	Three-dimensional multi-frequency holograms (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (3), pp. 42-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844493015&partnerID=40&md5=8336df3d44003a9b5870475e6ad2297
	Titar', V.P.	Some properties of open-resonator laser systems (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 80-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844438026&partnerID=40&md5=ab6a8767e2b19962f7e1c1eb6ecd7893
	Titar', V.P.	Effect of surface roughness on the polarization state of reflected radiation (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 58-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844606392&partnerID=40&md5=e51c74eb3b19c43ebf4e554840ce4dc5
	Titar', V.P. , Bogdanova, T.V.	Spatial filtering with a discrete nonequidistant array (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 64-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844515124&partnerID=40&md5=f873a646b201dae3b027eea9d685929b
	Bogdanova, T.V., Titar, V.P. , Tomchuk, E.Ya.	Hartley holograms (1998) Optika i Spektroskopiya, 85 (6), pp. 1039-1046.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749386202&partnerID=40&md5=ee8016193645e7c6286bad3ae3bcd4c
	Bogdanova, T.V., Titar, V.P. , Tomchuk, E.Ya.	Synthesis of optical holograms of rotating objects (1998) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 85 (4), pp. 607-612.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141567262&partnerID=40&md5=f2f312b0ee5d6cbedb15609a90943986
	Bogdanova, T.V., Gernet, N.D., Titar', V.P.	Application of complex holograms recorded on a quasiperiodic array to the recognition of materials of planar metal objects (1998) Radiotekhnika i Elektronika, 43 (8), pp. 966-972.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032132294&partnerID=40&md5=cc504080ba123a040b08005fe522a1ca
	Bogdanova, T.V., Gernet, N.D., Titar', V.P.	Application of Complex Holograms Recorded on a Quasiperiodic Array to the Recognition of Materials of Planar Metal Objects (1998) Journal of Communications Technology and Electronics, 43 (8), pp. 900-906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2742568225&partnerID=40&md5=d72761ab930153f8f61759f7f4262e3a
	Bogdanova, T.V., Titar', V.P. , Tomchuk, E.Ya.	Hartley holograms (1998) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 85 (6), pp. 956-962.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11644294252&partnerID=40&md5=b5691263c56ac4abfce56cba99a1fd1c
	Bogdanova, T.V., Safronov, G.S., Titar, V.P.	Matching of the volume of holographic information with parameters of communication channels (1990) Soviet journal of communications technology & electronics, 35 (16), pp. 67-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025546176&partnerID=40&md5=8321e4439e4578962b8ac04d07341106
	Safronov, G.S., Titar, V.P. , Tomchuk, Ye.Ya.	FORMATION OF COMPLEX DIGITAL HOLOGRAMS AND RECONSTRUCTION OF OPTICAL IMAGES FROM SUCH HOLOGRAMS. (1981) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 26 (4), pp. 50-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019549486&partnerID=40&md5=8a4db51eae2ee3148434c901b6aea039
	Kudrev, V.N., Panibrattsev, Yu.A., Safronov, G.S., Safronova, A.P., Titar', V.P.	USE OF HOLOGRAM INTERFEROMETRY FOR DETECTING DEFECTS IN MICROELECTRONIC ARTICLES CAUSED BY A CHANGE OF THE MICRORELIEF. (1979) Soviet Microelectronics (English Translation of Mikroelektronika), 8 (2), pp. 123-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018446282&partnerID=40&md5=9de3363ecd2f0f245e2e8cc487ddee42
43	Bizyukov, A.A. , Chibisov, A.D., Romashchenko, E.V., Kolyada, Y.E.	Decay of liquid metallic macroparticles in plasmabeam systems due to rayleigh instability (2017) Problems of Atomic Science and Technology, 107 (1), pp. 163-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016124384&partnerID=40&md5=d84bb379ce8ac688c88f74fc689f9b7
	Kolyada, Y.E., Savinkov, N.A., Bizyukov, A.A. , Bulanchuk, O.N.	The size effect and X-RAY fluorescenc spectra of metallic nanoparticles (2017) Problems of Atomic Science and Technology, 107 (1), pp. 179-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016103626&partnerID=40&md5=94a5ae644dd6f8c820e3c8c4f5e3ae71
	Bizyukov, A.A. , Girk, I.O., Romashchenko, E.V.	Transport of a macroparticle in vacuum arc sheath (2016) IEEE Transactions on Plasma Science, 44 (7), art. no. 7486120, pp. 1050-1055.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973573011&doi=10.1109%2FTPS.2016.2573284&partnerID=40&md5=8d590d2176eb17b682cc0df722ed48d
	Bizyukov, A.A. , Chibisov, A.D., Romashchenko, E.V., Kolyada, Y.E.	Vaporization of metallic macroparticles in the high temperature technology plasma (2016) Problems of Atomic Science and Technology, 106 (6), pp. 268-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007618855&partnerID=40&md5=36a27ac5116d7853389c94522a9282bc
	Bizyukov, A.A. , Girk, I.O., Romashchenko, E.V., Chibisov, O.D.	Macroparticles in beam-plasma systems (2016) Problems of Atomic Science and Technology, 106 (6), pp. 187-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007607422&partnerID=40&md5=409cd2e3dbfc3ae28410f87f3ee436f
	Herashchenko, S.S., Makhilaj, V.A., Girk, O.I., Aksenov, N.N., Bizyukov, I.A., Malykhin, S.V., Surovitskiy, S.V., Sereda, K.N., Bizyukov, A.A.	Erosion features of tungsten surfaces under combined steady-state and transient plasma loads (2016) Problems of Atomic Science and Technology, 106 (6), pp. 69-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007609863&partnerID=40&md5=7f877e50c0dbfe7a9f3e1fc6d8b83269
	Bizyukov, A.A. , Girk, I.A., Romashchenko, E.V., Chibisov, A.D.	Charging of macroparticles in a high-voltage vacuum ARC sheath (2015) Problems of Atomic Science and Technology, 95 (1), pp. 246-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923166779&partnerID=40&md5=d95296997e943730168eabd10f120f2e
	Kolyada, Y.E., Bizyukov, A.A. , Bulanchuk, O.N., Fedun, V.I.	Pulse electrothermal plasma accelerators and its application in the technologies (2015) Problems of Atomic Science and Technology, 98 (4), pp. 319-324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941129628&partnerID=40&md5=754218b1b4082c095140e5d389190fa4
	Girk, O., Bizyukov, O. , Kolyada, Y., Sereda, K., Bizyukov, I.	Extraction of fusion relevant ion species from discharge of focused anode layer thruster (2015) Problems of Atomic Science and Technology, 98 (4), pp. 22-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941112294&partnerID=40&md5=0d4ccc88910a415a6c332b9153a7ec25
	Girk, O., Bizyukov, A. , Bizyukov, I., Gutkin, M., Mishin, S.	Operation modes of the FALCON ion source as a part of the AMS cluster tool (2015) Nukleonika, 60 (2), pp. 327-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931094033&doi=10.1515%2Fmfuka-2015-0059&partnerID=40&md5=efb2ec31c6794f0fb6dcdf5e58abf34e
	Bizyukov, A.A. , Chibisov, D.V., Chibisov, A.D., Romashchenko, E.V., Kovalenko, V.V.	Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources (2015) Problems of Atomic Science and Technology, 98 (4), pp. 298-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941082771&partnerID=40&md5=33ff0b4b664a3487fe192e79de328974

Chunadra, A.G., Sereda, K.N., Tarasov, I.K., Bizyukov, A.A. , Karazin Kharkiv, V.N.	Increasing of mass transfer efficiency at magnetron deposition of metal coating (2015) Problems of Atomic Science and Technology, 95 (1), pp. 181-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923130218&partnerID=40&md5=6a4d739cab8438323ffb4a5b47f452ec
Bizyukov, A.A. , Sereda, K.N., Chibisov, A.D., Romashchenko, E.V., Kovalenko, V.V.	Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam (2014) Problems of Atomic Science and Technology, 94 (6), pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918528760&partnerID=40&md5=e30cc1040b65337efe74f543cddf62c
Bizyukov, I.O., Girka, O.I., Starovoitov, R.I., Bizyukov, O.A. , Bobkov, V.V.	Exposure of tungsten surface to high-flux of helium and argon ions (2014) Problems of Atomic Science and Technology, 94 (6), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918554358&partnerID=40&md5=66a1fa4d14e1642959d3efc3233d6611
Mishin, S., Gutkin, M., Bizyukov, A. , Sleptsov, V.	Improving frequency control of temperature compensated surface acoustic wave devices (2013) 2013 Joint European Frequency and Time Forum and International Frequency Control Symposium, EFTF/IFC 2013, art. no. 6702045, pp. 111-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893225542&doi=10.1109%2FETFTF-IFC.2013.6702045&partnerID=40&md5=6959ce75fef4980dd048933ca5bc4579
Mishin, S., Gutkin, M., Bizyukov, A. , Sleptsov, V.	Method of controlling coupling coefficient of Aluminum Scandium Nitride deposition in high volume production (2013) 2013 Joint European Frequency and Time Forum and International Frequency Control Symposium, EFTF/IFC 2013, art. no. 6702105, pp. 126-128.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893293581&doi=10.1109%2FETFTF-IFC.2013.6702105&partnerID=40&md5=a72132ba3b0940dbb7cc588000a38fad
Bizyukov, A.A. , Chibisov, A.D., Sereda, K.N., Romashchenko, E.V., Dimitrova, V.	Charging processes and phase states of macroparticles in low-pressure arc discharge (2013) Problems of Atomic Science and Technology, (4), pp. 176-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881569964&partnerID=40&md5=7bcd19f3b7d387e81622c68f2cc36b97
Bizyukov, A.A. , Romashchenko, E.V., Sereda, K.N., Abolmasov, S.N.	Particle charging in beam-plasma systems (2013) Problems of Atomic Science and Technology, (1), pp. 183-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878237722&partnerID=40&md5=3acccf051c10f2783109bf97c01bcce7
Bizyukov, A.A. , Sereda, K.N., Sleptsov, V.V., Tarasov, I.K., Chunadra, A.G.	Pulsed magnetron sputtering system power supply without limitation and forced interruption of the discharge current (2013) Problems of Atomic Science and Technology, (1), pp. 225-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876178541&partnerID=40&md5=065c4809918c96288420bfdd4ff9d772
Bizyukov, A.A. , Girka, O.I., Romashchenko, E.V., Sereda, K.N., Yunakov, N.N.	Self-compensation of the focused ion beam space charge (2013) Problems of Atomic Science and Technology, (1), pp. 204-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876169582&partnerID=40&md5=3492efb83fd5a9decea8e307c9cc07fa
Makhlaj, V.A., Aksenov, N.N., Byrka, O.V., Garkusha, I.E., Bizyukov, A.A. , Bizyukov, I.A., Girka, O.I., Sereda, K.N., Bazdyreva, S.V., Malykhin, S.V., Pugachov, A.T.	Combined exposures of tungsten by stationary and transient hydrogen plasma heat loads: Preliminary results (2013) Problems of Atomic Science and Technology, (1), pp. 70-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876192977&partnerID=40&md5=36d33e9ffdb4b6734147d1bcd6fcfb4
Bizyukov, A.A. , Chibisov, A.D., Romashchenko, E.V.	Effect of the parameters of a gas-discharge plasma on the equilibrium temperature and floating potential of macroparticle (2012) Problems of Atomic Science and Technology, (6), pp. 175-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871791983&partnerID=40&md5=fc44ad778db29bcc2fbadf1d713c2fe0
Bizyukov, A.A. , Girka, A.I., Sereda, K.N., Sleptsov, V.V., Romashchenko, E.V.	Longitudinal ion source with the current self-compensation of the focused ion beam (2012) Plasma Physics Reports, 38 (13), pp. 1032-1036.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871832557&doi=10.1134%2FIS1063780X12080077&partnerID=40&md5=e787d12a6a9a42d4df30da08dfbe1a69
Girka, O.I., Bizyukov, I.A., Bizyukov, A.A. , Sereda, K.N., Herashchenko, S.S.	Mass-separation of impurities in the ion beam systems with reversed magnetic beam focusing (2012) Problems of Atomic Science and Technology, (6), pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871786073&partnerID=40&md5=356284f694c25a0e595bc6fd601ff336
Bizyukov, A.A. , Sereda, K.N., Sleptsov, V.V., Tarasov, I.K., Chunadra, A.G.	High-current pulsed operation modes of the planar mss with magnetically insulated anode without transition to the arc discharge (2012) Problems of Atomic Science and Technology, (6), pp. 190-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871772804&partnerID=40&md5=ec48e554338ce9fdd132ed0940ba20a
Girka, O., Bizyukov, I., Sereda, K., Bizyukov, A. , Gutkin, M., Sleptsov, V.	Compact steady-state and high-flux Falcon ion source for tests of plasma-facing materials (2012) Review of Scientific Instruments, 83 (8), art. no. 083501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865752752&doi=10.1063%2F1.4740519&partnerID=40&md5=4620559ab8f3e5975536df6042b7b2
Bizyukov, A.A. , Girka, A.I., Sereda, K.N., Sleptsov, V.V., Romashchenko, E.V.	Longitudinal ion source with a current self-compensation of the focused ion beam (2011) Applied Physics, (5), pp. 74-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886911277&partnerID=40&md5=02c06caf7b8626a2057901ddad817ac6
Bizyukov, A.A. , Sereda, K.N., Chibisov, A.D.	Charging processes of metal macroparticles in the low-temperature plasma at presence of high-energy electron beam (2011) Problems of Atomic Science and Technology, (1), pp. 107-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952463258&partnerID=40&md5=64fa10cb7906c13d93358256fd9cad0
Bizyukov, A.A. , Bizyukov, I.A., Girka, O.I., Sereda, K.N., Sleptsov, V.V., Gutkin, M., Mishin, S.	Ion beam system for Nanotrimming of functional microelectronics layers (2011) Problems of Atomic Science and Technology, (1), pp. 110-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952474562&partnerID=40&md5=e6e11ba5571ffdb5947fee877eae7247
Bizyukov, A.A. , Girka, O.I., Sereda, K.N., Sleptsov, V.V., Chunadra, A.G.	Control of planar magnetron sputtering system operating modes by additional anode magnetic field (2010) Problems of Atomic Science and Technology, (6), pp. 144-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650609214&partnerID=40&md5=ca2af4683a1694cf16be8391ef12cb60
Bizyukov, A.A. , Girka, O.I., Kashaba, A.Y., Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Phase states of macroparticles under interaction of keV ion beam with dusty plasma (2010) Problems of Atomic Science and Technology, (6), pp. 147-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650595301&partnerID=40&md5=3d42a59f6c72d02487ad2b67810e1eb1
Bizyukov, A.A. , Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Heating and evaporation of metal macroparticles in beam-plasma systems (2010) Problems of Atomic Science and Technology, (4), pp. 189-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149476526&partnerID=40&md5=7616e22330489f898b9868e58b108507
Bizyukov, A.A. , Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Electric potential of a macroparticle in beam-plasma systems (2009) Plasma Physics Reports, 35 (7), pp. 499-501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349591826&partnerID=40&md5=93c9558ec22ee875b999df97209f8d54
Bizyukov, A.A. , Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Electric potential of a macroparticle in beam-plasma systems (2009) Plasma Physics Reports, 35 (6), pp. 499-501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349441028&doi=10.1134%2FIS1063780X09060063&partnerID=40&md5=cf0b5d15896961712825e5b8d99178ff
Bizyukov, O.A., Sereda, K.N., Sleptsov, V.V.	High-current magnetron discharge with magnetic insulation of anode (2008) Problems of Atomic Science and Technology, (4), pp. 179-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549265503&partnerID=40&md5=8ffe5155de57a98eb55f6c27ee096865
Afanas'eva, I.A., Bizyukov, A.A. , Borisko, V.N., Ryabschikov, D.L., Unakov, N.N.	The emission characteristics of the electrodes metal hydride in gas discharge of low pressure (2008) Problems of Atomic Science and Technology, (4), pp. 174-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549251068&partnerID=40&md5=5f4839e4144cef5a58e8c005dbec2c0
Bizyukov, A.A. , Romashchenko, E.V., Sereda, K.N., Chibisov, A.D., Nazarov, A.V.	Emission characteristics and potential of macroparticle in beam-plasma discharge (2008) Problems of Atomic Science and Technology, (6), pp. 162-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549260732&partnerID=40&md5=296f6c36bb403772bab2f8b7736ac319
Bizyukov, A.A. , Girka, A.I., Sereda, K.N., Nazarov, A.V., Romashchenko, E.V., Karazin, V.N.	Hall ion source with ballistic and magnetic beam focusing (2008) Problems of Atomic Science and Technology, (6), pp. 174-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549269447&partnerID=40&md5=78f0e44d739b1edd7ccc02ae5dfd36ff
Abolmasov, S.N., Samukawa, S., Bizyukov, A.A.	Theory of instabilities in crossed-field discharges at low pressures (2007) Physics of Plasmas, 14 (9), art. no. 093501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34848851297&doi=10.1063%2F1.2768022&partnerID=40&md5=6363edaefd109f5d0cfb64c3e5ccc23
Abolmasov, S.N., Bizyukov, A.A.	On the magnetic field profile in a high-power planar magnetron discharge (2005) IEEE Transactions on Plasma Science, 33 (4), pp. 1447-1449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644553903&doi=10.1109%2FTIPPS.2005.852358&partnerID=40&md5=474d45a6af6b7ccc922cde348987bbf3
Grekov, D.L., Azarenkov, N.A., Bizyukov, A.A. , Olefir, V.P.	An optimized antenna for plasma generation in the IIP-1 facility (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 60 (5-6), pp. 134-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949954273&doi=10.1615%2FTelecomRadEng.v60.i56.160&partnerID=40&md5=a30b627f3cfb7b056ae39337448ade41

	Abolmasov, S.N., Shindo, M., Buttlar, M.V., Muta, H., Bizyukov, A.A. , Kawai, Y.	Development of a hybrid PIG-ECR ion source (2003) Surface and Coatings Technology, 174-175, pp. 142-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1854402813&doi=10.1016%2F0257-8972%2803%2900398-0&partnerID=40&md5=34a9b94d86783068dadd14df2caec9f
	Bobkov, V., Azarenkov, M., Bizyukov, O. , Bobkov, V.I.V., Noterdaeme, J.-M., Wilhelm, R.	Development of coatings to improve RF voltage stand-off (2003) Surface and Coatings Technology, 174-175, pp. 176-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042858388&doi=10.1016%2F0257-8972%2803%2900409-2&partnerID=40&md5=0a657078350105da5f44b2637be197e
	Abolmasov, S.N., Bizyukov, A.A. , Kawai, Y., Kashaba, A.Y., Maslov, V.I., Sereda, K.N.	Low-energy penning ionization gauge type ion source assisted by RF magnetron discharge (2002) Japanese Journal of Applied Physics, Part 1: Regular Papers and Short Notes and Review Papers, 41 (8), pp. 5415-5418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036698044&partnerID=40&md5=2ff3c1a2af01cb2d647e8dd01b33ea1
	Bizyukov, A.A. , Kashaba, A.Y., Sereda, K.N.	Longitudinal ion source with beam autocompensation (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, art. no. 6220164, pp. 276-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864549267&partnerID=40&md5=f3fa9a90b25b4d006ff72aa6e066d275
	Bizyukov, A.A. , Bobkov, V.I.V., Kashaba, A.Y., Sereda, K.N.	Improvement of current efficiency of ion sources based on Penning discharge (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, art. no. 6220163, pp. 272-275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864529974&partnerID=40&md5=11d5fe8b03f9e41e3cd077a9f4fbc9f
	Bizyukov, A.A. , Kashaba, A.Y., Maslov, V.I., Sereda, K.N., Sereda, N.D., Tarasov, I.K., Abolmasov, S.N.	Ion beam formation in the field of double layer stabilized by spatial reversal of magnetic field (2000) Plasma Devices and Operations, 8 (3), pp. 147-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034458975&partnerID=40&md5=7ed20798062776b6d6fffd2840b193c
	Bizyukov, A.A. , Kashaba, A.Y., Sereda, K.N.	Secondary emissive double layer in beam-plasma system (1999) IEEE Transactions on Plasma Science, 27 (1), pp. 159-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032633641&doi=10.1109%2F27.763106&partnerID=40&md5=ba97f47f9a7b95f62519463dd41bc527
	Azarenkov, N.A., Bizyukov, A.A. , Gapon, A.V., Denisenko, I.B.	Control of ion beams by surface ion-acoustic wave fields (1998) Technical Physics Letters, 24 (2), pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032364699&partnerID=40&md5=ff798a19b66913513a387fa567fda4ef
	Bizyukov, A.A. , Kashaba, A.Y., Sereda, K.N.	Gas-discharge neutralizer for ion-beam system (1997) Review of Scientific Instruments, 68 (12), pp. 4415-4417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031375237&partnerID=40&md5=7bf8d56aba45d4e3360474e8c7d4a954
	Bizyukov, A.A. , Kashaba, A.E., Sereda, K.N., Tseluiko, A.F., Yunakov, N.N.	Autocompensation of an ion beam in an accelerator with an anode sheath (1997) Technical Physics Letters, 23 (5), pp. 403-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031520696&partnerID=40&md5=6ba2184a682b23355e78d2141b264d9e
	Bizyukov, A.A. , Sereda, K.N., Sereda, N.D., Perevozchikov, B.N., Sleptsov, V.V.	A heavy-current impulsive ion source with an evaporated anode (1996) Instruments and Experimental Techniques, 39 (6), pp. 877-879.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343769562&partnerID=40&md5=715c9928b355f7017ee0176cb43eb064
	Bizioukov, A.A. , Kashaba, A.Y., Sereda, K.N., Tseluyko, A.Ph., Yunakov, N.N.	Multichannel source of synthesized ion-electron flow (1996) Review of Scientific Instruments, 67 (12), pp. 4117-4119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5944231287&partnerID=40&md5=dba645f384d011cbb032db55ee3474
	Bizioukov, A.A. , Kashaba, A.Y.	Structure of ionization zone in crossed-field discharge (1996) IEEE International Conference on Plasma Science, p. 160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029722917&partnerID=40&md5=b4ac718b93751ff095a1ea2de079c3ce
	Bizioukov, A.A. , Sereda, K.N., Sereda, N.D.	Negative ion source on the secondary emission electrons (1996) IEEE International Conference on Plasma Science, p. 223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029701907&partnerID=40&md5=6391f96228b66747a30e3f54ab27cf25
	Bizioukov, A.A. , Kashaba, A.Y., Sereda, K.N.	Virtual anode in Hall source of ions (1996) IEEE International Conference on Plasma Science, pp. 159-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029725054&partnerID=40&md5=ed40c3a2a95d3218979c69a3a92be
	Bizioukov, A.A. , Kashaba, A.Y., Yunakov, N.N.	Investigation of cathode layer in the discharge with oscillating electrons (1996) IEEE International Conference on Plasma Science, p. 159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029725055&partnerID=40&md5=777fe3b0f2819d20d45456ab1c92728f
44	Doroshenko, V.A. , Ievleva, S.N., Klimova, N.P., Nechiporenko, A.S., Strelitskiy, A.A.	Solution to the model problem of excitation of loaded conic slot antenna by method of singular integral equations (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (20), pp. 1799-1812.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016948039&doi=10.1615%2FTelecomRadEng.v75.i20.10&partnerID=40&md5=a4e319c11fbcc0b595c85b79301cbe
	Doroshenko, V.O., Strelitskiy, O.E., Strelitskiy, O.O.	Excitation of the slot conical antenna (theory and experiment) (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136861, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939438292&doi=10.1109%2FICATT.2015.7136861&partnerID=40&md5=12336126e6af910e3890a36c6e70c70
	Doroshenko, V.O. , Strelitskiy, O.E., Strelitskiy, O.O.	Experimental study of the properties of wideband antennas of special shape (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136860, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939437492&doi=10.1109%2FICATT.2015.7136860&partnerID=40&md5=74d80c2545116ddaf6f4a6f9daa606c
	Doroshenko, V.O. , Strelitskiy, O.O.	Time domain Green's function for a semi-penetrable circular cone with longitudinal slots (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928724, pp. 79-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910048593&doi=10.1109%2FMMET.2014.6928724&partnerID=40&md5=81cd637ab033ed7560cf18e0cb9d9c6db
	Doroshenko, V.A. , Tytarenko, A.M., Strelitskiy, A.A.	Performance of a half-transparent cone with an axial slot in the field of a radially oriented electric dipole (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (16), pp. 1409-1416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914820948&doi=10.1615%2FTelecomRadEng.v73.i16.10&partnerID=40&md5=330cb7fe36add338df369637570b1e56
	Doroshenko, V.O. , Strelitskiy, O.O., Strelitskiy, O.E.	Experimental investigation of the cone antenna with a longitudinal slot (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959506, pp. 517-518.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915735415&doi=10.1109%2FCRMICO.2014.6959506&partnerID=40&md5=6cf5b18f83be89262c3511a0639b5752
	Doroshenko, V.A. , Blisun, A.P., Shimuk, Y.D., Zuev, N.G.	Singular integral equations method in mathematical modeling of specific open conical structure excitation (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170753, pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8485996664&doi=10.1109%2FICATT.2011.6170753&partnerID=40&md5=58049e0b9a854919b0acdcb606a7638b
	Doroshenko, V.A. , Artjukh, A.V., Parhomenko, V.A.	Electromagnetic waves diffraction on a system of open cones in time domain (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611354, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649260619&doi=10.1109%2FMMET.2010.5611354&partnerID=40&md5=44ee3fd24e156aba3a36e147758cd372
	Doroshenko, V.A. , Dzigora, Y.A., Shimuk, Y.D.	Scattering of a point transient source field by a slot cone (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (10), pp. 847-856.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958540025&doi=10.1615%2FTelecomRadEng.v69.i10.10&partnerID=40&md5=c8a364d3c75b993ea04bd62c7526c2a
	Doroshenko, V.A. , Shimuk, Yu.O.	Simulation of transient wave scattering on the cone with longitudinal slots and an internal insert (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (7), pp. 609-618.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953970021&doi=10.1615%2FTelecomRadEng.v69.i7.30&partnerID=40&md5=32651db1e5b70716ed1b6504e85187b
	Doroshenko, V.A. , Shimuk, Y.D.	Pulse electromagnetic field scattering on a cone surface with slots (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4581019, pp. 432-434.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749101007&doi=10.1109%2FMMET.2008.4581019&partnerID=40&md5=4a859e4cf29a1400569d680339082fad
	Semenova, E.K., Doroshenko, V.A.	Electromagnetic excitation of PEC slotted cones by elementary radial dipoles - A semi-inversion analysis (2008) IEEE Transactions on Antennas and Propagation, 56 (7), pp. 1976-1983.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249086464&doi=10.1109%2FTAP.2008.924718&partnerID=40&md5=125131f59e48aca3e1a0cb9a69878b93
	Doroshenko, V.A.	Analytical and numerical method for solving model problems of slotted cone antenna impulse excitation (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425160, pp. 211-213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849141514&doi=10.1109%2FICATT.2007.4425160&partnerID=40&md5=17b9d8f1a9877e9f6206ebf26d2a68

	Doroshenko, V.A. , Semenova, E.K., Doroshenko, Ya.V., Ruzhytskaya, S.V.	Diffraction of the plane electromagnetic wave on the structure incorporating two coaxial unclosed cones (2007) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 66 (5), pp. 427-439.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3454812880&doi=10.1615%2FTelecomRadEng.v66.i5.40&partnerID=40&md5=5fbd9c62b5a001838f8f8e441859654
	Doroshenko, V.A.	Electromagnetic wave diffraction on a resistive cone with longitudinal slots (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689838, pp. 510-512.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547380967&partnerID=40&md5=b7fd48812c134d7b2d0211ad2bfe257b
	Doroshenko, V.A.	Wave scattering on a cone surface with the impedance-type boundary conditions (2006) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 65 (5), pp. 387-397.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249888791&doi=10.1615%2FTelecomRadEng.v65.i5.10&partnerID=40&md5=97c636cfaf24a0eb51902ddc183b6515
	Doroshenko, V.A.	Simulation of impulse exciting a slotted cone antenna (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099296, pp. 306-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249087494&doi=10.1109%2FUWBUS.2006.307238&partnerID=40&md5=f5c5fb68e96b5d3516fab8906ea13c7
	Doroshenko, V.A. , Kravchenko, V.F., Pustovoit, V.I.	Diffraction of electromagnetic waves on an imperfectly conducting conical structure of a particular shape (2006) Doklady Physics, 51 (10), pp. 529-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750339743&doi=10.1134%2F1028335806100016&partnerID=40&md5=f79b5a0377250ba8ee3cef3db4086d
	Doroshenko, V.A.	Complex periodical perfectly conducting cone structure excitation (2005) Elektromagnitnye Volny i Elektronnyye Sistemy, 10 (7), pp. 28-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29144474147&partnerID=40&md5=878d320fbb05ad69faacd1c9359d046
	Doroshenko, V.A. , Kravchenko, V.F., Pustovoit, V.I.	Meler-fock transformations in problems of wave diffraction on unclosed structures in the time region (2005) Doklady Physics, 50 (11), pp. 560-564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28644444047&doi=10.1134%2F1.2137789&partnerID=40&md5=68315cc2bcb4140115995f7cb086d7
	Doroshenko, V.A.	Plane wave diffraction on an unclosed bicone structure (2005) Elektromagnitnye Volny i Elektronnyye Sistemy, 10 (11-12), pp. 23-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644906603&partnerID=40&md5=8126618135aed834165955afa231308b
	Semenova, E., Doroshenko, V.	Scattering on the coaxial slotted cones (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496908, pp. 152-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745438723&doi=10.1109%2FICATT.2005.1496908&partnerID=40&md5=dd713950965e0590623d540372da448
	Doroshenko, V.A. , Kravchenko, V.F., Pustovoit, V.I.	Meler-Fock transforms in time domain problems of diffraction on unclosed structures (2005) Doklady Akademii Nauk, 405 (2), pp. 184-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644619067&partnerID=40&md5=a9a5053937c9135139257b03ac4e9d18
	Doroshenko, V.	Integral transforms in time-domain problems for unclosed conical surfaces (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 318-320.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344286000&partnerID=40&md5=c8a68283ff3556317ff7e550be5090c7
	Semenova, E., Doroshenko, V.	Plane wave diffraction by a 3D special slotted cone (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 583-585.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344285298&partnerID=40&md5=24cd72c373d1e2664fad4313eed1ae9d
	Doroshenko, V. , Almkayev, E.	Electromagnetic wave scattering on irregular imperfectly conducting structures (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 574-576.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344280308&partnerID=40&md5=a13a8eb0241dff945cdf191893918f4f
	Doroshenko, V.A. , Semenova, Y.K.	Electromagnetic wave diffraction by a cone with longitudinal slots and a solid conic screen inside (2003) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 60 (7-9), pp. 69-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949965554&doi=10.1615%2FTelecomRadEng.v60.i789.90&partnerID=40&md5=1dc710920b4ada46f60ba16a4c70e1a
	Doroshenko, V.A. , Semenova, E.K.	Field behaviour near the vertex of a cone with longitudinal slots (2003) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 60 (1-2), pp. 38-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950250456&doi=10.1615%2FTelecomRadEng.v60.i12.50&partnerID=40&md5=3c1a101b3d3c85b5e2390cf0967ceae
	Doroshenko, V.A. , Kravchenko, V.F.	Paired sum equations and singular integral equations in electromagnetic scattering by open conical structures (2003) Differential Equations, 39 (9), pp. 1271-1276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543052864&doi=10.1023%2FB%3aDIEQ.0000012694.32461.04&partnerID=40&md5=b9d2bc739d4938f2cfbb1a20322e7817
	Semenova, E.K., Doroshenko, V.A.	Source field scattering on a cone with longitudinal slots (2003) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 1, pp. 269-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042975264&partnerID=40&md5=7aab4f50c2b43567d1cad60e8dc80125
	Doroshenko, V.A.	The Kontorovich-Lebedev transforms and the semi-inversion method in model excitation problems for a slotted conical antenna (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239174, pp. 158-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946129807&doi=10.1109%2FICATT.2003.1239174&partnerID=40&md5=67c3f9651e75b25cc252da141d696668
	Doroshenko, V.A. , Semenova, E.K.	Excitation of a modified slotted cone antenna (2003) ISAPE 2003 - 2003 6th International Symposium on Antennas, Propagation and EM Theory, Proceedings, art. no. 1276619, pp. 27-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945119340&doi=10.1109%2FISAPE.2003.1276619&partnerID=40&md5=36aabb8e2c4d34c62b214cf5ac85c96
	Doroshenko, V.A. , Semenova, E.K.	Plane electromagnetic wave diffraction on an unclosed cone structure (2003) International Conference on Transparent Optical Networks, 1, art. no. 1264639, pp. 299-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954436097&doi=10.1109%2FICTON.2003.1264639&partnerID=40&md5=daf1207f5a1de52a431a3c3d3fd3bc7f
	Semenova, E.K., Doroshenko, V.A.	Modeling of plane electromagnetic wave diffraction on a conical antenna (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, art. no. 1239180, pp. 178-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946151638&doi=10.1109%2FICATT.2003.1239180&partnerID=40&md5=2984dddae20b21fa74e35f8635d918ec
	Doroshenko, V.A. , Semenova, E.K., Almkayev, E.Ya.	Electromagnetic wave diffraction on a 3D complicated conical structure (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, art. no. 1250565, pp. 227-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945126383&doi=10.1109%2FCAOL.2003.1250565&partnerID=40&md5=cc112d37ed5f180a222da7a9b3982c3
	Doroshenko, V.A.	Singular integral equations in the problem of wave diffraction by a grating of imperfect flat irregular strips (2002) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 57 (6-7), pp. 65-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751301377&partnerID=40&md5=1aa1f27e10d4b83ed46f4a0ead683af0
	Doroshenko, V.A. , Remyayeva, O.A.	Integral equations in the problem on longitudinal slot cone excitation (2002) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 57 (2-3), pp. 1-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751261667&partnerID=40&md5=e99992c942b2fc32da15f35b87179f86
	Doroshenko, V.A. , Semenova, E.K.	Electromagnetic wave diffraction by a longitudinally slotted cone (2002) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 58 (3-4), pp. 82-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751163978&partnerID=40&md5=e97072b00d6af8f8acc3b3cfde280aef
	Doroshenko, V.A.	Excitation of a slotted bicone by an impulse magnetic dipole (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106858, pp. 192-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948960234&doi=10.1109%2FMMET.2002.1106858&partnerID=40&md5=d591307ec0f1627b610a5058edaf5ce7
	Doroshenko, V.A. , Kravchenko, V.F.	Application of singular integral equations for solving problems of wave diffraction on an array composed of irregular planar strips (2002) Doklady Physics, 47 (3), pp. 201-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036011767&doi=10.1134%2F1.1467862&partnerID=40&md5=4d6318fa079b14c1f8c23146ce94621f
	Doroshenko, V.A. , Semenova, E.K.	Electromagnetic waves scattering on an unclosed cone with an isotropic one inside (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1107027, pp. 589-591.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948974082&doi=10.1109%2FMMET.2002.1107027&partnerID=40&md5=d2e49e5571684e5b8ac135bc52660b6
	Doroshenko, V.A. , Kravchenko, V.F.	Using singular integral equations for solving a problem of wave diffraction on grating consisting of impedance plane nonuniform strips (2002) Doklady Akademii Nauk, 383 (2), pp. 189-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036420019&partnerID=40&md5=56952e6972201a285a47dcb7f19703fe
	Doroshenko, V.A.	Solving the wave equation for a slotted cone placed on an impedance plane (2001) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 56 (6-7), pp. 54-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144440173&partnerID=40&md5=4565224f0ccae758df241ad50a5dc8

	Doroshenko, V.A. , Kravchenko, V.F.	The scattering of plane electromagnetic waves from a cone with longitudinal slots (2001) Radiotekhnika i Elektronika, 46 (3), pp. 296-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035773282&partnerID=40&md5=4369c8a645ab522630f8e108862fb26f
	Doroshenko, V.A. , Kravchenko, V.F.	Nonstationary diffraction on an unclosed cone (2001) Doklady Akademii Nauk, 378 (2), pp. 183-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035774061&partnerID=40&md5=9994bf2b2cdeada53df7aa8c6b374f39
	Doroshenko, V.A. , Evsyukov, E.K., Kravchenko, V.F.	Excitation of a conical slot antenna (2001) Radiotekhnika i Elektronika, 46 (8), pp. 954-960.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035774227&partnerID=40&md5=4121023ce35d9f5738dea765e4eb14c0
	Doroshenko, V.A. , Evsyukov, E.K., Kravchenko, V.F.	Excitation of a Conical Slot Antenna (2001) Journal of Communications Technology and Electronics, 46 (8), pp. 879-885.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042233661&partnerID=40&md5=b3635748bccc491bf7448ef7d13d61
	Doroshenko, V.A. , Kravchenko, V.F.	Unsteady diffraction by a nonclosed cone (2001) Doklady Physics, 46 (5), pp. 331-335.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035533398&doi=10.1134%2F1.1378097&partnerID=40&md5=232cea6d3de407add3441ec48e4f9f09
	Doroshenko, V.A. , Kravchenko, V.F.	The Scattering of Plane Electromagnetic Waves from a Cone with Longitudinal Slots (2001) Journal of Communications Technology and Electronics, 46 (3), pp. 271-278.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042188433&partnerID=40&md5=6bb05ba46642b508c36cc14cba9ec862
	Doroshenko, V.A. , Kravchenko, V.F.	Scattering of the field of an electric dipole by a conic structure with longitudinal slots (2000) Radiotekhnika i Elektronika, 45 (7), pp. 792-798.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042290707&partnerID=40&md5=29d6e14a4971511437d76781e19217a0
	Doroshenko, V.A. , Kravchenko, V.F.	Scattering of electromagnetic waves by an unclosed circular cone (2000) Doklady Physics, 45 (12), pp. 659-662.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034336731&partnerID=40&md5=7f2c5eaffcbac01d580ebf3dfdc99d
	Doroshenko, V.A. , Kravchenko, V.F.	Scattering of the Field of an Electric Dipole by a Conic Structure with Longitudinal Slots (2000) Journal of Communications Technology and Electronics, 45 (7), pp. 714-720.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042139648&partnerID=40&md5=734559169649a761b4be4e4af151b89
	Doroshenko, V.A. , Yevsukova, E.K.	Transient excitation of special slotted bicone (2000) ISAPE 2000 - 2000 5th International Symposium on Antennas, Propagation and EM Theory, Proceedings, art. no. 894801, pp. 370-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954566522&doi=10.1109%2FISAPE.2000.894801&partnerID=40&md5=05c057625f7a1ebc0549ef50036b3f7d
	Doroshenko, Vladimir A.	Nonstationary excitation problem solution for a biconical structure consisting of an unclosed cone and isotropic one (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 754-756.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230705&partnerID=40&md5=b9d5e926d76cb177c5daf7319139862c
	Doroshenko, V.	On the diffraction of electromagnetic waves by biconical structure with longitudinal slots (1996) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 298-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030409078&partnerID=40&md5=084bb293b9334a0ea542206069ce670c
	Doroshenko, V.A. , Sologub, V.G.	Excitation of an open conical surface by an electric radial dipole (1991) Soviet journal of communications technology & electronics, 36 (5), pp. 113-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025725937&partnerID=40&md5=effe5d005d19a36bd0c86112d5af455c
	Doroshenko, V.A. , Sologub, V.G.	ON THE STRUCTURE OF THE FIELD OF A RADIAL MAGNETIC DIPOLE, SCATTERED BY A SLOTTED CONICAL SURFACE. (1987) Soviet journal of communications technology & electronics, 32 (7), pp. 161-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023379458&partnerID=40&md5=13fe959f8d041b212b3a78f18f93ab4d
45	Gurin, O.V. , Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A., Ryabikh, V.N., Senyuta, V.S., Topkov, A.N.	Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851440, pp. 235-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015289407&doi=10.1109%2FCAOL.2016.7851440&partnerID=40&md5=eb7cdae7aea357e237f446b801faef7
	Levchenko, A.N., Ovsyannikova, T.N., Zabelina, I.A., Kovalenko, A.A., Gurin, O.V. , Gladkih, A.I.	Effect of low intensity laser radiation of different wavelength on erythrocytes at experimental type 2 diabetes mellitus (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851407, pp. 146-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015268157&doi=10.1109%2FCAOL.2016.7851407&partnerID=40&md5=e515299669cf3159b34467cb1af56e9d
	Gurin, O.V. , Degtiariov, A.V., Maslov, V.A., Ryabikh, V.N., Topkov, A.V.	Terahertz laser waveguide resonators with internal spherical mirrors (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 75 (18), pp. 1665-1677.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014323031&doi=10.1615%2FTelecomRadEng.v75.i18.60&partnerID=40&md5=54f3371339258c32edf10e581f0ba9e8
	Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Propagation and focusing of modes of dielectric resonators of terahertz range lasers (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 74 (7), pp. 629-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941648042&doi=10.1615%2FTelecomRadEng.v74.i7.60&partnerID=40&md5=b08b1848801e9065b971d1007b9f670c
	Gurin, O.V. , Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 73 (20), pp. 1819-1830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918513385&partnerID=40&md5=8ff88ed988da0d233782eaf4b3c1896
	Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N., Khardikov, V.V.	The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 73 (14), pp. 1229-1239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906053308&doi=10.1615%2FTelecomRadEng.v73.i14.20&partnerID=40&md5=e433302827c07e9fd542759dfb4cbe7a
	Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Propagation and focusing of modes of the dielectric resonator of terahertz laser (2014) Proceedings - 2014 International Conference Laser Optics, LO 2014, art. no. 6886325, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906979449&doi=10.1109%2FLO.2014.6886325&partnerID=40&md5=bcfa38b0ae764cd373d284e183c57b9d
	Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622183, pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888606474&doi=10.1109%2FMSMW.2013.6622183&partnerID=40&md5=a81c8b055b670395d157b87a3966847
	Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N., Ruban, T.F.	Formation of a quasi-uniform output beam in the waveguide CO ₂ laser (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 6657564, pp. 160-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893764949&doi=10.1109%2FCAOL.2013.6657564&partnerID=40&md5=c394a230c4c9ebc91a55f36a1140009
	Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Radiation characteristics of the metal waveguide resonator with a inclined mirror (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 72 (14), pp. 1349-1359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883219791&doi=10.1615%2FTelecomRadEng.v72.i14.70&partnerID=40&md5=86be38997b390d770ce5a8de7bf3ea1e
	Vlasenko, S.A., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide CO ₂ laser with a quasi-homogeneous distribution of the output radiation intensity (2013) Quantum Electronics, 43 (5), pp. 472-476.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878878800&doi=10.1070%2FQE2013.043n05ABEH014988&partnerID=40&md5=f4280bbaae8a5ce5e3f793cae9867e683
	Gurin, O.V. , Degtyarev, A.V., Khardikov, V.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331253, pp. 312-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870788318&doi=10.1109%2FMMET.2012.6331253&partnerID=40&md5=ec788de10ed4a829ba9d72e722ba0dce
	Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Metallic waveguide cavity with a spherical mirror (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, art. no. 6145046, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857508373&doi=10.1109%2FLFN.2011.6145046&partnerID=40&md5=54930f9f55d40d3dd5f2c864828ba00
	Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Transmission characteristics of metal circular waveguides in terahertz range (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069179, pp. 850-851.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142317&partnerID=40&md5=249e6d9205d770ffc064f08d32472722
	Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Transmission characteristics of circular metallic waveguides for terahertz radiation (2011) Quantum Electronics, 41 (9), pp. 853-857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054700792&doi=10.1070%2FQE2011.041n09ABEH014634&partnerID=40&md5=8dc7d0b73223485d24aa3f479b0c596d

Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Calculation of transmitted characteristics for metal waveguides in terahertz range (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546044, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957347755&doi=10.1109%2fMSMW.2010.5546044&partnerID=40&md5=964cca2f1d2d47d5d86617b3fe9aaf8
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Selection of the higher transverse modes of a submillimeter quasi-optical resonator (2010) Quantum Electronics, 40 (1), pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950360990&doi=10.1070%2fQE2010v040n01ABEH014142&partnerID=40&md5=fbd5fc0b6b02ce392b9887acb52784b3
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N., Ruban, T.P.	Metal waveguide resonator with a tilted mirror (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, art. no. 5634222, pp. 169-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650335164&doi=10.1109%2fCAOL.2010.5634222&partnerID=40&md5=ebc15f5fc99b4d6e383a70dbd242443
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of quasi-homogeneous output oscillation in the waveguide metal rectangular resonator with a heterogeneous mirror (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (14), pp. 1285-1292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915733389&partnerID=40&md5=cc04d5a1e46cb5896b81b415140c71e3
Vorobyev, A.Y., Topkov, A.N., Gurin, O.V. , Svich, V.A., Guo, C.	Enhanced absorption of metals over ultrabroad electromagnetic spectrum (2009) Applied Physics Letters, 95 (12), art. no. 121106, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349690184&doi=10.1063%2f1.3227668&partnerID=40&md5=325515dc039ac888041af7e02bc6519
Vorobyev, A.Y., Topkov, A.N., Gurin, O.V. , Svich, V.A., Guo, C.	Enhanced THz absorptance of metal surfaces structured with femtosecond laser (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671991, pp. 416-418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849113333&doi=10.1109%2fCAOL.2008.4671991&partnerID=40&md5=1bef12188f176b27f785bba6667c64dc
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Selection of the high-order modes in the waveguide resonator by means a phase-shifting mirror (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671990, pp. 297-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849091387&doi=10.1109%2fCAOL.2008.4671990&partnerID=40&md5=30c02ef78c75a238ae1b25592eb97a1e
Svich, V.A., Topkov, A.N., Maslov, V.A., Gurin, O.V.	Forming of a beam with a uniform intensity distribution in the active resonator of waveguide CO ₂ -laser (2008) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 67 (4), pp. 343-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43449140027&doi=10.1615%2fTelecomRadEng.v67.i4.70&partnerID=40&md5=c0333b6975155505840cee282986f2c
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of uniform field distributions in a quasi-optical waveguide resonator containing a spherical convex reflector (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (11), pp. 1013-1021.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149037026&doi=10.1615%2fTelecomRadEng.v66.i11.60&partnerID=40&md5=bb969bcd9614834101bd63b99749431a
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide quasi-optical resonator with the spherical convex reflector for formation of the uniform output beam (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294612, pp. 213-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249100310&doi=10.1109%2fMSMW.2007.4294612&partnerID=40&md5=7dd821cadcad0a6154f764adfb6754
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Selective excitation of the high-order modes in the waveguide quasioptical resonator (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294613, pp. 216-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249084778&doi=10.1109%2fMSMW.2007.4294613&partnerID=40&md5=7ec26a6f03a0c6684dc3f7e4ff484b06
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of a non-Gaussian intensity profile in a waveguide quasi-optical resonator with an aspherical reflector (2007) Quantum Electronics, 37 (11), pp. 1065-1070.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39749108846&doi=10.1070%2fQE2007v037n11ABEH013595&partnerID=40&md5=682273d4313e2452df7dbda6b93ee744
Volodenko, A.V., Gurin, O.V. , Dyagterev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide submillimeter laser with a uniform output beam (2007) Quantum Electronics, 37 (1), pp. 63-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147204381&doi=10.1070%2fQE2007v037n01ABEH013295&partnerID=40&md5=811549f7b7f5f6faed478d66f20cfbec
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of the uniform field in the waveguide quasi-optical resonator with the spherical convex reflector (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018242, pp. 206-211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250831088&doi=10.1109%2fLFNM.2006.252023&partnerID=40&md5=f4367576f5a44505ae92b6da5b43422
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Transmission and self-imaging of submillimeter laser beams in rectangular metal waveguides (2006) Quantum Electronics, 36 (2), pp. 149-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646416523&doi=10.1070%2fQE2006v036n02ABEH013116&partnerID=40&md5=d22efc8d5f71811522ba7e72595cc0e3
Volodenko, A.V., Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N., Ruban, T.F.	Propagation of submillimeter laser beams along hollow oversized waveguides (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, art. no. 1553864, pp. 210-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483118&doi=10.1109%2fCAOL.2005.1553864&partnerID=40&md5=a2fac94f4787150ce4a1c0a8d12855cb
Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Kvantovaya Elektronika, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24044505319&partnerID=40&md5=04259715c89d3b678e20de4a1eda3d08
Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Quantum Electronics, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18944381444&doi=10.1070%2fQE2005v035n02ABEH002639&partnerID=40&md5=0e388e768390f589ba31782ca05ab50
Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Transmission of submillimeter laser beams through metal rectangular waveguides (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244467923&partnerID=40&md5=2e457ef3cd05779b0170ed11f097ca0
Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Transmission of submillimeter beams through oversized hollow waveguides (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CrMiCo'04, pp. 420-421.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644362315&partnerID=40&md5=3d9a801400fb59caf50484c36b473252
Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Transmission of laser beams through hollow metal waveguides (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 692-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544295377&partnerID=40&md5=4859cf7343f23c509abb206bfc36d198
Gurin, O.V. , Maslov, V.A., Svich, V.A., Topkov, A.N., Fursova, Y.V.	Formation of a beam with a uniform intensity distribution of radiation in a waveguide quasi-optical resonator with an amplitude-stepped mirror (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 59 (7-9), pp. 159-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949929193&partnerID=40&md5=e6b37ca1add1d1e7526eb8d841b3a3f3
Gurin, O.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide CW CO ₂ -laser with a uniform output beam (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, art. no. 1250534, pp. 140-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147202519&doi=10.1109%2fCAOL.2003.1250534&partnerID=40&md5=af98bce826a9967ff4fc59d32fd17143
Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Waveguide submillimeter laser with mode selector (2003) Proceedings of LFNM 2003 - 5th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1246075, pp. 65-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946151937&doi=10.1109%2fLFNM.2003.1246075&partnerID=40&md5=31a5579461a5dfbf31e1d9f18895c205
Gurin, O.V. , Maslov, V.A., Svich, V.A., Topkov, A.N., Fursova, Y.V.	A resonator for selection and shaping of the fourier mode with a uniform field amplitude profile (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (10-11), pp. 141-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751186902&partnerID=40&md5=952241fb37bc5406b7e879d30db8949
Gurin, O.V. , Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	A waveguide submillimeter laser with mode selector (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (11-12), pp. 108-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751169148&partnerID=40&md5=7c80eb90eeaa04d3b84fe06791ea497c
Gurin, O.V. , Fursova, E.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide quasi-optical resonator for shaping uniform field (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014098, pp. 34-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945128701&doi=10.1109%2fLFNM.2002.1014098&partnerID=40&md5=1ea0a19de41c20165adca94b62dcb714

	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Quasioptical laser resonator on the basis of a metal waveguide with coupling holes in mirrors (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014112, pp. 72-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961877298&doi=10.1109%2Flnfm.2002.1014112&partnerID=40&md5=a0555c6940389cb2dfe79bcb9a700219
	Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of uniform intensity distribution in a cw CO2 laser with a phase-stepped mirror (2001) Kvantovaya Elektronika, 31 (6), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035770144&partnerID=40&md5=3d13805d645378e730d52fd7a3c751c8
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Savich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser resonators containing wave-guide and open sections (2001) Kvantovaya Elektronika, 31 (4), pp. 346-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035766743&partnerID=40&md5=e395309a999fbc2f8c0e360ad320f4
	Gurin, O.V., Yepishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a uniform intensity distribution in a cw CO2 laser with a phase-stepped mirror (2001) Quantum Electronics, 31 (6), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035373909&doi=10.1070%2FQE2001v031n06ABEH001998&partnerID=40&md5=569ba10d525dc7c049fe0e7440ee613e
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser cavities containing waveguides and open parts (2001) Quantum Electronics, 31 (4), pp. 346-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035315736&doi=10.1070%2FQE2001v031n04ABEH001949&partnerID=40&md5=e6bcd6e1ade91f8c59356dc1c9443663
	Gurin, O.V., Fursova, E.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Undistorted transmission of radiation beams in form of sombrero and super-gaussian functions along hollow-core dielectric waveguides (2001) Proceedings of LFNM 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 930215, pp. 93-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963831356&doi=10.1109%2Flnfm.2001.930215&partnerID=40&md5=080380f70570a51b05dc50d40e6e528a
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Heterodyne interferometer on the basis of the ring submillimeter laser with bidirectional optical pumping (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947342, pp. 876-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966534395&doi=10.1109%2FMSMW.2001.947342&partnerID=40&md5=269825e68d6f8ea5b31b97728bcbfcb4
	Tkachenko, V.M., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Topkov, A.N.	Mode selection in laser resonators containing waveguide and open sections (2000) Proceedings of LFNM 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 854032, pp. 26-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960341439&doi=10.1109%2Flnfm.2000.854032&partnerID=40&md5=1d213acfa86c71317cac2f6b3d8fca7
	Gurin, O.V., Maslov, V.A., Militinsky, I.M., Svich, V.A., Topkov, A.N.	Formation of beams with uniform field distribution in a generalized confocal open resonator with a graded-phase mirror (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (6), pp. 65-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844526386&partnerID=40&md5=7eb844b57ba8cf61917d87475d62687b
	Gurin, O.V., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of beams with uniform intensity profile in laser cavities (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (11), pp. 77-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144462667&partnerID=40&md5=2a910b2c6b7981512a9720a305229e80
	Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution in a CO2 laser with a composite cavity (1998) Kvantovaya Elektronika, 25 (5), p. 428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747261536&partnerID=40&md5=eaef152b1917715f764df646c575f
	Gurin, O.V., Epishin, V.A., Maslov, V.A., Militinskii, I.M., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution in a CO2 laser with a generalised confocal cavity (1998) Quantum Electronics, 28 (5), pp. 411-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040579394&doi=10.1070%2FQE1998v028n05ABEH001238&partnerID=40&md5=e6752a8c0274257938549468e153f89f
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Optimisation of a metal waveguide cavity for a submillimetre laser (1997) Kvantovaya Elektronika, 24 (1), p. 36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747585841&partnerID=40&md5=b7a493e91e741dab1d1364802f7ad033
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Optimisation of a metal waveguide cavity for a submillimetre laser (1997) Quantum Electronics, 27 (1), pp. 31-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031501694&doi=10.1070%2FQE1997v027n01ABEH000800&partnerID=40&md5=ca35df8a4c87f888760fd2cdd28fb053
	Gurin, O.V., Degtyarev, A.V., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Output coupling hole optimization of the waveguide submillimeter laser (1996) Conference on Lasers and Electro-Optics Europe - Technical Digest, p. 269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029765227&partnerID=40&md5=9be254027c4564eda7b599d0d8384177
46	Volkova, O., Ryabokon, E., Magda, I., Shkhorbatov, Y.	IMPACT OF SMOKING HABITS ON THE STATE OF CHROMATIN AND MORPHOLOGY OF BUCCAL EPITHELIAL CELLS AMONG MEDICAL STUDENTS (2017) Georgian medical news, (262), pp. 111-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017486650&partnerID=40&md5=b42e40d3b75141418d5e5624d995f33
	Shkhorbatov, Y.G.	Impact of electromagnetic radiation on human and animal cells: Approaches, results, perspectives (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724149, pp. 54-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000770443&doi=10.1109%2Fuwbusis.2016.7724149&partnerID=40&md5=3edce0f1b6000ea215a70f1e6f39e53
	Kuznetsov, K.A., Shkhorbatov, Y.G., Kolchigin, N.N., Nikolov, O.T.	Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724179, pp. 167-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000538758&doi=10.1109%2Fuwbusis.2016.7724179&partnerID=40&md5=28d62456163147f48e66f4667512c200
	Kuznetsov, K.A., Miroshnik, D.B., Shkhorbatov, Y.G., Nikolov, O.T., Kolchigin, N.N.	Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538012, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984634&doi=10.1109%2FMSMW.2016.7538012&partnerID=40&md5=511f763b132dfbe29acc1ef28a930e20
	Dyka, L.D., Shakina, L.A., Strashnyuk, V.Y., Shkhorbatov, Y.G.	Effects of 36.6 GHz and static magnetic field on degree of endoreduplication in Drosophila melanogaster polytene chromosomes (2016) International Journal of Radiation Biology, 92 (4), pp. 222-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961120408&doi=10.3109%2F0953002.2016.1137105&partnerID=40&md5=aad0227d612cf01416c55b7a6b1023c1
	Chernov, A.I., Dumin, O.M., Miroshnik, D.B., Shkhorbatov, Y.G., Katrich, V.A., Kolchigin, N.N.	Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324286, pp. 162-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959188598&doi=10.1109%2FdiPED.2015.7324286&partnerID=40&md5=6ddd652b7bc225f2732e859cdc292803
	Dumin, O.M., Shkhorbatov, Y.G., Chernov, A.I., Katrich, V.A.	Calculation of experimental apparatus for biological object irradiation by impulse electromagnetic field (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136890, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939440321&doi=10.1109%2Ficatt.2015.7136890&partnerID=40&md5=0cfe0c97589780d6342c39d32a35dd0d
	Salnitskaya, M.A., Pasiuga, V.N., Magda, I.Y., Yakovishin, L.A., Grishkovets, V.I., Shkhorbatov, Y.G.	Effect of some triterpene glycosides applied in vitro on chromatin state in human cells (2014) Current Bioactive Compounds, 10 (1), pp. 37-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905667758&doi=10.2174%2F157340721001140725000118&partnerID=40&md5=d6a22196d89025b091706d21f28b4d30
	Skamrova, G.B., Laponogov, I., Buchelnikov, A.S., Shkhorbatov, Y.G., Prylutska, S.V., Ritter, U., Prylutsky, Y.I., Evstigneiev, M.P.	Interceptor effect of c60 fullerene on the in vitro action of aromatic drug molecules (2014) European Biophysics Journal, 43 (6-7), pp. 265-276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905736814&doi=10.1007%2Fs00249-014-0960-2&partnerID=40&md5=a3aeade2f1f2c2457cc7e7311eeffc
	Shkhorbatov, Y.G., Pasiuga, O.S., Kovalenko, I.F., Ryabukha, S.S., Kolchigin, N.N.	Effect of microwave irradiation of low intensity and magnetic fields on the Ca2+ contents in pea root cells (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652679, pp. 1101-1102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891097392&partnerID=40&md5=7ce8bab79e4a0e9e6408ce3e465ad16b
	Shkhorbatov, Y.G., Katrich, V.A., Pasiuga, V.A., Rudenko, A.O.	Cell response to electromagnetic field: Nuclear and membrane mechanisms (2013) Cell Response to Electromagnetic Field: Nuclear and Membrane Mechanisms, pp. 1-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892039069&partnerID=40&md5=e6435c8e49740df232f6029f64432aad
	Shkhorbatov, Y.G., Kolchigin, N.N., Kazansky, O.V., Pasiuga, V.N.	Effects of ultra-wideband radiation on viability of human cells (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379758, pp. 137-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872234618&doi=10.1109%2Fuwbusis.2012.6379758&partnerID=40&md5=df49ad98b00c9389e82a21c88dc2d478

	Posokhov, Y.O., Pasiuga, V.N., Shkhorbatov, Y.G.	Method of fluorescent probes to monitor the changes in human erythrocyte membranes under the influence of magnetic or electromagnetic fields (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336264, pp. 956-957.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869769812&partnerID=40&md5=5736c01c25234c620ed97078147b3d1e
	Shkhorbatov, Y.	The state of chromatin as an integrative indicator of cell stress (2012) New Developments in Chromatin Research, pp. 123-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892047510&partnerID=40&md5=ac567094e2b2a2939f7b93c9714c662b
	Dumin, O.M., Dumina, O.O., Kolchigin, N.N., Ivanchenko, D.D., Shkhorbatov, Y.G. , Pasiuga, V.N.	Simulation of microwave exposure of human cells by electromagnetic field of EMF band (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170768, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859949714&doi=10.1109%2FICATT.2011.6170768&partnerID=40&md5=37f4e3ac7e953dc80d5960e3a6430b3f
	Pasyuga, V.N., Mavrodi, S.A., Kuznetsov, K.A., Badian, E.E., Shurinov, R.V., Ivanchenko, D.D., Shkhorbatov, Y.G.	Study of the combined effects of X-rays and low-energy microwave electromagnetic field on the state of chromatin in the nuclei of human buccal epithelium cells (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068808, pp. 1021-1022.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143795&partnerID=40&md5=07c201703539a8ce2b16f2f14a14c635
	Shakina, L.A., Pasiuga, V.N., Dumin, O.M., Shkhorbatov, Y.G.	Effects of microwaves on the puffing pattern of D. melanogaster (2011) Central European Journal of Biology, 6 (4), pp. 524-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956329572&doi=10.2478%2Fs11535-011-0032-x&partnerID=40&md5=ee8f5b829151271dbbc30af00bbbeb4
	Shkhorbatov, Y. , Pasiuga, V., Kolchigin, N., Grabina, V., Ivanchenko, D., Bykov, V., Dumin, O.	Cell nucleus and membrane recovery after exposure to microwaves [Šūnu kodolu un membrānu atjaunošanās pēc apstrādes ar mikroviļņiem] (2011) Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 65 (1-2), pp. 13-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054761374&doi=10.2478%2Fv10046-011-0013-5&partnerID=40&md5=27b8745889f3c98fc32d459e00bec444
	Shkhorbatov, Yu.G. , Pasiuga, V.N., Grabina, V.A., Artemenchuk, O.V., Kolchigin, N.N., Bykov, V.N., Ivanchenko, D.D.	Changes in human cell membrane permeability after irradiation by microwaves with different elliptical polarization (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632943, pp. 1138-1139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650349741&partnerID=40&md5=a03661a26b11a24bf594a4fe2dbf16
	Shkhorbatov, Y.G. , Kolchigin, N.N., Grabina, V.A., Pasiuga, V.N.	Cellular effects of ultrawideband ultrashort pulsed radiation and microwave radiation exposure (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609084, pp. 34-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650077272&doi=10.1109%2FUWBUSIS.2010.5609084&partnerID=40&md5=b8eb9c9a09f927dd7c1534518b00a6
	Shkhorbatov, Y.G. , Kolchigin, N.N., Pasiuga, V.N., Kazansky, O.V.	Biological effects of ultrawideband radiation (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609143, pp. 192-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650097772&doi=10.1109%2FUWBUSIS.2010.5609143&partnerID=40&md5=995c4480034814173cbe302e842352c2
	Shkhorbatov, Y.G. , Pasiuga, V.N., Goncharuk, E.I., Petrenko, T.P., Grabina, V.A., Kolchigin, N.N., Ivanchenko, D.D., Bykov, V.N., Dumin, O.M.	Effects of differently polarized microwave radiation on the microscopic structure of the nuclei in human fibroblasts (2010) Journal of Zhejiang University: Science B, 11 (10), pp. 801-805.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958018022&doi=10.1631%2Fzjzus.B1000051&partnerID=40&md5=9c57142406aa14613067851dc3ebf0ef
	Shkhorbatov, Y. , Rudneva, I., Pasiuga, V., Grabina, V., Kolchigin, N., Ivanchenko, D., Kazanskiy, O., Shayda, V., Dumin, O.	Electromagnetic field effects on Artemia hatching and chromatin state (2010) Central European Journal of Biology, 5 (6), pp. 785-790.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957220065&doi=10.2478%2Fs11535-010-0063-8&partnerID=40&md5=5845d886db9c10402a9bf882e9c7da2a
	Shkhorbatov, Y.G. , Rudneva, I.I., Pasiuga, V.N., Kolchigin, N.N., Grabina, V.A., Ivanchenko, D.D., Kazanskiy, O.V., Shaida, V.G.	Hatching of eggs of artemia and change of chromatin state under the influence of electromagnetic fields (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5292860, pp. 871-872.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949158709&partnerID=40&md5=e604f8b069f2201a7317c1f660ddcc04
	Shkhorbatov, Y.G. , Pasiuga, V.N., Kolchigin, N.N., Grabina, V.A., Batrakov, D.O., Kalashnikov, V.V., Ivanchenko, D.D., Bykov, V.N.	The influence of differently polarised microwave radiation on chromatin in human cells (2009) International Journal of Radiation Biology, 85 (4), pp. 322-329.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649206096&doi=10.1080%2F09553000902781113&partnerID=40&md5=50dd8a7a91141e92e69a75abe044c441
	Shkhorbatov, Y. , Pasiuga, V., Kolchigin, N., Batrakov, D., Kazansky, O., Kalashnikov, V.	Changes in the human nuclear chromatin induced by ultra wideband pulse irradiation (2009) Central European Journal of Biology, 4 (1), pp. 97-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59349089690&doi=10.2478%2Fs11535-008-0051-4&partnerID=40&md5=55437742d219c144e1d40c63164597a4
	Shkhorbatov, Y.G. , Kolchigin, N.N., Pasiuga, V.N., Kazansky, O.V.	Cell recovery from ultrawideband pulse irradiation (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669373, pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649221590&doi=10.1109%2FUWBUS.2008.4669373&partnerID=40&md5=41d5ff31830672f0b1461a7e410217
	Shkhorbatov, Y.G. , Pasiuga, V.N., Grabina, V.A., Bykov, V.N., Ivanchenko, D.D.	The influence of circularly polarized microwave irradiation on properties of plasma membrane of human cells (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676619, pp. 829-830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049159211&doi=10.1109%2FCRMICO.2008.4676619&partnerID=40&md5=13b0b4aa264d5b7a2f8bed37cec76b
	Shkhorbatov, Y. , Berezhnuy, A.	Similarities in protein amino acid composition in connection with principles of protein evolution (2008) Central European Journal of Biology, 3 (2), pp. 205-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43349088828&doi=10.2478%2Fs11535-008-0015-8&partnerID=40&md5=f0d9a4ab7e74da2c1acff82e3d62e5c
	Pasiuga, V.N., Grabina, V.A., Bykov, V.N., Shkhorbatov, Y.G.	Long-term effects of low-level microwave radiation on mutation frequency in Drosophila (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368942, pp. 783-784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149093057&doi=10.1109%2FCRMICO.2007.4368942&partnerID=40&md5=19ef683ec949e5be9194ec339c10ce
	Shkhorbatov, Y. , Pasiuga, V., Shakina, L., Grabina, V., Kolchigin, N., Ivanchenko, D., Kazansky, O., Bykov, V.	Drosophila melanogaster viability and mutability under the influence of low energy microwave monochromatic and ultra wideband impulse field (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425188, pp. 289-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849127731&doi=10.1109%2FICATT.2007.4425188&partnerID=40&md5=26cd8d67ed48fe2f9a61e6db519aac5f
	Batrakov, D., Shkhorbatov, Y.	A comparative study of the different ways of cells illumination and computer processing of the obtained information (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018306, pp. 459-462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250896320&doi=10.1109%2FLFNFM.2006.252087&partnerID=40&md5=360743dbe4994190c38c3714de9acaf0
	Berezhnuy, A.Y., Shkhorbatov, Y.G. , Hisanori, K.	Regularities in the E. coli promoters composition in connection with the DNA strands interaction and promoter activity. (2006) Journal of Zhejiang University. Science. B., 7 (12), pp. 969-973.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39049187559&doi=10.1631%2Fzjzus.2006.B0969&partnerID=40&md5=1b7af4b915a1e19850402941ead210bd
	Pasyuga, V.N., Grabina, V.A., Shkhorbatov, Y.G.	Influence of constant and revolving magnetic field on viability of drosophila at embryonic stage and on chromatin state in human cells (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023543, pp. 925-926.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249103309&doi=10.1109%2FCRMICO.2006.256261&partnerID=40&md5=82dcf8c8ff25b1dc110885633c0f1bd2
	Shkhorbatov, Y.G. , Kolchigin, N.N., Grabina, V.A., Pasiuga, V.N., Kazansky, O.V.	Cell effects of electromagnetic radiation (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099227, pp. 103-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249116915&doi=10.1109%2FUWBUS.2006.307169&partnerID=40&md5=9ce248cf4b1ceb59336f5d4346bf4fc5
	Batrakov, D.O., Shkhorbatov, Y.G. , Pasiuga, V.N., Kazansky, O.V., Kolchigin, N.N.	The effects of short exposition to low-energy impulse irradiation on human cells (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099243, pp. 151-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249093583&doi=10.1109%2FUWBUS.2006.307185&partnerID=40&md5=569856e9c0739ed604854333659dae48
	Shkhorbatov, Y.G. , Grabina, V.A., Pasyuga, V.N.	Influence of constant and revolving magnetic field on drosophila melanogaster viability (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 2, art. no. 1565190, pp. 896-897.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846328759&doi=10.1109%2FCRMICO.2005.1565190&partnerID=40&md5=e72c5127f124cc1a7dbdbaf73c09d822
	Berezhnuy, A.Y., Shkhorbatov, Y.G.	Dependence of the E. coli promoter strength and physical parameters upon the nucleotide sequence (2005) Journal of Zhejiang University: Science, 6 B (11), pp. 1063-1068.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30544442885&doi=10.1631%2Fzjzus.2005.B1063&partnerID=40&md5=095b452aa1e730acafcf5ee87d2b128b

	Shckorbatov, Y.G. , Zhuravlyova, L.A., Navrotskaya, V.V., Miroshnichenko, E.V., Montvid, P.Y., Shakhbazov, V.G., Sutushhev, T.A.	Chromatin structure and the state of human organism (2005) Cell Biology International, 29 (1), pp. 77-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14844347573&doi=10.1016%2fj.cellbi.2004.11.015&partnerID=40&md5=c50179409330bd19202e4c793ad5082
	Shckorbatov, Y.G. , Trofimov, S.V., Shakhbazov, V.G., Grabina, V.A., Gorobets, N.N.	The influence of microwaves with different state of polarization on the state of chromatin and viability of drosophila (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 246-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644389345&partnerID=40&md5=9acf06d9021039a47e2f9c6fe5339803
	Shckorbatov, Y.G. , Evseeva, M.V., Shakhbazov, V.G., Popov, A.I., Cheshko, T.M., Grabina, V.A., Belous, O.I.	Transfection effect and viability of drosophila under the influence of the microwave radiation (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 879-880.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544284080&partnerID=40&md5=2dd971ca1d77fc445efddb5cc4295956
	Shckorbatov, Y.G. , Evseeva, M.V., Shakhbazov, V.G., Popov, A.I., Cheshko, T.M., Grabina, V.A., Fisun, A.I., Belous, O.I.	Influence of the microwave radiation of different polarization state on transinactivation effect and viability of Drosophila (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238879, pp. 823-824.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644385346&doi=10.1109%2fICATT.2003.1238879&partnerID=40&md5=8f0bf55f123f3bf1d2cf9435638cd4
	Shkorbatov, Yu.G. , Shakhbazov, V.G.	Effect of microwave irradiation on biological objects (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 57 (2-3), pp. 151-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751290523&partnerID=40&md5=47b17e663b8cafe93be4208fb018bb2
	Shckorbatov, Y.G. , Shakhbazov, V.G., Navrotskaya, V.V., Grabina, V.A., Sirenko, S.P., Fisun, A.I., Gorobets, N.N., Kiyko, V.I.	Application of intracellular microelectrophoresis to analysis of the influence of the low-level microwave radiation on electrokinetic properties of nuclei in human epithelial cells (2002) Electrophoresis, 23 (13), pp. 2074-2079.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036023091&doi=10.1002%2f1522-2683%28200207%2923%3a13%3c2074%3a%3aAID-ELPS2074%3e3.0.CO%3b2-A&partnerID=40&md5=21f093270cc8574657a3d981f93c355
	Shckorbatov, Y.G. , Shakhbazov, V.G., Rudenko, A.O.	Modification of electrokinetic properties of nuclei in human buccal epithelial cells by electric fields (2001) Bioelectromagnetics, 22 (2), pp. 106-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035258507&doi=10.1002%2f1521-186X%28200102%2922%3a2%3c106%3a%3aAID-BEM1013%3e3.0.CO%3b2-2&partnerID=40&md5=f4d0b90a825f6fc7da6e1492f0690439
	Shckorbatov, Y.G. , Shakhbazov, V.G., Navrotskaya, V.G., Zhuraveleva, L.A., Gorobets, N.N., Kiyko, V.I., Sirenko, S.P.	The influence of microwave irradiation on human epithelial cells (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947364, pp. 937-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966659620&doi=10.1109%2fMSMW.2001.947364&partnerID=40&md5=8cb8fd0d2968a2fffd573f67ac2c7c5
	Shckorbatov, Y.G. , Shakhbazov, V.G., Navrotskaya, N.N., Zhuravleva, L.A., Gorobets, N.N., Kiyko, V.I., Sirenko, S.P.	Changes in cell membrane properties, chromatin state, and electrokinetic properties of human cell nuclei under the influence of low level microwave irradiation (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173714, pp. 92-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956633671&partnerID=40&md5=97e60630c647cbt6ed77add608072740
	Shckorbatov, Y.G.	Reply: some considerations about the method of intracellular microelectrophoresis. (2000) Bioelectromagnetics, 21 (4), pp. 326-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034183305&partnerID=40&md5=3a99bde265b4be8ed45e4f9191fafd9d
	Shckorbatov, Y.G. , Shakhbazov, V.G., Gorobets, N.N., Kiyko, V.I., Zhuravleva, L.A., Navrotskaya, V.V.	The influence of electromagnetic radiation of millimeter and centimeter range on human epithelial cells (2000) 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256225, pp. 557-558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892020365&doi=10.1109%2fCRMICO.2000.1256225&partnerID=40&md5=9733c43282f80dec886a4e4b54021b
	Shckorbatov, Y.G.	Changes in cell nucleus and chromatin state in human cells induced by hormonal factors in vitro (1999) Tsitologiya i Genetika, 33 (5), pp. 64-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033182441&partnerID=40&md5=1e0a3ef7cad3b45d8ea0eff27595038
	Shckorbatov, Y.G.	He-Ne laser light induced changes in the state of chromatin in human cells (1999) Naturwissenschaften, 86 (9), pp. 452-453.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032830552&doi=10.1007%2fs001140050653&partnerID=40&md5=23082699bfdd21357e76fd90b6c2e2e
	Shckorbatov, Y.G. , Grigoryeva, N.N., Shakhbazov, V.G., Grabina, V.A., Bogoslavsky, A.M.	Microwave Irradiation Influences on the State of Human Cell Nuclei (1998) Bioelectromagnetics, 19 (7), pp. 414-419.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031613049&partnerID=40&md5=a2e5102813769a94ab59a0a7a6c87d2
	Shakhbazov, V.G., Shckorbatov, Y.G. , Colupaeva, T.V.	Erratum: On connection between the electrokinetic properties of cell nuclei and human biological age (Mechanisms of Ageing and Development (1997) 99 (193-197) PII: S0047637497001036) (1998) Mechanisms of Ageing and Development, 104 (3), p. 293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032168962&doi=10.1016%2fS0047-6374%2898%2900074-8&partnerID=40&md5=000d56d5361762bca416d313ccc7d9397
	Shckorbatov, Y.G. , Shakhbazov, V.G., Bogoslavsky, A.M., Rudenko, A.O.	On age-related changes of cell membrane permeability in human buccal epithelium cells (1995) Mechanisms of Ageing and Development, 83 (2), pp. 87-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029131224&doi=10.1016%2f0047-6374%2895%2993574-M&partnerID=40&md5=4c76154b984e469f5a515d0b2d2d4f10
	Shkorbatov, I.G. , Kolupaeva, T.V., Shakhbazov, V.G., Pustovolt	Relationship between electrokinetic properties of cell nuclei in people with various physiologic parameters [O svyazi elektrokineticheskikh svoistv iader kletok cheloveka s nekotoryimi fiziologicheskimi parametrami.] (1995) Fiziologiya cheloveka, 21 (2), pp. 93-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029268887&partnerID=40&md5=1c3e3e8db3c8bb954d531c4e21132ca
	Shakhbazov, V.G., Shkorbatov, Y.G. , Strashnyuk, V.Y.	Regulation of the activity of the nuclear genome and the bioelectric properties of chromatin and the cell nucleus (1986) Doklady Biological Sciences, 290 (1-6), pp. 562-565.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022977262&partnerID=40&md5=83d00e04832dce45deb4ba91bb221ce
	Shakhbazov, V.G., Shkorbatov, Y.G. , Strashniuk, V.I.	Regulation of nuclear genome activity and bioelectric properties of chromatin and the cell nucleus [Regulatsiia aktivnosti iadernogo genoma i bioelektricheskie svoystva khromatina i kletochnogo iadra.] (1986) Doklady Akademii nauk SSSR, 290 (5), pp. 1255-1258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022987116&partnerID=40&md5=9600d0c4514682c9ff84e52953930414
47	Pavlenko, I.V. , Melnyk, D.A., Nakonechnyi, M.A., Girk, I.A.	Buildup of plasma oscillations during modeling the electromagnetic wave propagation (2016) Problems of Atomic Science and Technology, 106 (6), pp. 40-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007566317&partnerID=40&md5=0b90ab613ef99297d71de07e5bfc916
	Sirota, V., Selemenev, V., Kovaleva, M., Pavlenko, I. , Mamunin, K., Dokalov, V., Prozorova, M.	Synthesis of Magnesium Oxide Nanopowder by Thermal Plasma Using Magnesium Nitrate Hexahydrate (2016) Physics Research International, 2016, art. no. 6853405, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959525634&doi=10.1155%2f2015%2f6853405&partnerID=40&md5=1a121c0ed72e2a90e708b4b38f3cbac
	Antufeyev, O., Pavlenko, I. , Girk, I.	Drift resonance and particle removal from helical plasma (2015) Problems of Atomic Science and Technology, 95 (1), pp. 12-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923165882&partnerID=40&md5=0eeef758d87064381e9838f50d53cb1
	Kovaleva, M., Tyurin, Y., Vasilik, N., Kolisnichenko, O., Prozorova, M., Arseenko, M., Sirota, V., Pavlenko, I.	Structure and microhardness of titanium-based coatings formed by multichamber detonation sprayer (2015) Physics Research International, 2015, art. no. 532825, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927126853&doi=10.1155%2f2015%2f532825&partnerID=40&md5=5c8361380f6b6d9597229ac14096316c
	Blednov, O., Girk, I., Girk, V., Pavlenko, I. , Sydora, R.	Excitation of the surface flute waves in electron cyclotron frequency range by internal rotating electron beam in a coaxial waveguide (2014) Physica Scripta, 89 (12), art. no. 125605, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920830278&doi=10.1088%2f0031-8949%2f89%2f12%2f125605&partnerID=40&md5=82b7ddedf278c21a0eb49615b27ba826
	Surkova, M., Tierens, W., Pavlenko, I. , Van Eester, D., Van Oost, G., De Zutter, D.	3-D discrete dispersion relation, numerical stability, and accuracy of the hybrid FDTD model for cold magnetized toroidal plasma (2014) IEEE Transactions on Antennas and Propagation, 62 (12), art. no. 6918408, pp. 6307-6316.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914680283&doi=10.1109%2fTAP.2014.2361902&partnerID=40&md5=08c8da001e71fe92a002d98bfc99dbf4
	Girk, V.O., Girk, I.O., Kostenko, A.V., Pavlenko, I.V.	Excitation of azimuthal surface waves in toroidal waveguide by rotating electron beam at the range of electron cyclotron resonance (2014) Progress In Electromagnetics Research B, (57), pp. 267-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891804263&partnerID=40&md5=005fc09fa079a6ee4f847832d053ab63

	Pavlenko, I.V. , Melnyk, D.A., Prokaieva, A.O., Girk, I.O.	Precision of a fdrd method to simulate cold magnetized plasmas (2014) Problems of Atomic Science and Technology, 94 (6), pp. 37-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918533378&partnerID=40&md5=af55b8d8d4814ee75ed6b3efc8be79
	Blednov, O.S., Girk, I.O., Girk, V.O., Pavlenko, I.V.	Excitation of the azimuthal surface waves in electron cyclotron frequency range by rotating electron beam in a coaxial waveguide (2014) IEEE Transactions on Plasma Science, 42 (3), art. no. 6727518, pp. 735-741.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896459291&doi=10.1109%2Ftp.2014.2300097&partnerID=40&md5=7c2b2553e0d7bbb4bc2d2a51a86751
	Girk, V.O., Girk, I.O., Pavlenko, I.V.	Excitation of high-frequency azimuthal surface waves by an annular electron beam in a waveguide with a noncircular interface of the plasma column (2013) Plasma Physics Reports, 39 (5), pp. 399-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878755861&doi=10.1134%2Fsp1063780X13050048&partnerID=40&md5=2e7754ef757eeca1cb769b1dd87de7d
	Pavlenko, I.V. , Girk, I.O., Leviga, B.I.	Effect of the minority ions on the icrf heating of fusion plasmas (2012) Problems of Atomic Science and Technology, (6), pp. 43-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871756975&partnerID=40&md5=1a67367449514b35ca85fe37b67b2a86
	Pankratov, I.M., Pavlenko, I.V. , Pomazan, O.A., Omelchenko, A.Y.	Effect of plasma rotation on the resonance magnetic perturbations at the edge of tokamak plasmas (2012) Problems of Atomic Science and Technology, (6), pp. 61-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871729656&partnerID=40&md5=818678c8c590989785de616038addf8e
	Girk, I.O., Girk, V.O., Pavlenko, I.V.	Influence of the plasma column cross-section non-circularity on the excitation of the azimuthal surface waves in electron cyclotron frequency range by annular electron beam (2012) Progress In Electromagnetics Research M, 26, pp. 39-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867545271&partnerID=40&md5=010438bd8224a94f2fba115de86e332
	Girk, V., Girk, I., Pavlenko, I. , Girk, O., Girk, A.	Coupled azimuthal modes propagating in current-carrying plasma waveguides (2012) Journal of Plasma Physics, 78 (2), pp. 105-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857838541&doi=10.1017%2Fjplp.2012.11000468&partnerID=40&md5=06fb3303a3e12bb574c6ec184b641fa3
	Girk, V.O., Girk, I.O., Pavlenko, I.V.	Possibility of excitation of azimuthal surface waves in a magnetized plasma by annular ion beams (2012) Technical Physics Letters, 38 (2), pp. 178-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858164436&doi=10.1134%2Ftp1063785012020241&partnerID=40&md5=60873a77af4f076e472fccda5844e038
	Girk, V.O., Girk, I.O., Pavlenko, I.V.	Influence of the shape of the cross section of a plasma-dielectric interface on the dispersion properties of high-frequency azimuthal surface modes (2012) Plasma Physics Reports, 38 (2), pp. 126-137.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857600906&doi=10.1134%2Fsp1063780X12010059&partnerID=40&md5=c94c6adb936db5daf77a84dd852e141
	Girk, I.O., Girk, V.O., Pavlenko, I.V.	Excitation of ion azimuthal surface modes in a magnetized plasma by annular flow of light ions (2011) Progress In Electromagnetics Research M, 21, pp. 267-278.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871789907&doi=10.2528%2FPIERM11092205&partnerID=40&md5=db31fa4239593e0883935c7d8c2d028
	Girk, V.O., Girk, I.O., Morgal, Y.I., Pavlenko, I.V.	Excitation of azimuthal surface modes by annular electron beams in the electron cyclotron frequency range (2011) Physica Scripta, 84 (2), art. no. 025505, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051700641&doi=10.1088%2F0031-8949%2F84%2F02%2F025505&partnerID=40&md5=056c23ad3d09b8426e45c3d8be4a5c91
	Girk, V.O., Girk, I.O., Girk, A.V., Pavlenko, I.V.	Theory of azimuthal surface waves propagating in non-uniform waveguides (2011) Journal of Plasma Physics, 77 (4), pp. 493-519.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051698068&doi=10.1017%2Fjplp.2012.110000644&partnerID=40&md5=24c0b1737be6a87e4b8b72288f90a3eb
	Girk, V.O., Girk, I.O., Pavlenko, I.V.	Excitation of azimuthal surface modes by relativistic flows of electrons in the high-frequency range (2011) Plasma Physics Reports, 37 (5), pp. 447-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957492219&doi=10.1134%2Fsp1063780X11040052&partnerID=40&md5=48a0dea7cafc04b0932a13d1df922942
	Kazakov, Y.O., van Eester, D., Lerche, E., Pavlenko, I.V. , Girk, I.O., Weyssow, B.	Icrf heating of hydrogen plasmas with two mode conversion layers (2010) Problems of Atomic Science and Technology, (6), pp. 37-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650603925&partnerID=40&md5=f9f2936d3f29d54272955bc672b7cd4f
	Girk, A.V., Girk, V.O., Pavlenko, I.V.	Theory of surface cyclotron X-modes at the second harmonic of electron cyclotron frequency excited by alternating electric field (2010) Problems of Atomic Science and Technology, (4), pp. 274-276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149474203&partnerID=40&md5=40eb836c28ea0846bc8cedfc34bfff0ab
	Kazakov, Y.O., Pavlenko, I.V. , Girk, I.O.	Propagation of the fast magnetosonic wave through the generalized bidden barrier (2010) Problems of Atomic Science and Technology, (4), pp. 90-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149482456&partnerID=40&md5=623dde06734cd36353f307559b0e31d7
	Kazakov, Y.O., Pavlenko, I.V. , Van Eester, D., Girk, I.O., Weyssow, B.	Enhanced ICRF (ion cyclotron range of frequencies) mode conversion efficiency in plasmas with two mode conversion layers (2010) Plasma Physics and Controlled Fusion, 52 (11), art. no. 115006, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650007004&doi=10.1088%2F0741-3335%2F52%2F11%2F115006&partnerID=40&md5=f193c02309a9169bbdb0b64ea9cf18e
	Voitsekhovitch, I., Sips, A.C.C., Alper, B., Beurskens, M., Coffey, I., Conboy, J., Gerbaud, T., Giroud, C., Johnson, T., Köchl, F., De La Luna, E., McDonald, D.C., Pavlenko, I. , Pereverzev, G.V., Popovichev, S., Saveliev, A.N., Sergienko, G., Sharapov, S., Stamp, M.	Modelling of the JET current ramp-up experiments and projection to ITER (2010) Plasma Physics and Controlled Fusion, 52 (10), art. no. 105011, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149287956&doi=10.1088%2F0741-3335%2F52%2F10%2F105011&partnerID=40&md5=881d7bac83c306723da8ffcd201f7c76
	Girk, V.O., Girk, I.O., Klyzhka, A.V., Pavlenko, I.V.	Surface ion cyclotron waves propagating across an external magnetic field (2009) AIP Conference Proceedings, 1187, pp. 613-616.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73549125010&doi=10.1063%2F1.3273826&partnerID=40&md5=b492492f2391cf2d11d7456bd9bbff87
	Kazakov, Ye.O., Pavlenko, I.V. , Girk, I.O., Weyssow, B.	Mode conversion study in plasmas with two ion-ion hybrid resonances (2009) AIP Conference Proceedings, 1187, pp. 617-620.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7349143893&doi=10.1063%2F1.3273827&partnerID=40&md5=077366970ed924f5594102e7bcb0c514
	Kazakov, Ye.O., Pavlenko, I.V. , Girk, I.O., Weyssow, B.	Fast alfvén wave propagation in multicomponent nonuniform plasmas (2008) Problems of Atomic Science and Technology, (4), pp. 99-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549246574&partnerID=40&md5=978819c501256ca06df5c4d7833531ba
	Kazakov, Y.O., Pavlenko, I.V. , Girk, I.O., Weyssow, B.	Fast wave mode conversion in multicomponent nonuniform plasmas (2008) Problems of Atomic Science and Technology, (6), pp. 49-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549264820&partnerID=40&md5=b34de2f3a444bd524ac56cdc49d853ad4f
	Girk, I.O., Girk, O.I., Girk, V.O., Pavlenko, I.V.	Azimuthal surface waves in toroidal magnetic traps (2008) Problems of Atomic Science and Technology, (6), pp. 64-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549261761&partnerID=40&md5=0be7f06fab08c52985c3d08991837f5
	Girk, O.I., Girk, V.O., Girk, I.O., Pavlenko, I.V.	Coupled transverse modes of coaxial metal waveguides completely filled with magnetoactive current-carrying plasma (2008) Plasma Physics Reports, 34 (11), pp. 901-910.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-55849093971&doi=10.1134%2Fsp1063780X08110032&partnerID=40&md5=cec4904ac505e13e58a7b85895d1b653
	Kazakov, Ye.O., Pavlenko, I.V. , Weyssow, B., Girk, I.O.	Enhanced mode conversion in fusion discharges with large concentration of minority ions (2008) Ukrainian Journal of Physics, 53 (5), pp. 442-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49349107325&partnerID=40&md5=69d16724da8fb323adc91aab1d80aa66
	Girk, A.I., Girk, V.A., Girk, I.A., Pavlenko, I.V.	Propagation of azimuthal waves along the surface of a metal current-carrying cylinder immersed into a magnetized plasma (2008) Radiophysics and Quantum Electronics, 51 (2), pp. 110-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49649087160&doi=10.1007%2F11141-008-9010-1&partnerID=40&md5=114dce2c1bc79a142e1f3cf7dfda311b
	Girk, A.I., Girk, V.A., Girk, I.A., Pavlenko, I.V.	Propagation of azimuthal waves in magnetoactive waveguides filled with a current-carrying plasma (2008) Technical Physics, 53 (7), pp. 905-912.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48849116097&doi=10.1134%2Fsp1063784208070141&partnerID=40&md5=5ee064588904f7881f164c71a8fe04ba
	Kazakov, Ye.O., Pavlenko, I.V. , Weyssow, B., Girk, I.O.	Effective fast wave mode conversion in deuterium plasmas with large hydrogen concentration (2007) 34th EPS Conference on Plasma Physics 2007, EPS 2007 - Europhysics Conference Abstracts, 31 (3), pp. 1629-1632.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873829198&partnerID=40&md5=f6f4cd4a86e5588d7fb08ed5c9466db5

	Girka, O.I., Girka, V.O., Girka, I.O., Pavlenko, I.V.	Resonant effect of the noncircular shape of the plasma surface on the dispersion properties of extraordinary azimuthal surface modes in magnetoactive waveguides (2007) Plasma Physics Reports, 33 (7), pp. 543-552.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547467643&doi=10.1134%2FIS1063780X07070033&partnerID=40&md5=8ad06013c1e6686727f645540b47d37e
	Girka, O.I., Girka, V.O., Girka, I.O., Pavlenko, I.V.	Effect of the shape of the cross section of a plasma-dielectric interface on the dispersion properties of azimuthal surface modes (2007) Plasma Physics Reports, 33 (2), pp. 91-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947417286&doi=10.1134%2FIS1063780X0702002X&partnerID=40&md5=690e229ac137ca49a24c430c00575393
	Pilipenko, D., Pavlenko, I. , Tokar, M.Z., Weyssow, B.	Transport balance of RF-heated impurity ions (2005) 32nd EPS Conference on Plasma Physics 2005, EPS 2005, Held with the 8th International Workshop on Fast Ignition of Fusion Targets - Europhysics Conference Abstracts, 2, pp. 1222-1225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873392261&partnerID=40&md5=82ed2e625778e28a3f9ee99f0f54a33
	Pilipenko, D., Tokar, M.Z., Pavlenko, I. , Weyssow, B.	Temperature of ion cyclotron heated impurity ions in fusion plasmas (2005) Physics of Plasmas, 12 (7), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24344479216&doi=10.1063%2F1.1978447&partnerID=40&md5=8a6750c135d31b3d3e57e35053d409a3
	Kamendje, R., Kasilov, S.V., Kernbichler, W., Pavlenko, I.V. , Poli, E., Heyn, M.F.	Modeling of nonlinear electron cyclotron resonance heating and current drive in a tokamak (2005) Physics of Plasmas, 12 (1), pp. 1-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444505615&doi=10.1063%2F1.1823415&partnerID=40&md5=e219659f015b08ab5068ed8e1a4edf2
	Pavlenko, I. , Rapoport, B., Weyssow, B., Carati, D.	Hamiltonian mapping of magnetic reconnection during the crash stage of the sawtooth instability (2003) Physics of Plasmas, 10 (4), pp. 1083-1091.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344511653&doi=10.1063%2F1.1561279&partnerID=40&md5=c9b4fb07f4f527b93a159864142b1370
	Bilato, R., Brambilla, M., Pavlenko, I. , Meo, F.	Simulation of fast wave current drive in tokamaks in the ion cyclotron frequency range (2002) Nuclear Fusion, 42 (9), pp. 1085-1093.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036744742&doi=10.1088%2F0029-5515%2F42%2F9%2F306&partnerID=40&md5=a5a2b6f8436ae5365f6124f67974d02e5
	Girka, V.O., Girka, I.O., Pavlenko, I.V.	Electrodynamic model of the gas discharge sustained by azimuthal surface waves (2001) Contributions to Plasma Physics, 41 (4), pp. 393-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035536748&partnerID=40&md5=d583521a170d55cee21d139ee864d283
	Azarenkov, N.A., Girka, V.O., Pavlenko, I.V.	Microwave gas discharge sustained by the azimuthal surface waves (2000) Contributions to Plasma Physics, 40 (5-6), pp. 529-536.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007368690&partnerID=40&md5=80984a661e0910f4dc24eb218d10a903
	Girka, V.A., Pavlenko, I.V.	Ion cyclotron surface waves in a parallel-plane metal waveguide (1999) Radiotekhnika i Elektronika, 44 (5), pp. 605-610.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747638147&partnerID=40&md5=bb642fed4071aefb9be1d200992c16ef
	Girka, V.O., Pavlenko, I.V. , Lapshin, V.I.	Ion surface cyclotron waves at plasma-metal interfaces (1999) Technical Physics, 44 (10), pp. 1203-1208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033210195&partnerID=40&md5=5d2099dd16ed71e73c92587f5779632c
	Girka, V.A., Pavlenko, I.V.	Ion cyclotron surface waves in a parallel-plane metal waveguide (1999) Radiotekhnika i Elektronika, 44 (5), pp. 617-623.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033132753&partnerID=40&md5=f7faba0fc7c6822f5ed3cbcaefead88
	Girka, V.A., Pavlenko, I.V.	Ion Cyclotron Surface Waves in a Parallel-Plane Metal Waveguide (1999) Journal of Communications Technology and Electronics, 44 (5), pp. 565-570.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041627343&partnerID=40&md5=afb28b826f645193b6c2069fb6e1964e
	Girka, I.O., Marushchenko, N.B., Pavlenko, I.V.	Numerical calculation of the electron distribution function with the goal of simulating a current drive (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 225-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230909&partnerID=40&md5=bea5fecb6a0921bd1e44f88616b356
	Girka, V.A., Lapshin, V.I., Pavlenko, I.V.	Parametric excitation of surface waves at harmonics of the ion cyclotron frequency (1998) Plasma Physics Reports, 24 (8), pp. 667-671.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032328559&partnerID=40&md5=38f205d6c42f5faebf49057b6a08ed39
	Girka, V.A., Girka, I.A., Pavlenko, I.V.	Surface waves propagating in the direction transverse to the axis of magnetized plasma-filled waveguides with noncircular transverse cross sections (1997) Plasma Physics Reports, 23 (11), pp. 959-963.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039974391&partnerID=40&md5=5bbc14e585c8da776f8384eeb9e829db
	Girka, V.O., Girka, I.O., Pavlenko, I.V.	HF surface cyclotron waves in planar waveguide structures with non-uniform plasma filling (1997) Journal of Plasma Physics, 58 (PART 1), pp. 31-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031189033&partnerID=40&md5=7914785efa6dc37956a0f95e765b2824
	Girka, V.O., Kondratenko, A.N., Pavlenko, I.V.	Effect of the plasma inhomogeneity on the surface cyclotron waves dispersion properties (1996) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 389-392.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030396711&partnerID=40&md5=8fa884089c52c1f56663ad7f110aa670
	Girka, V.O., Girka, I.O., Kondratenko, A.M., Pavlenko, I.V.	Electron surface cyclotron waves in the metallic waveguide structures with two-component filling (1996) Contributions to Plasma Physics, 36 (6), pp. 679-686.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030351865&partnerID=40&md5=f0911e2d19b519a91710aa0efb70e20c
	Girka, V.O., Pavlenko, I.V.	Ion surface cyclotron waves in the planar metallic waveguides (1996) IEEE International Conference on Plasma Science, p. 248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029719236&partnerID=40&md5=869d6cc8aa700e2c9769d21dbff3435c
	Girka, V.A., Pavlenko, I.V.	Surface cyclotron waves on the plasma - metal boundary (1994) IEEE International Conference on Plasma Science, p. 121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028729556&partnerID=40&md5=6420d3648a357d4ad542af79104786c
48	Azarenkov, N.A., Gapon, A.V., Dudin, S.V.	Heuristic solution of Langmuir problem in arbitrary domain (2017) Ukrainian Journal of Physics, 62 (1), pp. 33-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011605015&doi=10.15407%2Fujpe62.01.0033&partnerID=40&md5=5ec84cd6b13dd689f6913bb81827d9a
	Yakovin, S., Zykov, A., Dudin, S. , Farenik, V., Goncharov, A., Shelest, I., Kuznetsov, V.	Plasma assisted deposition of TaB2 coatings by magnetron sputtering system (2017) Problems of Atomic Science and Technology, 107 (1), pp. 187-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016103266&partnerID=40&md5=01ef8d242a1ddb8f0d7568a28b8b52f3
	Dudin, S.V. , Sosikov, V.A., Torunov, S.I.	Experimental investigation of cylindrical detonation wave (2016) Journal of Physics: Conference Series, 774 (1), art. no. 012074, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007137868&doi=10.1088%2F1742-6596%2F774%2F1%2F012074&partnerID=40&md5=c41f223d19f034f85018f12b2530cc91
	Shutov, A.V., Sultanov, V.G., Dudin, S.V.	Mathematical modeling of converging detonation waves at multipoint initiation (2016) Journal of Physics: Conference Series, 774 (1), art. no. 012075, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007043463&doi=10.1088%2F1742-6596%2F774%2F1%2F012075&partnerID=40&md5=d5e22007eb7eae08a65f4cfa2ade218d
	Yakovin, S., Zykov, A., Dudin, S. , Yefymenko, N.	Synthesis of thin-film TA2O5 coatings by reactive magnetron sputtering (2016) Problems of Atomic Science and Technology, 106 (6), pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007605369&partnerID=40&md5=637eaf6a0ce5da0be8bae64119472c677
	Lisovskiy, V.A., Ogloblina, P.A., Dudin, S.V. , Yegorenkov, V.D., Dakhov, A.N.	Forming a unipolar pulsed discharge in nitrogen (2016) Problems of Atomic Science and Technology, 106 (6), pp. 227-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007521306&partnerID=40&md5=0b8365dd227a0bb7bc33f76e9c4bf52e
	Rafalskiy, D., Dudin, S. , Aanesland, A.	Magnetized retarding field energy analyzer measuring the particle flux and ion energy distribution of both positive and negative ions (2015) Review of Scientific Instruments, 86 (5), art. no. 053302, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929207307&doi=10.1063%2F1.4919730&partnerID=40&md5=fa2ea2f09a1012e192ed691097b98b4f
	Yakovin, S., Zykov, A., Dudin, S. , Sergiec, M., Farenik, V.	Double magnetron cluster set-up for synthesis of micro and nano structure coatings (2015) Problems of Atomic Science and Technology, 95 (1), pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923213173&partnerID=40&md5=05764554735b71474c6f562beaa283a

	Kantsyrev, A.V., Golubev, A.A., Bogdanov, A.V., Demidov, V.S., Demidova, E.V., Ladygina, E.M., Markov, N.V., Skachkov, V.S., Smirnov, G.N., Rudskoy, I.V., Kuznetsov, A.P., Khudomyasov, A.V., Sharkov, B.Yu., Dudin, S.V. , Kolesnikov, S.A., Mintsev, V.B., Nikolaev, D.N., Ternovoi, V.Ya., Utkin, A.V., Yuriev, D.S., Shilkin, N.S., Fortov, V.E., Turtikov, V.I., Burtsev, V.V., Zhernokletov, M.V., Zavalov, N.V., Kartanov, S.A., Mikhailov, A.L., Rudnev, A.V., Tatsenko, M.V., Varentsov, D.V., Shestov, L.M.	TWAC-ITEP proton microscopy facility (2014) Instruments and Experimental Techniques, 57 (1), pp. 1-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894542998&doi=10.1134%2F50020441214010151&partnerID=40&md5=b5ff957268d3cdac82c4bb7b81dd548
	Dakhov, A.N., Dudin, S.V.	Influence of secondary electron emission on the RF gas breakdown (2013) Problems of Atomic Science and Technology, (4), pp. 149-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881584169&partnerID=40&md5=22479f94b8e61f227194f02929ba525
	Dudin, S.V.	Physics and design of wide-aperture bipolar particle sources (2013) Problems of Atomic Science and Technology, (1), pp. 155-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876190407&partnerID=40&md5=5a1096a8a332e1bb0f120275ea72880b
	Rafalskiy, D.V., Dudin, S.V. , Srebnik, P.A., Farenik, V.I.	Numerical simulation and experimental investigation of bipolar single-grid energy analyzers (2013) Problems of Atomic Science and Technology, (1), pp. 264-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876198451&partnerID=40&md5=e1512d9165f3a6465938f7bbbc9e53cb
	Dudin, S.V. , Rafalskiy, D.V.	A double-plasma source of continuous bipolar ion-ion beam (2013) Applied Physics Letters, 102 (3), art. no. 034102, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872902552&doi=10.1063%2F1.4788711&partnerID=40&md5=c724e3b7cc8cab1ebad3e94a076c68f9
	Dudin, S.V. , Rafalskiy, D.V., Naymark, D.A.	Simulation and experimental research of Langmuir probe operation in electro-negative plasma (2012) Problems of Atomic Science and Technology, (6), pp. 258-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871800448&partnerID=40&md5=7ec97baa36d9e5e7c54d85e1f7acebd a
	Dudin, S.V. , Dakhov, A.N., Lisovskiy, V.A., Pletnikov, V.M.	Dependence of RF breakdown curve on electrode geometry in CCP reactor (2012) Problems of Atomic Science and Technology, (6), pp. 193-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871809765&partnerID=40&md5=2a22a9960667a2eb13f076eb29ef8052
	Yakovin, S., Dudin, S., Zykov, A., Shyskov, A., Farenik, V.	Technological aprobaton of integral cluster set-up for complex compound composites synthesis (2012) Problems of Atomic Science and Technology, (6), pp. 220-222.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871796027&partnerID=40&md5=362fc6c2fe96423a352de3ea1cdb2fd c
	Dudin, S.V. , Rafalskiy, D.V.	Empirical laws of particle extraction from single-grid source of bipolar ion-electron flow (2012) Review of Scientific Instruments, 83 (11), art. no. 113302, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870480539&doi=10.1063%2F1.4767241&partnerID=40&md5=f857d9a1c9776a5a56478648fe972661
	Kolesnikov, S.A., Dudin, S.V. , Lavrov, V.V., Nikolaev, D.N., Mintsev, V.B., Shilkin, N.S., Ternovoi, V.Ya., Utkin, A.V., Yakushev, V.V., Yuriev, D.S., Fortov, V.E., Golubev, A.A., Kantsyrev, A.V., Shestov, L.M., Smirnov, G.N., Turtikov, V.I., Sharkov, B.Yu., Burtsev, V.V., Zavalov, N.V., Kartanov, S.A., Mikhailov, A.L., Rudnev, A.V., Tatsenko, M.V., Zhernokletov, M.V.	Shockwave and detonation studies at ITEP-TWAC proton radiography facility (2012) AIP Conference Proceedings, 1426, pp. 390-393.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861977403&doi=10.1063%2F1.3686300&partnerID=40&md5=8438f61d42a6b98db3950cb9a2cc651a
	Rafalskiy, D.V., Dudin, S.V.	A new grid-type electron filter for volume-production negative-ion source (2012) EPL, 97 (5), art. no. 55001, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857700261&doi=10.1209%2F0295-5075%2E97%2F55001&partnerID=40&md5=28b16bd2303e66017cdf951acd2f7d0
	Shurupov, A.V., Fortov, V.E., Koslov, A.V., Leont'ev, A.A., Shurupova, N.P., Zavalova, V.E., Dudin, S.V. , Mintsev, V.B., Ushnurtsev, A.E.	Cascade explosive magnetic generator of rapidly increasing current pulses (2012) 2012 14th International Conference on Megagauss Magnetic Field Generation and Related Topics, MEGAGAUSS 2012, art. no. 6781431, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899422827&doi=10.1109%2FMEGAGAUSS.2012.6781431&partnerID=40&md5=72a20dc568cd01b74d558df782bc7
	Dudin, S.V. , Rafalskiy, D.V.	Influence of ion-beam plasma on ion extraction efficiency in a single-grid ion source (2011) European Physical Journal D, 65 (3), pp. 475-479.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856220934&doi=10.1140%2Fepjd%2F2011-20402-y&partnerID=40&md5=da2797ed11215a4c68825ce3e3318b00
	Kulish, M.I., Mintsev, V.B., Dudin, S.V. , Ushnurtsev, A.E., Fortov, V.E.	Measurement of the temperature of the copper plasma generated in the process of release of a shock-compressed target (2011) JETP Letters, 94 (2), pp. 101-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052877172&doi=10.1134%2F50021364011140086&partnerID=40&md5=8b5c9c752f0de6cc3f668791b27e0e8f
	Kuznetsov, A.P., Kolesnikov, S.A., Golubev, A.A., Gubskii, K.L., Dudin, S.V. , Kantsyrev, A.V., Turtikov, V.I., Utkin, A.V., Yakushev, V.V.	Laser interferometer for measuring the mass velocity of condensed substances in shock-wave experiments on the TWAC-ITEP proton-radiographic facility (2011) Instruments and Experimental Techniques, 54 (3), pp. 400-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052690938&doi=10.1134%2F50020441211030158&partnerID=40&md5=aed57371e7a4057a200b70aa60bc3db
	Yakovin, S.D., Dudin, S.V. , Zykov, A.V., Farenik, V.I.	Integral cluster set-up for complex compound composites synthesis (2011) Problems of Atomic Science and Technology, (1), pp. 152-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952458159&partnerID=40&md5=7cc9a10b4d574ff49d9b6c80c0a1b6b
	Dudin, S.V. , Dahov, A.N., Farenik, V.I.	Spatial distributions of plasma parameters in ICP reactor (2010) Problems of Atomic Science and Technology, (6), pp. 150-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650628671&partnerID=40&md5=5875940a7972ecc0b23282063e902b97
	Rafalskiy, D.V., Dudin, S.V.	On the hysteresis at ion extraction in the single-grid ion source (2010) Applied Physics Letters, 97 (5), art. no. 051501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955739595&doi=10.1063%2F1.3475924&partnerID=40&md5=8fb7d53ec60feecde363d43e63283a28
	Dudin, S.V. , Rafalskiy, D.V., Zykov, A.V.	High homogeneity 25 cm low-energy rf ion source with inherent electron compensation (2010) Review of Scientific Instruments, 81 (8), art. no. 083302, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956312490&doi=10.1063%2F1.3477999&partnerID=40&md5=b44434f0a1d5aa20680a7b65773907b6
	Golubev, A.A., Demidov, V.S., Demidova, E.V., Dudin, S.V. , Kantsyrev, A.V., Kolesnikov, S.A., Mintsev, V.B., Smirnov, G.N., Turtikov, V.I., Utkin, A.V., Fortov, V.E., Sharkov, B.Y.	Diagnostics of fast processes by charged particle beams at TWAC-ITEP accelerator-accumulator facility (2010) Technical Physics Letters, 36 (2), pp. 177-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952034380&doi=10.1134%2F510637951003589462&partnerID=40&md5=481bbc037b6038d75ed9e36309e413e
	Kolesnikov, S.A., Golubev, A.A., Demidov, V.S., Dudin, S.V. , Kantsyrev, A.V., Mintsev, V.B., Smirnov, G.N., Turtikov, V.I., Utkin, A.V., Sharkov, B.Y., Fortov, V.E.	Application of charged particle beams of TWAC-ITEP accelerator for diagnostics of high dynamic pressure processes (2010) High Pressure Research, 30 (1), pp. 83-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950144376&doi=10.1080%2F08957951003589462&partnerID=40&md5=af8d1668e3bbcdab4fe0efef427862b
	Dudin, S.V. , Zhiltukhin, A.M., Kozlov, A.V., Leont'ev, A.A., Mintsev, V.B., Ushnurtsev, A.E., Fortov, V.E., Cherkovets, V.E., Shurupov, A.V., Shurupova, N.P.	Magnetocumulative generator as the power supply for pulsed plasma accelerator (2010) High Temperature, 48 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949503345&doi=10.1134%2F50018151X10010013&partnerID=40&md5=d7da2a11ee96d76225e9192cac4d51
	Dudin, S.V. , Rafalskiy, D.V.	On the simultaneous extraction of positive ions and electrons from single-grid ICP source (2009) EPL, 88 (5), art. no. 55002, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79051471243&doi=10.1209%2F0295-5075%2E88%2F55002&partnerID=40&md5=f7b4dcdfac23e2a135688107863ca92

	Golubev, A.A., Demidov, V.S., Dudin, S.V. , Fortov, V.E., Hoffmann, D.H.H., Kantsyrev, A.V., Kolesnikov, S.A., Mintsev, V.B., Shutov, A.V., Smirnov, G.N., Turtikov, V.I., Sharkov, B.Y., Varentsov, D.V., Utkin, A.V., Weyrich, K., Wahl, H.	Application of ITEP-TWAC accelerator beams for diagnostics of fast process (2009) International Topical Meeting on Nuclear Research Applications and Utilization of Accelerators, 5 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952781877&partnerID=40&md5=fcc2f6c05e94d4facc19537687e5cccd1
	McNeely, P., Dudin, S.V. , Christ-Koch, S., Fantz, U.	A Langmuir probe system for high power RF-driven negative ion sources on high potential (2009) Plasma Sources Science and Technology, 18 (1), art. no. 014011, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64249140498&doi=10.1088%2F0963-0252%2F18%2F1%2F014011&partnerID=40&md5=e79b579081a3165e297b19b828d2789
	Weyrich, K., Wahl, H., Golubev, A., Kantsyrev, A., Kulish, M., Dudin, S. , Hoffmann, D.H.H., Sharkov, B., Mintsev, V.	Influence of the gap-target configuration on the measured energy loss of C-ions in Ar-gas and -plasma (2007) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 577 (1-2), pp. 366-370.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249722722&doi=10.1016%2Fj.nima.2007.02.032&partnerID=40&md5=fa01d055d211297a0fa65f9173683b91
	Shilkin, N.S., Yuriev, D.S., Dudin, S.V. , Mintsev, V.B., Fortov, V.E.	Measurements of static electrical conductivity of a dense plasma in a magnetic field (2006) Journal of Physics A: Mathematical and General, 39 (17), pp. 4341-4346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645724067&doi=10.1088%2F0305-4470%2F39%2F17%2F014011&partnerID=40&md5=e6de76a83bb9ec04418e5c857a599243
	Weyrich, K., Wahl, H., Hoffmann, D.H.H., Golubev, A.A., Kantsyrev, A.V., Sharkov, B.Yu., Kulish, M., Dudin, S. , Mintsev, V.B., Fortov, V.E., Gryaznov, V.	Shockwave-driven, non-ideal plasmas for interaction experiments with heavy-ion beams (2006) Journal of Physics A: Mathematical and General, 39 (17), pp. 4749-4754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645711792&doi=10.1088%2F0305-4470%2F39%2F17%2F014011&partnerID=40&md5=6b1577fa38701352aff543ac8836e10a
	Dudin, S.V. , Ignatyev, O.V., Pulin, A.D.	A fast spectroscopy ADC (2004) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 516 (1), pp. 167-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1242307963&doi=10.1016%2Fj.nima.2003.07.049&partnerID=40&md5=1c932ab7a09c1d7d3b5ed7594dbd7780
	Shilkin, N.S., Dudin, S.V. , Gryaznov, V.K., Mintsev, V.B., Fortov, V.E.	Measurement of electron concentration and conduction of partly ionized plasma of inert gases (2003) Zhurnal Eksperimental'noj i Teoreticheskoy Fiziki, 124 (5), pp. 1030-1041.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0442292695&partnerID=40&md5=65ae2a98948b268e3be4ae3b98c31a
	Shilkin, N.S., Dudin, S.V. , Gryaznov, V.K., Mintsev, V.B., Fortov, V.E.	Hall effect in nonideal argon and xenon plasmas (2003) JETP Letters, 77 (9), pp. 486-489.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347881691&doi=10.1134%2F1.1591975&partnerID=40&md5=caf3da9e41987f68d8bb6582260c976d
	Shilkin, N.S., Dudin, S.V. , Gryaznov, V.K., Mintsev, V.B., Fortov, V.E.	Measurements of the electron concentration and conductivity of a partially ionized inert gas plasma (2003) Journal of Experimental and Theoretical Physics, 97 (5), pp. 922-931.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21144450589&doi=10.1134%2F1.1633948&partnerID=40&md5=7e7e858fece66243d62ee81f0f99b2ad
	Mintsev, V.B., Shilkin, N.S., Zaporoghets, Yu.B., Dudin, S.V. , Gryaznov, V.K., Fortov, V.E.	Measurements of Hall, DC and HF conductivity of nonideal plasma (2003) Contributions to Plasma Physics, 43 (5-6), pp. 326-329.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344197593&partnerID=40&md5=4ce7c1208ad1b99ba25743e20e912e70
	Denssenko, I., Dudin, S. , Zykov, A., Azarenkov, N., Yu, M.Y.	Ion flux uniformity in inductively coupled plasma sources (2002) Physics of Plasmas, 9 (11), p. 4767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036857892&doi=10.1063%2F1.1514669&partnerID=40&md5=7d40879cae8bea4043db93d1da9b92bf
	Walkowicz, J., Miernik, K., Zykov, A., Dudin, S. , Farenik, V.	Pulsed-plasma assisted magnetron methods of depositing TiN coatings (2000) Surface and Coatings Technology, 125 (1-3), pp. 341-346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034009134&doi=10.1016%2F0257-8972%2899%2900609-X&partnerID=40&md5=6eed7155b05d60f8e6b978582de9022
	Dudin, S.V. , Zykov, A.V., Polozhii, K.I., Farenik, V.I.	Ion energy cost in a combined inductive-capacitive rf discharge (1998) Technical Physics Letters, 24 (11), pp. 881-883.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032351960&partnerID=40&md5=1120d680ed4e8537cc6e35b81af5a83c
	Dudin, S.V. , Zykov, A.V., Ushakov, A.V., Farenik, V.I.	Equilibrium states of an ion-beam plasma with magnetized electrons at low pressures (1998) Technical Physics Letters, 24 (3), pp. 180-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032384986&partnerID=40&md5=01545de338d8f1083463f61be0f0bb91
	Dudin, S.V. , Zykov, A.V., Ushakov, A.V., Farenik, V.I.	Electron distribution function of an ion-beam plasma in nonuniform EH fields (1996) Technical Physics Letters, 22 (12), pp. 969-971.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030360364&partnerID=40&md5=05c521a7d39e78f9bdc22b7c36d0940b
	Dudin, S.V. , Zykov, A.V., Polozhii, K.I.	Energy optimization of sputtering systems based on a combined rf inductive-capacitive discharge (1996) Technical Physics Letters, 22 (10), pp. 801-803.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030524164&partnerID=40&md5=7f25453475014096756d93984f8009dc
	Dudin, S.V.	Numerical model of operation of the Langmuir probe under intermediate pressure (1996) IEEE International Conference on Plasma Science, p. 168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029701888&partnerID=40&md5=2cc83e9db26bb56a89f9480eefdc2c7
	Dudin, S.V. , Ushakov, A.V., Farenik, V.I.	Features of application of electric probes in crossed non-uniform E and H fields (1996) IEEE International Conference on Plasma Science, p. 117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029714453&partnerID=40&md5=842f32c54a53b68118d980cb8c248c52
	Dudin, S.V. , Polozhii, K.I., Farenik, V.I.	Versatile meter of parameters of gas-discharge plasma (1996) IEEE International Conference on Plasma Science, p. 118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029719081&partnerID=40&md5=85d5cdcf55ad3735658b45d71648f19c
	Dudin, S.V. , Ignatyev, O.V., Pulin, A.D.	A fast signal processor for NaI(Tl) detectors (1995) Nuclear Inst. and Methods in Physics Research, A, 352 (3), pp. 610-613.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244338526&doi=10.1016%2F0168-9002%2895%2990014-4&partnerID=40&md5=8ee7bcd08abf28f5792b61b98d37fe4
	Dudin, S.V.	Probe measurements in ion-beam plasma (1994) IEEE International Conference on Plasma Science, pp. 179-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028754824&partnerID=40&md5=f9ff254a1f7d235a41e145055fb4711b
	Dudin, S.V. , Zykov, A.V., Ushakov, A.V.	Dynamics of electrons in anode layer of hall-type ion source (1994) IEEE International Conference on Plasma Science, p. 175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028739902&partnerID=40&md5=45f6d4798416cc591636dc1a50aacc24
	Dudin, S.V. , Zykov, A.V., Farenik, V.I.	Neutralization of low energy broad ion beam (1994) IEEE International Conference on Plasma Science, p. 156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028729002&partnerID=40&md5=1d48c970acd2fafd01ae7260a2a9fa49
	Dudin, S.V. , Zykov, A.V., Farenik, V.I.	Low-energy ion beam space-charge neutralization (1994) Review of Scientific Instruments, 65 (4), pp. 1451-1453.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040461759&doi=10.1063%2F1.1144941&partnerID=40&md5=f75ca9ba30195f6a431706b9e472df6
49	Lazurik, V.M., Lazurik, V.T. , Popov, G., Zimek, Z.	Two-parametric model of electron beam in computational dosimetry for radiation processing (2016) Radiation Physics and Chemistry, 124, pp. 230-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950147377&doi=10.1016%2Fj.radphyschem.2015.12.004&partnerID=40&md5=2afda6f3dcdee2ef886f8d57ecc95fcd
	Lazurik, V.T. , Lazurik, V.M., Popov, G.F., Rogov, Y.V., Sarukhanian, G.E., Vereshchaka, V.V.	Impact of energy spread of electron beam on absorbed dose distribution (2013) Problems of Atomic Science and Technology, (4), pp. 308-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881570866&partnerID=40&md5=3df25ae61aaa531c0896b550d9012d34
	Baiev, O., Lazurik, V. , Didenko, I.	Use of neural networks for monitoring beam spectrum of industrial electron accelerators (2013) CEUR Workshop Proceedings, 1000, pp. 118-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923634384&partnerID=40&md5=08b20e46b387eed2de7d588c4fd2197
	Lazurik, V.T. , Lazurik, V.M., Popov, G., Rogov, Y., Sarukhanian, G.	Comparison of product irradiation technology on industrial X-ray radiation facility (2012) Problems of Atomic Science and Technology, (4), pp. 216-220.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865507481&partnerID=40&md5=7e2632f8f15239de8e753d96aed8834
	Lonin, Y.F., Ponomarev, A.G., Sarukhanian, G.E., Batrakov, A.B., Uvarov, V.T., Kazban, L.N., Lazurik, V.T.	Research of deceleration radiation yield on high-current accelerators of relativistic electron beams of Ipenma (2012) Problems of Atomic Science and Technology, (4), pp. 163-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865476367&partnerID=40&md5=66e64e1928fd5fafa17df66d75ad857d

	Baiev, O., Lazurik, V.	Advantages of neural networks for deriving an electrons spectrum from depth-charge curve (2012) IEEE Nuclear Science Symposium Conference Record, art. no. 6154625, pp. 1395-1397.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858681413&doi=10.1109%2FNSMIC.2011.6154625&partnerID=40&md5=433fafdfe100e5934ed16b1d9ce73bee
	Tseluyko, A.F., Lazurik, V.T. , Ryabchikov, D.L., Hassanein, A., Borgun, I.V., Sereda, I.N., Borisko, S.V.	Dynamic of wall currents in pulse plasma diode in tin vapor (2011) Problems of Atomic Science and Technology, (1), pp. 143-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952468703&partnerID=40&md5=9dd4fbefdc1d07cd579d1ff7a43f38fa
	Tseluyko, A.F., Lazurik, V.T. , Ryabchikov, D.L., Hassanein, A., Maslov, V.I., Borgun, I.V., Sereda, I.N.	Influence of plasma nucleus form on radiation orientation in high-current pulse plasma diode (2010) Problems of Atomic Science and Technology, (6), pp. 176-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650603922&partnerID=40&md5=9a45f5467bf4890d1cee8b94f0a29205
	Kaluska, I., Lazurik, V.T. , Lazurik, V.M., Popov, G.F., Rogov, Y.V., Zimek, Z.	Influence of boundary effects on electron beam dose distribution formation in multilayer targets (2010) Nukleonika, 55 (3), pp. 363-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960863179&partnerID=40&md5=c1153b0a7e4f9b9faee853cd2642cdf1
	Lazurik, V.T. , Lazurik, V.M., Popov, G.F., Rogov, Y.V.	Integration of computation methods in dosimetry of radiation processing (2008) Problems of Atomic Science and Technology, (3), pp. 201-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549239553&partnerID=40&md5=7a661848c46791e63f6f276141d1b589
	Tseluyko, A.F., Lazurik, V.T. , Ryabchikov, D.L., Maslov, V.I., Sereda, I.N.	Experimental study of radiation in the wavelength range 12.2-15.8 nm from a pulsed high-current plasma diode (2008) Plasma Physics Reports, 34 (11), pp. 963-968.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-55849143683&doi=10.1134%2FIS1063780X0811010X&partnerID=40&md5=e0e9a667a77ae58eb9259d9f67d13bc
	Lazurik, V.T. , Pismeneskiy, S.A., Popov, G.F., Rudychev, D.V., Rudychev, V.G.	An increase of utilization efficiency of X-ray beam (2007) Radiation Physics and Chemistry, 76 (11-12), pp. 1787-1791.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548588174&doi=10.1016%2Fj.radphyschem.2007.03.019&partnerID=40&md5=ac97c167600e6030ef2aa547ac421029
	Kaluska, I., Lazurik, V.T. , Lazurik, V.M., Popov, G., Rogov, Yu., Zimek, Z.	The features of electron dose distributions in circular objects: Comparison of Monte Carlo calculation predictions with dosimetry (2007) Radiation Physics and Chemistry, 76 (11-12), pp. 1815-1819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548561497&doi=10.1016%2Fj.radphyschem.2007.03.018&partnerID=40&md5=488f7f31183094810211ce693954ba22
	Lazurik, V.T. , Lazurik, V.M., Popov, G.F., Rogov, Yu.V.	The software ModeRTL for simulation of radiation processes in electron beam technologies (2005) Institute of Physics Conference Series, 175, pp. 161-169.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644548345&partnerID=40&md5=92752eebf2d0324b9c1a304fe6aef3
	Lazurik, V.T. , Lazurik, V.M., Popov, G.F., Rogov, Yu.V.	Simulation tool for scanning X-ray beams irradiator (2003) Proceedings of the IEEE Particle Accelerator Conference, 3, pp. 1616-1618.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4143110218&partnerID=40&md5=40dd7d55a915166667d656fd93bbb30
	Kalinichenko, A.I., Lazurik, V.T. , Popov, G.F., Tovstiak, V.V.	Radiation-acoustic monitoring of therapeutic beam (2003) Proceedings of the IEEE Particle Accelerator Conference, 2, pp. 1080-1082.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4143105840&partnerID=40&md5=ce3359149505d28b6712799b510f8c1
	Lazurik, V.T. , Lazurik, V.M., Popov, G.F., Rogov, Yu.V.	Integration of simulation methods in control system for EB processing (2003) 2003 International Conference Physics and Control, PhysCon 2003 - Proceedings, 3, art. no. 1237042, pp. 1003-1008.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945425262&doi=10.1109%2FPHYCON.2003.1237042&partnerID=40&md5=056ad6e15c8f8207c038ab27616df15f
	Tabata, T., Moskvina, V., Andreo, P., Lazurik, V. , Rogov, Y.	Extrapolated ranges of electrons determined from transmission and projected-range straggling curves (2002) Radiation Physics and Chemistry, 64 (3), pp. 161-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036227019&doi=10.1016%2FS0969-806X%2801%2900469-8&partnerID=40&md5=50022852be73db4238135d8a48a2d3e0
	Lazurik, V. , Tabata, T., Lazurik, V.	A database for electron-material interactions (2001) Radiation Physics and Chemistry, 60 (3), p. 161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035133175&doi=10.1016%2FS0969-806X%2800%2900348-0&partnerID=40&md5=4e8e5d16c213ba8570af04c196e11c44
	Alouani-Bibi, F., Lazurik, V.T. , Rogov, Yu.V., Tabata, T.	Charge-deposition in two-layer systems irradiated by electrons (2001) Radiation Physics and Chemistry, 60 (3), pp. 151-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035134577&doi=10.1016%2FS0969-806X%2800%2900332-7&partnerID=40&md5=a0ed1b0a682276f4d9b5c370aab6c57
	Lazurik, V. , Lisitskiy, A., Pismeneskiy, S., Rogov, Y.	Effects of inhomogeneity in plane shielding construction (2000) IEEE Transactions on Nuclear Science, 47 (6 Pt 1), pp. 2132-2134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034450590&doi=10.1109%2F23.903860&partnerID=40&md5=b0737800d83a1bcd03cf633c0b2b8d47
	Alouani-Bibi, F., Lazurik, V.T. , Rogov, Y.V., Tabata, T.	Approximation of charge-deposition density in thin slabs irradiated by electrons (2000) Radiation Physics and Chemistry, 59 (3), pp. 239-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034285212&doi=10.1016%2FS0969-806X%2800%2900268-1&partnerID=40&md5=8fbb6e6d58befad0d04ef5edcfcad6
	Alouani-Bibi, F., Lazurik, V.T. , Rogov, Y.V., Tabata, T.	An expression for the charge-deposition distribution near the surface of a semi-infinite medium irradiated by electrons (1999) IEEE Transactions on Nuclear Science, 46 (3 PART 1), pp. 280-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033356655&doi=10.1109%2F23.775528&partnerID=40&md5=a259eaeacf69b464a03bcdadca85dc
	Lazurik, V. , Moskvina, V., Rogov, Y., Tabata, T.	Average depths of electron penetration (ii): angular dependence and use to evaluate secondary-electron yield by photons (1999) IEEE Transactions on Nuclear Science, 46 (4 PART 1), pp. 910-914.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033354292&doi=10.1109%2F23.790702&partnerID=40&md5=0c78ac9615f703f7eaa06799beca7cf7
	Alouani Bibi, F., Lazurik, V.T. , Rogov, Y.V.	Distribution spatiale de la charge déposée dans des cibles minces irradiées par des électrons (1999) Canadian Journal of Physics, 77 (2), pp. 127-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0006142614&partnerID=40&md5=8d764e9e840585443975c4dae98320f8
	Alouani-Bibi, F., Lazurik, V.T. , Rogov, Yu.V., Tabata, T.	Expression for the charge-deposition distribution near the surface of a semi-infinite medium irradiated by electrons (1999) IEEE Nuclear Science Symposium and Medical Imaging Conference, 2, pp. 835-838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032596531&partnerID=40&md5=7e9dc9dabcf4581680d77ed8e39baee
	Lazurik, V. , Lisitskiy, A., Pismeneskiy, S., Rogov, Yu.	Effects of inhomogeneity in plane shielding construction (1999) IEEE Nuclear Science Symposium and Medical Imaging Conference, 2, pp. 1056-1059.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032596361&partnerID=40&md5=f8deac6b080779c672d88b4c6f76ea5a3
	Alouani-Bibi, F., Lazurik, V.T. , Rogov, Yu.V.	Model of energy and charge-deposition in thin slabs irradiated by electrons (1999) IEEE Nuclear Science Symposium and Medical Imaging Conference, 2, pp. 839-842.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032596528&partnerID=40&md5=a159627e5cf51f036033c6de37b7a6ba
	Alouani Bito, F., Lazurik, V.T.	Electric field in thin dielectric slabs irradiated by electrons (1998) IEEE Transactions on Nuclear Science, 45 (3 PART 1), pp. 617-622.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032096071&partnerID=40&md5=1aff9f2f8bfe7c13cd0c69a8b105818
	Lazurik, V. , Tabata, T., Moskvina, V.	Average depths of electron penetration: use as characteristic depths of exposure (1998) IEEE Transactions on Nuclear Science, 45 (3 PART 1), pp. 626-631.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032094999&partnerID=40&md5=c62cdd61e3cf21ad0c988949ea84cb4c
	Lazurik, V., Moskvina, V.	A study of primary electron charge deposition near the surface of a target by Monte Carlo simulation (1998) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 134 (1), pp. 1-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031699498&partnerID=40&md5=9eed7021f35c869f04959acd6453be2b
	Lazurik, V. , Moskvina, V.	Absorption of fast electrons in thin slabs (1997) IEEE Transactions on Nuclear Science, 44 (3 PART 1), pp. 1070-1075.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747658439&doi=10.1109%2F23.603806&partnerID=40&md5=ce4382405a0956ac9e7b50f47ff4049e
	Lazurik, V. , Moskvina, V.	Charge deposition distributions in targets irradiated by electrons (1997) IEEE Transactions on Nuclear Science, 44 (3 PART 1), pp. 1065-1069.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2042431056&doi=10.1109%2F23.603805&partnerID=40&md5=dc690cd2bdac8d485a351e4bf3da59ee
	Adadurov, A.F., Lazurik, V.T. , Rogov, Yu.V.	Calculation of charges near an interface of dissimilar media under gamma irradiation (1997) IEEE Transactions on Nuclear Science, 44 (3 PART 1), pp. 1076-1080.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747702912&doi=10.1109%2F23.603807&partnerID=40&md5=1007761640ccc909d012238e4e5b4961
	Lazurik, V.T. , Rogov, Yu.V.	Secondary electron radiation from microheterogeneous media irradiated by photons (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 2, pp. 914-918.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030350432&partnerID=40&md5=61caa976266b1a32f62f674e86cc002f
	Lazurik, Valentin , Moskvina, Vadim	Absorption of fast electrons in thin slabs (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 2, pp. 904-908.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030362449&partnerID=40&md5=d7ff8a53c017e83fc99b1b6b6d206aa3

	Lazurik, Valentin , Moskvina, Vadim	Charge deposition distributions in targets irradiated by electrons (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 2, pp. 899-903.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030372165&partnerID=40&md5=3761563ec3b8382412e4551705347b22
	Bibi, F.Alouani, Lazurik, V.T. , Rogov, Yu.V.	Space charge distribution in thin targets irradiated by electrons (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 1, pp. 191-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030348460&partnerID=40&md5=2e39a791aa82b8238a955762ac59c3e0
	Bibi, F.Alouani, Lazurik, V.T. , Rogov, Yu.V.	Approximation of charge deposition density in slabs irradiated by electrons or photons (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 1, pp. 196-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030359234&partnerID=40&md5=110b8ce7e891784e3ced7d8414d222cd
	Adadurov, A.F., Lazurik, V.T. , Rogov, Ju.V.	Integral energy and charge calculation near the interface of dissimilar media under gamma irradiation (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 2, pp. 909-913.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030348468&partnerID=40&md5=2d82eb67cdd36b68266e093a960990ac
	Adadurov, A.F., Lazurik, V.T. , Rogov, Ju.V., Tokarevskii, V.V., Shevchenko, C.V.	Spectrometry of intense fluxes of gamma radiation by means of the method of capsule-absorbers (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 1, pp. 201-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030362513&partnerID=40&md5=cec79192d31b7974ed99bbd51837980a
	Lazurik, V. , Moskvina, V.	Monte Carlo calculation of charge-deposition depth profile in slabs irradiated by electrons (1996) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 108 (3), pp. 276-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040747450&doi=10.1016%2F0168-583X%2895%2901052-1&partnerID=40&md5=7c3df8912028e6948892abe459d00ca0
	Lazurik, V.T. , Rogov, Yu.V.	Secondary electron current in a homogeneous medium at the presence of weak external electric and magnetic fields (1993) Atomnaya Energiya, 74 (2), pp. 139-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027542878&partnerID=40&md5=fc283c4060d2430115303a763019c452
	Lazurik, V.T. , Rogov, Yu.V.	Secondary electron current in a homogeneous medium in the presence of weak external electric and magnetic fields (1993) Atomic Energy, 74 (2), pp. 135-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250074420&doi=10.1007%2FBF00760356&partnerID=40&md5=a35979c3f553362988fb4c5a86e9eb29
	Kirdin, A.I., Lazurik, V.T.	Scattered flux with gamma-ray irradiation of heterogeneous media (1987) Soviet Atomic Energy, 62 (2), pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023290090&doi=10.1007%2FBF01123677&partnerID=40&md5=75b4476ca4744aec4076e710d6660e4e
	Adadurov, A.F., Lazurik, V.T. , Rogov, Yu.V.	Space-angular characteristics of secondary electrons during gamma irradiation (1985) Soviet Atomic Energy, 58 (6), pp. 514-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022072576&doi=10.1007%2FBF01130863&partnerID=40&md5=6e3a3beecd363b76adff299d710bfc
	Adadurov, A.F., Borisenko, Yu.N., Gritsyna, V.T., Lazurik, V.T.	Effect of the Boundary-Layer Structure on the Adhesion Interaction in Thin-Film Systems. [VLIYANIE STRUKTURY POGRANICHNOI OBLASTI NA ADGEZIONNOE VZAIMODEISTVIE V TONKOPLENOCHNYKH SISTEMAKH.] (1984) Elektronnaya Obrabotka Materialov, (4), p. 118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021575585&partnerID=40&md5=a8dd9aa82173567ad4285bc8375a1932
	Grudskii, M.Ya., Roldugin, N.N., Smirnov, V.V., Adadurov, A.F., Lazurik, V.T.	Experimental investigation and Monte Carlo calculation of photon-induced electron emission from solids (1984) Nuclear Inst. and Methods in Physics Research, A, 227 (1), pp. 126-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021518243&doi=10.1016%2F0168-9002%2884%2990110-4&partnerID=40&md5=f086eb1dc17d6d51de65038cf07049b
	Davydov, A.A., Kalinichenko, A.I., Lazurik, V.T.	Possibility of utilizing a radiation-acoustic method to determine coating thickness (1984) Measurement Techniques, 27 (10), pp. 890-892.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021502012&doi=10.1007%2FBF00862302&partnerID=40&md5=08a96b8d4114b6d96aaf1d418d9b25cc
	Adadurov, A.F., Lazurik, V.T.	Calculation of nonequilibrium distributions of absorbed dose and space charge during γ irradiation (1982) Soviet Atomic Energy, 52 (3), pp. 205-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020097494&doi=10.1007%2FBF01126998&partnerID=40&md5=9d18d545a089649a7e4cab01333da38
	Kalinichenko, A.I., Lazurik, V.T.	Thermal decomposition of a substance in the tracks of ionizing particles (1981) Soviet Atomic Energy, 51 (6), pp. 787-789.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250227180&doi=10.1007%2FBF01121680&partnerID=40&md5=d3c8095a2dbf2b12185c475a5860ddff
	Adadurov, A.F., Lazurik, V.T. , Shilobreev, B.A., Yakovlev, M.V.	Space-charge distribution in lamellar structures (1981) Soviet Atomic Energy, 50 (5), pp. 316-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250236132&doi=10.1007%2FBF01121141&partnerID=40&md5=549a733ad861a1f618490f8d6ee56aa8
	Adadurov, A.F., Lazurik, V.T.	Calculation of the yield of fast secondary electrons by the action of X radiation (1981) Soviet Atomic Energy, 50 (3), pp. 202-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250241155&doi=10.1007%2FBF01126651&partnerID=40&md5=9917af09b3bc2460d4c73c2d840f315f
	Volovik, V.D., Kalinichenko, A.I., Lazurik, V.T. , Popov, G.F.	The acoustic detection of high-energy particles in water (1979) Physics Letters A, 70 (5-6), pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49249143609&doi=10.1016%2F0375-9601%2879%2990377-3&partnerID=40&md5=95858aa37ad10b2df73e8ef0086792aa
	Adadurov, A.F., Lazurik, V.T.	Distribution of absorbed energy in a layered target irradiated with γ rays (1977) Soviet Atomic Energy, 43 (1), pp. 667-669.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250280127&doi=10.1007%2FBF01118524&partnerID=40&md5=ea73e29dceff62db3cfa2fbfc0bbf4
50	Boiko, Y.I., Bogdanov, V.V. , Vovk, R.V., Kamchatnaya, S.N., Goulatis, I.L., Chronoes, A.	Relaxation of the electric resistance in YBa ₂ Cu ₃ O _{7-x} single crystals at room temperature (2017) Modern Physics Letters B, 31 (16), art. no. 1750179, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019709424&doi=10.1142%2F1750179&partnerID=40&md5=413b5a7d52e0ff21184d2b3bb513a483
	Vovk, R.V., Boiko, Y.I., Bogdanov, V.V. , Kamchatnaya, S.N., Goulatis, I.L., Chronoes, A.	Different diffusion mechanisms of oxygen in ReBa ₂ Cu ₃ O _{7-x} (Re = Y, Ho) single crystals (2017) Physica C: Superconductivity and its Applications, 536, pp. 26-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018503378&doi=10.1016%2Fphysc.2017.04.001&partnerID=40&md5=4e14176fe5ec49723887fb483856cd7e
	Paritskaya, L.N., Bogdanov, V.V. , Kaganovskii, Y.	Size-dependent kinetics of reactive diffusion in nano-grained Ag-Sn thin films (2017) Materials Letters, 193, pp. 292-294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011906803&doi=10.1016%2Fmatlet.2017.01.117&partnerID=40&md5=def413d920f812ae6eef01dcf1844936
	Biletskiy, V.I., Bogdanov, V.V. , Boyko, Y.I., Vovk, R.V., Khadzha, G.Y., Goulatis, I.L., Chronoes, A.I.	Electrophysical properties of nanoporous cerium dioxide–water system (2017) Journal of Materials Science: Materials in Electronics, 28 (2), pp. 2157-2159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990853011&doi=10.1007%2Fjs10854-016-5780-y&partnerID=40&md5=4a7af3d87ee23b53b65eb487e9165d9f
	Boiko, Y.I., Bogdanov, V.V. , Khadzha, G.Y., Savich, S.V., Vovk, R.V.	Single-file diffusion of oxygen ions in the compound YBa ₂ Cu ₃ O _{7-x} (2016) Low Temperature Physics, 42 (10), pp. 936-939.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995459779&doi=10.1063%2F1.4965896&partnerID=40&md5=bbe19f5721a76646de09da8b0335ca75
	Boiko, Y.I., Bogdanov, V.V. , Khadzha, G.Ya., Savich, S.V., Vovk, R.V.	Single-file diffusion of oxygen ions in YBa ₂ Cu ₃ O _{7-x} compound (2016) Fizika Nizkikh Temperatur, 42 (10), pp. 1192-1197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989237433&partnerID=40&md5=ea3e14ae0da8f77f8150564b3794b00
	Kononenko, V.G., Bogdanov, V.V. , Volosyuk, M.A., Volosyuk, A.V.	Interdiffusion under pressure in KBr-KCl single-crystals system (2016) Functional Materials, 23 (2), pp. 158-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976431034&doi=10.15407%2Ffmm23.02.158&partnerID=40&md5=8e36d9dad78570f7878f9b2ca85b97bc
	Kononenko, V.G., Bogdanov, V.V. , Turenko, A.N., Volosyuk, M.A., Volosyuk, A.V.	The role of crowdion mass transfer in relaxation processes near hard concentrators (2016) Problems of Atomic Science and Technology, 104 (4), pp. 15-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988649375&partnerID=40&md5=3ad4a43be9af199bd01baf1ede80b
	Paritskaya, L.N., Kaganovskii, Y., Bogdanov, V.V.	Intermetallic growth: Structure-sensitive effects (2010) Defect and Diffusion Forum, 297-301, pp. 567-572.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952303197&doi=10.4028%2Fwww.scientific.net%2FDF.297-301.567&partnerID=40&md5=68c12164e91619fbbf6bc4dd618168
	Kaganovskii, Yu., Paritskaya, L.N., Bogdanov, V.V.	Grain boundary induced lateral propagation of intermetallic phases in nano-grained Cu-Sn thin film couples (2009) Journal of Nano Research, 7, pp. 59-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74949136882&doi=10.4028%2Fwww.scientific.net%2FJNANO.7.59&partnerID=40&md5=9dd1ca0be7dfb054226bb61c0c8cd9
	Kaganovskii, Yu.S., Paritskaya, L.N., Bogdanov, V.V.	Lateral propagation of intermetallic phases in coarse- and nano-grained Cu/Sn diffusion couples (2008) Powder Metallurgy and Metal Ceramics, 47 (11-12), pp. 652-659.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63349104057&doi=10.1007%2F11106-009-9074-2&partnerID=40&md5=ef0f63934884f7a4d9065a087e7b0

Kaganovskii, Yu., Paritskaya, L.N., Bogdanov, V.V.	Lateral diffusion spreading of two competitive intermetallic phases over free surface (2008) Defect and Diffusion Forum, 277, pp. 9-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45849138553&doi=10.4028%2F3-908451-55-8.9&partnerID=40&md5=fdaec73ea75dc937f22d21f34a0e4f
Kaganovskii, Yu., Paritskaya, L.N., Bogdanov, V.V. , Lojkowski, W.	Stress relaxation mechanisms during Cd21Ni5 intermetallic growth under high hydrostatic pressure (2007) Defect and Diffusion Forum, 264, pp. 123-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249984967&doi=10.4028%2F3-908451-41-8.123&partnerID=40&md5=8678256c8536c034839101fd83c20f4c
Lyashenko, Y.A., Bogdanov, V.V.	Inverse T-sample method of determination of the interdiffusion coefficients in the Cu-Ni-Sn system (2005) Defect and Diffusion Forum, 237-240 (PART 1), pp. 224-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30844436142&partnerID=40&md5=5b761685c137ca63f69ffa86220c453e
Paritskaya, L.N., Bogdanov, V.V. , Kaganovskii, Yu., Lojkowski, W.	Kinetics of competitive phase growth in Cu-Ni-Sn system (2005) Defect and Diffusion Forum, 237-240 (PART 2), pp. 849-854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30744478920&partnerID=40&md5=540bf99529c5fa52df1c73ea12e540f0
Kornienko, S.V., Paritskaya, L.N., Bogdanov, V.V.	"Up-hill" interdiffusion and accompanying effects in ternary Cu-Ni-5 at. % Sn(In) systems (2005) Defect and Diffusion Forum, 237-240 (PART 1), pp. 456-461.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30744441417&partnerID=40&md5=29ea5dab4b4a8aeabc881f1ad5d199c
Paritskaya, L.N., Kaganovskii, Yu., Bogdanov, V.V.	Size-dependent interdiffusion in nanomaterials (2005) Solid State Phenomena, 101-102, pp. 123-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27744575522&partnerID=40&md5=da6bc52752e954c8cc78a0b3f255ee38
Paritskaya, L.N., Bogdanov, V.V. , Kaganovskii, Yu.S.	Stress effects in kinetics of intermetallic growth (2003) Defect and Diffusion Forum, 216-217, pp. 35-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038741731&partnerID=40&md5=274847b0b4c5d811b062d0ba0f42b16e
Paritskaya, L.N., Kaganovskii, Y., Bogdanov, V.V.	Size-dependent diffusion penetrability of nanomaterials (2003) Solid State Phenomena, 94, pp. 25-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345415467&partnerID=40&md5=71d03dfb3c46e460e9d60bc53d35d6e
Paritskaya, L.N., Kaganovskii, Yu.S., Bogdanov, V.V. , Lojkowski, W.	Intermetallic growth under high hydrostatic pressures (2002) Defect and Diffusion Forum, 208-209, pp. 151-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036432743&partnerID=40&md5=252e86f26651ee90fa989bbae22e3163
Paritskaya, L.N., Bogdanov, V.V. , Kaganoskii, Y., Gust, W.	Grain boundary channel formation during interdiffusion in alloys (2002) Interface Science, 10 (4), pp. 297-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036915330&doi=10.1023%2F1a%3a1020833713799&partnerID=40&md5=5d909d318f445fd1d600c848a8c6c12
Porowski, S., Grzegory, I., Kolesnikov, D., Lojkowski, W., Jager, V., Jager, W., Bogdanov, V. , Suski, T., Krukowski, S.	Annealing of GaN under high pressure of nitrogen (2002) Journal of Physics Condensed Matter, 14 (44 SPEC ISS.), pp. 11097-11110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037064795&doi=10.1088%2F0953-8984%2F14%2F44%2F433&partnerID=40&md5=63efb94e35070450eff34112176fcd54
Paritskaya, L.N., Kaganovskii, Yu.S., Bogdanov, V.V.	Kinetics and mechanisms of intermetallic growth by bulk and surface interdiffusion (2001) Metal Physics and Advanced Technologies, 19 (2), pp. 241-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035765448&partnerID=40&md5=efc63ca3a5696c6c5a67abd2570fb4eb
Kaganovskii, Yu.S., Paritskaya, L.N., Bogdanov, V.V. , Lojkowski, W., Kolesnikov, D., Presz, A.	Surface diffusion intermetallic growth under elevated hydrostatic pressure (2001) Defect and Diffusion Forum, (194-199 PART 2), pp. 1545-1550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035780504&partnerID=40&md5=54ade149ebfa11a546d3c426e0292aa0
Paritskaya, L.N., Bogdanov, V.V. , Kaganovskii, Yu.S., Lojkowski, W., Kolesnikov, D., Presz, A.	The kinetics of Cd18Cu6 inter-metallic growth under elevated hydrostatic pressure (2001) Defect and Diffusion Forum, (194-199 PART 2), pp. 1539-1544.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035780922&partnerID=40&md5=410693cb59fc726415d8bc60cca0d0a0
Paritskaya, L.N., Bogdanov, V.V. , Maslov, M.V., Kaganovskii, Yu.S., Lojkowski, W., Kolesnikov, D.	Kinetics of phase formation during interdiffusion in the ternary system Ni-Cu-5 at.% Sn (2001) Metal Physics and Advanced Technologies, 19 (2), pp. 381-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035767476&partnerID=40&md5=f689f6bbf75da48f0d23c672e7024a36
Paritskaya, L.N., Bogdanov, V.V. , Kaganovskii, Yu.S., Lojkowski, W., Jun, J., Presz, A.	Kinetics of the Cd21Ni5 intermetallic growth under high hydrostatic pressure (2000) Interface Science, 8 (1), pp. 77-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033707038&doi=10.1023%2F1a%3a1008739521785&partnerID=40&md5=80a715ebd56a91de698f395bd917f308
Paritskaya, L.N., Kaganovskii, Yu.S., Bogdanov, V.V.	Kinetics and mechanisms of intermetallic growth by bulk and surface interdiffusion (1999) Metallofizika i Noveishie Tekhnologii, 21 (2), pp. 26-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011434727&partnerID=40&md5=20505e1fb8f9b031dde2b767eca08f59
Paritskaya, L.N., Bogdanov, V.V. , Kaganovskii, Yu.S., Lojkowski, W., Jun, J., Presz, A.	Kinetics of intermetallic growth under high pressure (1999) Diffusion and Defect Data. Pt A Defect and Diffusion Forum, 175-176, pp. 1-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033355134&partnerID=40&md5=46989460c3b7362bf65ab7ef02b9717
Paritskaya, L.N., Bogdanov, V.V. , Maslov, M.V., Kaganovskii, Yu.S., Lojkowski, W., Kolesnikov, D.	Kinetics of phase formation during interdiffusion in the ternary system Ni-Cu-5 at.% Sn (1999) Metallofizika i Noveishie Tekhnologii, 21 (2), pp. 107-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344493366&partnerID=40&md5=b5edf748a3b12b6e7d3d478d531710c
Kaganovskii, Yu.S., Paritskaya, L., Bogdanov, V. , Maslov, M., Gust, W., Lojkowski, W.	Evolution of pore ensembles located at the grain boundaries in Cu and Cu-5 at.% Sn (1998) Interface Science, 6 (4), pp. 299-305.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343886015&partnerID=40&md5=60dfa0f43e5a6c2770e78c816f1657e9
Kaganovskii, Yu.S., Paritskaya, L.N., Bogdanov, V.V. , Grengo, A.O.	Intermetallic phase formation during diffusion along a free surface (1997) Acta Materialia, 45 (9), pp. 3927-3934.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031233793&partnerID=40&md5=c250a699f535f66359b35b1d6d4e9060
Paritskaya, L.N., Bogdanov, V.V.	Kinetic peculiarities of Cd21Ni5 intermetallic growth (1997) Defect and Diffusion Forum, 143-147, pp. 615-620.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042914794&partnerID=40&md5=a7a5f3d391765cb544cb4b49afca77a2
Paritskaya, L.N., Bogdanov, V.V.	Interfacial diffusion effects and non-stability of disperse layered structures (1996) Materials Research Society Symposium - Proceedings, 434, pp. 127-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030420665&partnerID=40&md5=c79a1ef44f60c7db8e890bf674a9d3ad
Paritskaya, L.N., Bogdanov, V.V.	Stress-sensitive effects in diffusion zone (1996) Defect and Diffusion Forum, 129-130, pp. 79-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243314480&partnerID=40&md5=481856dd8a6fd7118f80f83e52627a3
Paritskaya, L.N., Kaganovskii, Yu.S., Bogdanov, V.V. , Kulik, A.P., Yurchenko, S.P., Zagoskin, V.T., Kvichko, L.A., Kotok, L.A.	Mechanism and kinetics of sintering of nonstoichiometric Y-Ba-Cu-O powders (1995) Powder Metallurgy and Metal Ceramics, 33 (9-10), pp. 453-457.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249755590&doi=10.1007%2F100559526&partnerID=40&md5=226e7ba48d7a24c25d4669de09d34501
Kaganovskii, Yu.S., Paritskaya, L.N., Bogdanov, V.V. , Kulik, A.P., Mateichenko, P.V., Rozenberg, G.Kh., Yurchenko, S.P.	Diffusional segregation in sintering of Y-Ba-Cu-O powders (1995) Powder Metallurgy and Metal Ceramics, 33 (7-8), pp. 375-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249757656&doi=10.1007%2F100559583&partnerID=40&md5=e026c245c622d20d4d8a2e1dd0914f88
Paritskaya, L.N., Bogdanov, V.V.	Effect of low hydrostatic pressure on migration of interphase boundaries in discontinuous breakdown (1995) Powder Metallurgy and Metal Ceramics, 33 (5-6), pp. 219-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249761324&doi=10.1007%2F100560185&partnerID=40&md5=cb6828d7a1ac461714ec7ca11a99e888
Bogdanov, V.V. , Kibets, V.I., Paritskaya, L.N., Puzanova, A.A., Sorokina, E.P., Chekanov, M.I.	Effect of low hydrostatic pressures on the diffusional phase transformation in dispersed multilayered systems (1994) Powder Metallurgy and Metal Ceramics, 32 (11-12), pp. 882-886.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249766904&doi=10.1007%2F100559641&partnerID=40&md5=b5e74dfc0cdbc91a92f865dc88ef28
Paritskaya, I.N., Kaganovskij, Yu.S., Bogdanov, V.V.	Sintering mechanism and kinetics for nonstoichiometric powders Y-Ba-Cu-O (1994) Poroshkovaya Metallurgiya, (9-10), pp. 11-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028505594&partnerID=40&md5=98e221b3929c2dd2064c955da8764d0
Bogdanov, V.V. , Kibets, V.I., Paritskaya, L.N., Puzanova, A.A., Sorokina, E.P., Chekanov, M.I.	The effect of low hydrostatic pressures on diffusion phase formation in disperse multilayer systems (1993) Poroshkovaya Metallurgiya, (11-12), pp. 27-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027695678&partnerID=40&md5=44c3634ee6322612a485398c1d640c5
Bogdanov, V.V. , Kibets, V.I., Paritskaya, L.N., Puzanova, A.A., Sorokina, E.P., Chekanov, M.I.	Effect of Low Hydrostatic Pressures on Phase Formation in the Dispersed Multilayer System Ni _{1-x} Al _x (1993) physica status solidi (a), 136 (1), pp. 81-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990673031&doi=10.1002%2Fpsa.221136109&partnerID=40&md5=aabe6844eac30c8e04c3a9b7bbd6fd266

	Bogdanov, V.V. , Kibets, V.I., Kufterina, E.P., Paritskaya, L.N., Puzanova, A.A., Stepanov, V.N., Chekanov, M.I.	Features of formation and growth of phases in dispersed multilayer systems (1992) Soviet Powder Metallurgy and Metal Ceramics, 31 (5), pp. 433-437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249839437&doi=10.1007%2FBF00796255&partnerID=40&md5=1d7bca2e000b55a11dec6195d31765
	Bogdanov, V.V. , Lysenko, V.V., Paritskaya, L.N.	Diffusion-induced decomposition of dispersed layered structures in the process of low-temperature homogenization (1990) Physics of Metals and Metallography, 69 (4), pp. 115-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025532408&partnerID=40&md5=cc6b404b848735c16df028d273b82e61
	Bogdanov, V.V. , Paritskaya, L.N.	Kinetics of low-temperature homogenization in fine powder systems (1990) Soviet Powder Metallurgy and Metal Ceramics, 29 (1), pp. 14-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025444626&doi=10.1007%2FBF00796083&partnerID=40&md5=16c26bd9d4671cb5e506c51f7bcf1aff
	Geguzin, Ya.E., Bogdanov, V.V. , Paritskaya, L.N.	Directional diffusional mass transport in porous structures (1989) Soviet Powder Metallurgy and Metal Ceramics, 28 (9), pp. 692-696.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025382960&doi=10.1007%2FBF00797527&partnerID=40&md5=b5d7fda6f2a322feca88c4ca0af91ced
	Geguzin, Ya.E., Makarovskii, N.A., Bogdanov, V.V. , Novikov, V.I.	Two-dimensional sintering (disintegration of porous thin-film coatings from ultrafine powders) (1984) Soviet Powder Metallurgy and Metal Ceramics, 23 (9), pp. 671-673.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021488035&doi=10.1007%2FBF00796624&partnerID=40&md5=fffe6a95d46ea9069331b9e475deefb6
	Geguzin, Ya.E., Makarovskii, N.A., Bogdanov, V.V. , Vodkin, P.V., Zavizion, V.V.	Sintering of ultrafine powders under conditions of heating (1984) Soviet Powder Metallurgy and Metal Ceramics, 23 (8), pp. 602-605.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021474524&doi=10.1007%2FBF00796624&partnerID=40&md5=c224b3ee2f94636577189d528d6a7cbd
	Geguzin, Ya.E., Makarovskii, N.A., Bogdanov, V.V.	Characteristics of the sintering mechanism of compacts from ultrafine powders (1984) Soviet Powder Metallurgy and Metal Ceramics, 23 (6), pp. 457-460.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021437775&doi=10.1007%2FBF00794667&partnerID=40&md5=a54d7f4cbcf4ca2eb78869567a601fe8
	Geguzin, Ya.Ye., Paritskaya, L.N., Bogdanov, V.V. , Novikov, V.I.	ON FEATURES OF THE RECRYSTALLIZATION OF ULTRAFINE POWDERS DURING SINTERING. (1983) Physics of Metals and Metallography, 55 (4), pp. 131-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020929922&partnerID=40&md5=e44787ac3deba757054c948d7efe39e
	Paritskaya, L.N., Bogdanov, V.V.	PECULIARITIES OF THE FORMATION OF AN INTERMETALLIC CONSTITUENT IN A BRITTLE MATRIX AS A RESULT OF MUTUAL DIFFUSION (SYSTEM Al-Sb). (1981) Physics of Metals and Metallography, 51 (2), pp. 127-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019754533&partnerID=40&md5=3fe60527ebef14bdd538deab8761e4
	Geguzin, Ya.Ye., Makarovskiy, N.A., Bogdanov, V.V.	INVESTIGATION OF THE "KNOB" MECHANISM OF DIFFUSION DECOMPOSITION OF A THIN POLYCRYSTALLINE FILM ON A SOLID SUBSTRATE. (1978) Phys Met Metallogr, 45 (2), pp. 101-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018062463&partnerID=40&md5=ca911291e99c997bbf10d88e6b351d0d
	Geguzin, Ya.Ye., Makarovskiy, N.A., Bogdanov, V.V.	RECRYSTALLIZATION FEATURES OF THIN POLYCRYSTALLINE FILMS ON A SOLID SUBSTRATE. (1977) Phys Met Metallogr, 44 (2), pp. 85-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017562375&partnerID=40&md5=17b6d67cc22c2e19ea763ff93aa6f1d
	Geguzin, Ya.Ye., Makarovskiy, N.A., Bogdanov, V.V.	PEELING OF SOLID PHASE COATINGS FROM A SOLID BASE. (1976) Physics of Metals and Metallography, 42 (3), pp. 93-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017204136&partnerID=40&md5=9f09a5783682f1651aef9aa6b9c71e97
	Bozhkov, A.I. , Nikitchenko, Y.V., Klimova, E.M., Linkevych, O.S., Lebid, K.M., Al-Bahadli, A.M.M., Alsardā, M.M.A.	Young and old rats have different strategies of metabolic adaptation to Cu-induced liver fibrosis (2017) Advances in Gerontology, 7 (1), pp. 41-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017550637&doi=10.1134%2FS2079057017010040&partnerID=40&md5=8528ec0bf3021fc359a1265e0fdbc77
51	Bozhkov, A.I. , Menzyanova, N.G., Davydov, V.V., Kurguzova, N.I., Sidorov, V.I., Vasilieva, A.S.	Liver regeneration is associated with lipid reorganization in membranes of the endoplasmic reticulum (2016) Frontiers in Biology, 11 (5), pp. 396-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989172152&doi=10.1007%2Fs11515-016-1420-4&partnerID=40&md5=41b3a71c29d15086e68a561fa028e591
	Bozhkov, A.I. , Nikitchenko, Y.	Thermogenesis and longevity in mammals. Thyroxin model of accelerated aging (2014) Experimental Gerontology, 60, pp. 173-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84909631237&doi=10.1016%2Fj.exger.2014.10.017&partnerID=40&md5=5ad62bf16ab45d20405a43b857dea0c5
	Bozhkov, A.I. , Sidorov, V.I., Kurguzova, N.I., Dlubovskaia, V.L.	[Metabolic memory enhances hormesis effect to the copper ions in age-dependent manner]. (2014) Advances in gerontology = Uspekhi gerontologii / Rossiiskai{combining double inverted breve}a akademii{combining double inverted breve}a nauk, Gerontologicheskoe obshchestvo, 27 (1), pp. 72-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907218120&partnerID=40&md5=d3aef5e0f3d734ecc0bd2c92ddd32bfa
	Bozhkov, A.I. , Kurguzova, N.I., Krivoruchko, T.V., Lebed', E.N., Mikhailets, A.O., Danladi, S.D., Bozhkov, A.A., Girich, M.S.	[Cyclic feeding regime—a new model for experimental gerontology] (2014) Advances in gerontology = Uspekhi gerontologii / Rossiiskaiā akademiā nauk, Gerontologicheskoe obshchestvo, 27 (2), pp. 328-335.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925545473&partnerID=40&md5=64e66e0dfc9e2b39c337c7f5fa26f2d7
	Bozhkov, A.I. , Kurguzova, N.I., Krivoruchko, T.V., Lebed', E.N., Mikhailets, A.O., Danladi, S.D., Bozhkov, A.A., Girich, M.S.	A cyclic feeding regime: A new model in experimental gerontology (2014) Advances in Gerontology, 4 (4), pp. 252-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920285644&doi=10.1134%2FS2079057014040079&partnerID=40&md5=d18a68b1d0402b521632e6cc4d9c9f4f
	Bozhkov, A.I. , Kuznetsova, Y.A., Menzyanova, N.G., Kovaleva, M.K.	The role of root border cells in the formation of a root-microenvironment system in wheat seedlings (2013) From Seed Germination to Young Plants: Ecology, Growth and Environmental Influences, pp. 75-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895258061&partnerID=40&md5=54b76c19794412249e5c94ac6dd8142e
	Bozhkov, A.I. , Sysenko, E.I., Menzyanova, N.G., Kizilova, V.Y.	Dynamics of functional epigenotypes of Dunaliella viridis teodor. (Chlorophyta) in enrichment and quasi-continuous culture (2013) International Journal on Algae, 15 (4), pp. 378-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888105800&doi=10.1615%2FinterJAlgae.v15.i4.50&partnerID=40&md5=a5517614bee9c2a788b699f4f99a370
	Rostama, S., Bozhkov, A.I. , Goltvianskiy, A.V.	The effect of copper, lead, and cadmium ions on induced aggregation in cells of dunaliella viridis (teodor.) (chlorophyta) (2012) International Journal on Algae, 14 (2), pp. 136-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861918554&doi=10.1615%2FinterJAlgae.v14.i2.30&partnerID=40&md5=094aa29d335020134dbdb18ad081b804
	Kovaleva, M.K., Menzyanova, N.G., Jain, A., Yadav, A., Flora, S.J.S., Bozhkov, A.I.	Effect of hormesis in Dunaliella viridis teodor. (Chlorophyta) under the influence of copper sulfate (2012) International Journal on Algae, 14 (1), pp. 44-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861397489&doi=10.1615%2FinterJAlgae.v14.i1.40&partnerID=40&md5=1328afc81213ab3ed47e15d58ecdf67
	Bozhkov, A.I. , Kovaleva, M.K., Menzyanova, N.G.	Is it possible "to cancel" the aging process of cell cultures under optimal cultivation conditions? (2011) Advances in Gerontology, 1 (4), pp. 284-294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873634665&doi=10.1134%2FS2079057011040047&partnerID=40&md5=85a0b0e84501ddb53ccc020c93b97313
	Bozhkov, A.I. , Kovaleva, M.K., Menzianova, N.G.	[Is it possible to "cancel" aging process of cell cultures under optimal conditions for cultivation?]. (2011) Advances in gerontology = Uspekhi gerontologii / Rossiiskaiā akademiā nauk, Gerontologicheskoe obshchestvo, 24 (1), pp. 26-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052403961&partnerID=40&md5=dc4d1e8c4a81875b7eba9cbe2550c531
	Bozhkov, A.I. , Menzyanova, N.G., Sedova, K.V., Goltvianskiy, A.V.	The influence of high temperature on cells of Dunaliella viridis (teod.) (chlorophyta) sensitive and resistant to copper ions (2011) International Journal on Algae, 13 (3), pp. 203-222.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960066909&doi=10.1615%2FinterJAlgae.v13.i3.10&partnerID=40&md5=cb4550c84a973e1d457e0e9e4807b7f6
	Jain, A., Yadav, A., Bozhkov, A.I. , Padalko, V.I., Flora, S.J.S.	Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats (2011) Ecotoxicology and Environmental Safety, 74 (4), pp. 607-614.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7995521403&doi=10.1016%2Fj.ecoenv.2010.08.002&partnerID=40&md5=7c62fd8642097c082deef22177a3522
	Bozhkov, A.I. , Dlubovskaya, V.L., Dmitriev, Y.V., Meshalkina, N.I., Maleev, V.A., Klimova, E.M.	Supposed role of "metabolic memory" in formation of response reaction to stress factors in young and adult organisms (2011) Advances in Gerontology, 1 (1), pp. 63-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873644292&doi=10.1134%2FS2079057011010048&partnerID=40&md5=22f8085f114b0d390cd0768a8467ec2
	Bozhkov, A.I. , Padalko, V., Dlubovskaya, V., Menzianova, N.	Resistance to heavy metal toxicity in organisms under chronic exposure (2010) Indian Journal of Experimental Biology, 48 (7), pp. 679-696.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954251693&partnerID=40&md5=60e86935a024b4d176ed047ac2b797e0
	Bozhkov, A.I. , Sidorov, V.I., Dlubovskaya, V.L., Shevtsova, M.Y., Surov, Y.N.	Appearance of the imprinting effect on the specific pattern of intracellular distribution of copper ions in the liver after exposure to high concentrations of copper sulfate (2010) Biomeditsinskaya Khimiya, 56 (2), pp. 195-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953016635&partnerID=40&md5=0c33e0d2c31c5449d89fe2dc5b47a991

	Bozhkov, A.I. , Menzianova, N.C.	Calorie restricted diet induces alternative pathways of lipid metabolism for support of proliferative processes in regenerating liver. (2009) Advances in gerontology = Uspekhi gerontologii / Rossiiskaia akademiia nauk, Gerontologicheskoe obshchestvo, 22 (3), pp. 440-447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954628124&partnerID=40&md5=e18f233b46893fd9a5a39872fcc44d0
	Bozhkov, A.I. , Dlubovskaia, V.L., Dmitriev, I.V., Meshaikina, N.I., Maleev, V.A., Klimova, E.M.	Supposed role of "metabolic memory" in formation of response reaction to stress-factors in young and adult organisms (2009) Advances in gerontology = Uspekhi gerontologii / Rossiiskaia akademiia nauk, Gerontologicheskoe obshchestvo, 22 (2), pp. 259-268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950403322&partnerID=40&md5=6484ba31d0ef86e39346b5d5cc6f0e98
	Bozhkov, A.I. , Menzianova, N.G., Kovalyova, M.K.	Seasonal peculiarities of the epigenotype formation in the copper-sensitive and copper-resistant strains of <i>Dunaliella viridis</i> Teod. in the process of accumulative cultivation (2009) International Journal on Algae, 11 (2), pp. 128-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68149142547&doi=10.1615%2finterJAlgae.v11.i2.30&partnerID=40&md5=ce9ec0bac703a75f8078fd429de8a687
	Bozhkov, A.I. , Kuznetsova, Y.A., Menzianova, N.G.	Effect of sodium fluoride on the root apex border cells in one-day-old wheat seedlings (2009) Russian Journal of Plant Physiology, 56 (4), pp. 480-487.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349684733&doi=10.1134%2fS1021443709040062&partnerID=40&md5=52dc019dd80d03c5acd10735890ad94
	Bozhkov, A.I. , Kuznetsova, Yu.A., Menzianova, N.G.	Interrelationship between the growth rate of wheat roots, their excretory activity, and the number of border cells (2007) Russian Journal of Plant Physiology, 54 (1), pp. 97-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846057728&doi=10.1134%2fS1021443707010141&partnerID=40&md5=a632012fb6e2ec5640af63ec0bd90a6b
	Bozhkov, A.I. , Dlubovskaia, V.L., Maleev, V.A., Dmitriev, I.V., Beletskiaia, L.B.	The growth constraining diet causes various strategy of adaptation in young and adult animals (2006) Advances in gerontology = Uspekhi gerontologii / Rossiiskaia akademiia nauk, Gerontologicheskoe obshchestvo, 19, pp. 36-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39049182331&partnerID=40&md5=c251594820bb26e445fab2eeac69c271
	Bozhkov, A.I. , Maleev, V.A.	Does the liver ability to regeneration decrease with age? The dynamics of functional activity of mitochondria in process of the liver regeneration [Snizhaetsia li sposobnost' pecheni k regeneratsii s vozrastom? Dinamika funktsional'noi aktivnosti mitokhodrii v protsesse regeneratsii pecheni.] (2004) Advances in gerontology = Uspekhi gerontologii / Rossiiskaia akademiia nauk, Gerontologicheskoe obshchestvo, 13, pp. 58-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21644477134&partnerID=40&md5=97d0c942d6c8b5dfabc1e0b730800933
	Davydov, V.V., Dobaeva, N.M., Bozhkov, A.I.	Possible role of alteration of aldehyde's scavenger enzymes during aging (2004) Experimental Gerontology, 39 (1), pp. 11-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347316422&doi=10.1016%2fj.exger.2003.08.009&partnerID=40&md5=5573c8d1327bc8b769fdb070d2a12eed
	Dayydiv, V.V., Bozhkov, A.I.	The metabolism of exogenous aldehydes: Their participation in the realization of oxidative stress damage effect and its age- dependent aspects (2003) Biomeditsinskaya Khimiya, 49 (4), pp. 374-387.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347062157&partnerID=40&md5=b3b3d46c2ca4825e00888636d763580
	Boiko, N.I., Bozhkov, A.I.	Influence of combination of high-voltage pulses and other physical factors on the intensity of <i>Anabaena flos aquae</i> reproduction (2002) Biofizika, 47 (3), p. 538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040027139&partnerID=40&md5=355ce709d05a7cefac0356ae0b86fc2b
	Boiko, N.I., Bozhkov, A.I.	Effect of combination of high-voltage pulses and other physical factors on the intensity of reproduction of <i>Anabaena flos aquae</i> [Vlianie kompleksa vysokovo'lnykh impuls'ov i drugikh fizicheskikh faktorov na intensivnost' razmnozheniia <i>Anabaena flos aquae</i> .] (2002) Biofizika, 47 (3), pp. 531-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036560543&partnerID=40&md5=ae10efb2efaa0a4b09ca8a2b7ca57b
	Ochenashko, O.V., Bozhkov, A.I. , Petrenko, A.I.	Effect of human fetal liver cells on the rate of DNA and mRNA synthesis in regenerating rat liver [Vlianie émbriional'nykh kletok pecheni cheloveka na sintez DNK i iaRNK v regeneriruiushchei pecheni krys.] (2002) Ukrainskii biokhimicheskii zhurnal, 74 (3), pp. 25-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0642313449&partnerID=40&md5=223ed0249c5e28fd75d4c3fe0b197fd
	Gordienko, A.D., Bozhkov, A.I.	The pharmacokinetics of lipophen, a new combined hepatoprotector of natural origin (2001) Eksperimental'naya i Klinicheskaya Farmakologiya, 64 (1), p. 67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042696276&partnerID=40&md5=caa8fde6d4a3ef26613fea26e7880d8d
	Bozhkov, A.I.	A low-calories diet as a model of life span expansion and study of mechanisms of aging [Nizkokaloriinaia dieta kak model' uvelicheniia prodolzhitel'nosti zhizni i issledovaniia mekhanizmov stareniiia.] (2001) Advances in gerontology = Uspekhi gerontologii / Rossiiskaia akademiia nauk, Gerontologicheskoe obshchestvo, 8, pp. 89-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035233136&partnerID=40&md5=5e3f311bccc7124d5e7c5f61ab3abbaa
	Gordienko, A.D., Bozhkov, A.I.	Pharmacokinetics of lipophen--a novel combined phospholipid liver protective agent of natural origin [Farmakokinetika lipofena--novogo kombinirovannogo fosfolipidnogo hepatoprotektora prirodnogo proiskhozhdeniia.] (2001) Eksperimental'naia i klinicheskaia farmakologiya, 64 (1), pp. 66-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035231442&partnerID=40&md5=4484bc3fdbabe0986bcc6c283d90ac19c
	Bozhkov, A.I.	Three dose-dependent stages of the effect of copper ions on functional activity of biological systems (1997) Biochemistry (Moscow), 62 (2), pp. 149-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031063034&partnerID=40&md5=a9d0fd8f7519f68384a647ee76c1ecaa
	Bozhkov, A.I. , Shevtsova, M.Ya., Malyshev, A.B., Shentseva, E.A.	Mechanism of induced resistance to protein inhibitors of proliferation (1997) Biochemistry (Moscow), 62 (7), pp. 793-800.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031173693&partnerID=40&md5=197f567b5c9a615250bfe92d31d2055d1
	Sukach, A.N., Bozhkov, A.I. , Menzianova, N.C., Sklyar, O.I., Belous, A.M.	Isolation of Two Fraction of Hepatocytes and Characteristics of Their Lipid Composition (1997) Ukrain'skyi Biokhimichnyi Zhurnal, 69 (4), p. 60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347108052&partnerID=40&md5=5bf09dc92865497817d63dabf308cc53
	Sukach, A.N., Bozhkov, A.I. , Menzianova, N.G., Skliar, A.I., Belous, A.M.	Isolation of two fractions of hepatocytes and characterization of their lipid composition [Vydelenie dvukh fraktsii hepatotsitov i kharakteristika ikh lipidnogo sostava.] (1997) Ukrainskii biokhimicheskii zhurnal, 69 (4), pp. 53-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031175134&partnerID=40&md5=cca5ee424001d1c787c37b2bb1772249
	Bozhkov, A.I. , Menzianova, N.G., Leontovich, V.P.	Lipid composition and antibacterial activity of root exudates secreted by wheat seedlings (1996) Russian Journal of Plant Physiology, 43 (6), pp. 795-799.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030494466&partnerID=40&md5=082e8771868cd8efe20fe5670b569664
	Bozhkov, A.I. , Dlubovskaia, V.L.	Accumulation of lipids in hepatocyte cytosol after local hyperthermia and partial hepatectomy [Nakoplenie lipidov v tsitozole kletok pecheni posle lokal'noi gipertermii i chastichnoi gepatektomii.] (1995) Biokhimiia (Moscow, Russia), 60 (11), pp. 1816-1824.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029398541&partnerID=40&md5=d346c4643afb53cf55d1fbb5e7263a
	Menzeleev, R.F., Bozhkov, A.I. , Zvonkova, E.N., Krasnopolskii, I.M., Shvets, V.I.	Intensification of liver cell division by ganglioside GM3 [Usilenie proliferatsii kletok pecheni gangliozidom GM3.] (1995) Byulleten Eksperimental'noi Biologii i Meditsiny, 119 (4), pp. 427-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029286285&partnerID=40&md5=2e2cdcfec0af1c1aa233892c84f2406b8
	Menzeleev, R.F., Bozhkov, A.I. , Zvonkova, E.N., Krasnopolskii, Yu.M., Shvets, V.I.	Enhancement of liver cell proliferation by GM3 ganglioside (1995) Bulletin of Experimental Biology and Medicine, 119 (4), pp. 414-417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51249169507&doi=10.1007%2fBF02445908&partnerID=40&md5=616ef0e9ca53244c47135ee283395
	Bozhkov, A.I. , Shentseva, E.A., Shevtsova, M.I., Malyshev, A.B., Skliar, A.I.	The effect of a chalone-containing fraction on passage of the S-phase of the cell cycle in regenerating liver [Vlianie keilonsoderzhashchei fraktsii na prokhozhenie S-perioda kletochnogo tsikla v regeneriruiushchei pecheni.] (1995) Biokhimiya, 60 (4), pp. 610-617.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029281179&partnerID=40&md5=b57a9e5ad3094a44c061bcdfe1460501
	Shereshevskaia, T.M., Bozhkov, A.I. , Khodorova, N.V.	Genetically caused temporal changes in nucleic acid content in rat thymus and spleen in experimental hepatitis [Geneticheski obuslovennye vremennye izmeneniia soderzhaniiia nukleinovykh kislot v timuse i selebenke krys pri éksperimental'nom gepatite.] (1993) Voprosy Meditsinskoj Khimii, 39 (3), pp. 38-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027603860&partnerID=40&md5=b60030b97110d3f8f8cd907627a06113

	Bozhkov, A.I. , Skliar, A.I.	Genetically induced temporal changes in RNA synthesis and transport in local hyperthermia of the liver [Geneticheskiy obuslovlennyye vremennyye izmeneniya sinteza i transporta RNK pri lokal'noy gipertemii pečeni.] (1993) Tsitologiya i genetika, 27 (2), pp. 58-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027566631&partnerID=40&md5=25767bdf2f8336d135821deb8d13c276
	Bozhkov, A.I. , Shereshevskaia, T.M.	The thermoresistance of the liver cell membranes of inbred and hybrid rats [Termorezistentnost' membran kletok pečeni lineinykh i gibridnykh kryss.] (1993) Tsitologiya i genetika, 27 (1), pp. 3-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027349004&partnerID=40&md5=9550e271b11bb8ae402b266275772d2c5
	Bozhkov, A.I. , Krasnopol'skii, I.M., Asadova, M.K., Mogilianskaia, S.M., Dlubovskaia, V.L., Menzeleev, R.F.	The effect of exogenous lipids on the functional activity of the liver in experimental hepatitis [Vlianie ékzogennykh lipidov na funktsional'nuu aktivnost' pečeni pri éksperimental'nom gepatite.] (1993) Voprosy Meditsinskoj Khimii, 39 (1), pp. 41-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027342654&partnerID=40&md5=22808078d3bbdbf65d8dde33c3a4a91a
	Bozhkov, A.I. , Dlubovskaia, V.L.	Lipid metabolism and structure-activity features of the endoplasmic reticulum membrane in regenerating rat liver [Lipidnyi obmen i strukturno-funktsional'nye osobennosti membran éndoplazmaticheskogo retikuluma regeneriruiushchei pečeni kryss.] (1992) Biokhimiya, 57 (1), pp. 8-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026483658&partnerID=40&md5=74b3f0d43c809b909295dc7c98f5512
	Usenko, E.V., Bozhkov, A.I. , Kaliman, P.A.	The effect of copper and insulin on nucleic acid and protein synthesis in Tetrahymena pyriformis cells under different functional conditions [Vlianie medi i insulina na sintez nukleinovyykh kislot i belka v kletka Tetrahymena pyriformis, nakhodiashchikhsia v razlichnykh funktsional'nykh sostoianiiakh.] (1991) Nauchnye doklady vysshe shkoly. Biologicheskie nauki, (12), pp. 34-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026267839&partnerID=40&md5=ea41987e8053b9e14e184f222ab1b418
	Bozhkov, A.I. , Abu-Bakari, A., Bogdanov, I.D., Kaliman, P.A.	Dynamics of RNA synthesis and transport into the intact and regenerating rat liver in the presence of sublethal doses of actinomycin D [Dinamika sinteza i transporta RNK v intaktnoi i regeneriruiushchei pečeni kryss na fone deistviia subletal'nykh doz aktinomitsina D.] (1991) Ukrainskii biokhimičeskii zhurnal, 63 (5), pp. 33-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026213280&partnerID=40&md5=ff63fe38c16b52e44a48d2ca5b558bd2
	Bozhkov, A.I. , Dlubovskaia, V.L., Nikitin, V.N.	The ratio of microsomal lipid synthesis and metabolism as a factor altering the structural state of membranes [Sootnoshenie sinteza i obmena lipidov mikrosom kak faktor, izmeniaiushchii strukturnoe sostoianie membran.] (1990) Doklady Akademii nauk SSSR, 315 (5), pp. 1260-1263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025667639&partnerID=40&md5=b625ad30952c24bc61832d84e915b2fe
	Bozhkov, A.I. , Gopkalov, V.G., Sklyar, A.I., Shereshevskaya Ts., M., Asadova, M.K.	Effect of amniocen and metabolism of nucleic acids in rat liver cells (1990) Voprosy Meditsinskoj Khimii, 36 (2), pp. 39-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025256427&partnerID=40&md5=50be9dab00b14d8a2e4a99e6655db3db
	Bozhkov, A.I. , Dlubovskaia, V.L., Shereshevskaia, T.M., Menzianova, N.G.	The genetic differences in the microsomal activity of rats [Geneticheskie razlichia v aktivnosti u kryss.] (1990) Tsitologiya i genetika, 24 (2), pp. 5-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025395205&partnerID=40&md5=e55de1fd269f83146e52573c913fde4d
	Shereshevskaya, T.M., Bozhkov, A.I. , Sklyar, A.I., Shakhbazov, V.G.	Effect of a new antiinflammatory preparation chlotozol on metabolism of nucleic acids in rat liver cells (1986) Voprosy Meditsinskoj Khimii, 32 (1), pp. 58-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022656538&partnerID=40&md5=53b582993ee33b6449be3134a693bc61
	Bozhkov, A.I. , Shereshevskaya Ts., M., Martynyuk, N.M., Shakhbazov, V.G.	Some peculiarities of gene expression in inbred and heterotic rats in the normalcy and after partial hepatectomy (1980) Biokhimiya, 45 (9), pp. 1696-1703.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019065981&partnerID=40&md5=b3cd55b7dd9a9cd51cf7caca9f3bfadad
	Bozhkov, A.I. , Shereshevskaya Ts., M., Martynyuk, N.N.	Age-dependent synthesis of nucleic acids and proteins in the livers of different lines of rats (1980) Biokhimiya, 45 (1), pp. 113-117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018910955&partnerID=40&md5=f98019dd0001d6ac0aa256eb5e7a1541
52	Grib, D.A., Sukharevsky, O.I. , Zalevsky, G.S.	Numerical modeling of ultrawideband signals scattered by low-altitude resonant targets (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724159, pp. 93-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000836771&doi=10.1109%2FuWBUSIS.2016.7724159&partnerID=40&md5=7b7187fb7be42eeb30b803b0591c67d1
	Sukharevsky, O.I. , Vasilets, V.A., Zalevsky, G.S.	Numerical methods for modeling of radar wideband signal scattering by aerial, ground and subsurface objects (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724146, pp. 36-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000400714&doi=10.1109%2FuWBUSIS.2016.7724146&partnerID=40&md5=9cee9cc4eb0330e1ff4a1d63b587f13
	Sukharevsky, O.I. , Vasilets, V.A., Nechitailo, S.V., Khlopov, G.I.	High-frequency methods for applied problems of electromagmnetic wave scattering (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538212, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988000618&doi=10.1109%2fMSMW.2016.7538212&partnerID=40&md5=d10f466db5c55bd615db0e0957275ac4
	Sukharevsky, O.I. , Nechitaylo, S.V., Khlopov, G.I., Voitovych, O.A.	Influence of the snow cover on radiation characteristics of reflector antennas (2015) Journal of Communications Technology and Electronics, 60 (6), pp. 594-602.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937441369&doi=10.1134%2fIS1064226915060157&partnerID=40&md5=a14ea148bc07d8d6c2f2881eeca073d6
	Sukharevsky, O.I. , Zalevsky, G.S.	Unified fast numerical algorithm for calculation of em field of dipole located at arbitrary distance from the boundary of dielectric media (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136793, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939447388&doi=10.1109%2fICATT.2015.7136793&partnerID=40&md5=cfecab087a6f7770fb2fbc1ca64821bf
	Sukharevsky, O.I. , Nechitaylo, S.V., Voitovych, O.A., Khlopov, G.I.	Radiation characteristics of single-dish antennas partially covered by a layer of water (2015) Radioelectronics and Communications Systems, 58 (2), pp. 61-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924300010&doi=10.3103%2fRS0735272715020028&partnerID=40&md5=67257ff4055492cd804d08755cdfdfa6
	Sukharevsky, O.I. , Vasilets, V.A., Nechitaylo, S.V.	Scattering characteristics computation method for corner reflectors in arbitrary illumination conditions (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136836, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939441585&doi=10.1109%2fICATT.2015.7136836&partnerID=40&md5=daedd0b4f4be337da7df062889e4df9c
	Sukharevsky, O.I. , Nechitaylo, S.V., Voitovych, O.A., Khlopov, G.I.	The influence of asymmetric water layer on the radiation characteristics of reflector antenna (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136835, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939455177&doi=10.1109%2fICATT.2015.7136835&partnerID=40&md5=8f052dc3de6045f0adaa04dbdca3f3de
	Sukharevsky, O.I. , Vasilets, V.A., Zalevsky, G.S.	Electromagnetic wave scattering by aerial and ground radar objects (2015) IEEE National Radar Conference - Proceedings, 2015-June (June), art. no. 7130989, pp. 162-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937960038&doi=10.1109%2fRADAR.2015.7130989&partnerID=40&md5=18892f7a4e944f72b886e03339b8b526
	Zalevsky, G.S., Sukharevsky, O.I.	Calculation of scattering characteristics of aerial radar objects of resonant sizes based on iterative algorithm (2014) Radioelectronics and Communications Systems, 57 (6), pp. 244-253.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904639066&doi=10.3103%2fRS0735272714060028&partnerID=40&md5=086c860bdec9548b449ea3e441599b6
	Zalevsky, G.S., Vasilets, V.A., Sukharevsky, O.I.	Iterative algorithm for calculation of scattering characteristics of aerial radar objects of resonant sizes with complex shape (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928731, pp. 109-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910073998&doi=10.1109%2fMMET.2014.6928731&partnerID=40&md5=5484ffe6b1db5b3129930af9d2d1ff64f
	Ryapolov, I., Sukharevsky, O. , Vasilets, V.	Radar cross-section calculation for unmanned aerial vehicle (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928747, pp. 258-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910030166&doi=10.1109%2fMMET.2014.6928747&partnerID=40&md5=095176cfff8ac0bb28a327082a036187a
	Zalevsky, G.S., Sukharevsky, O.I. , Vasilets, V.A., Nechitaylo, S.V.	Secondary radiation of resonance perfectly conducting objects (2014) Journal of Communications Technology and Electronics, 59 (12), pp. 1321-1332.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918511030&doi=10.1134%2fIS1064226914100106&partnerID=40&md5=01756e15f08f53ce51706c50123e94c9

	Sukharevsky, O. , Vasilets, V.	Transient electromagnetic scattering by aerial and ground objects (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622038, pp. 287-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8488617432&doi=10.1109%2FMSMW.2013.6622038&partnerID=40&md5=2fbaacb2b8144e6dd4965ff2a1e1da
	Sukharevsky, O.I. , Vasilets, V.A.	Mathematical modeling of radar range profiles of aerial objects (2013) Radioelectronics and Communications Systems, 56 (11), pp. 503-512.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891431625&doi=10.3103%2FIS0735272713110010&partnerID=40&md5=b794677d86b1682c32d6b214d059156
	Sukharevsky, O.I. , Vasilets, V.A.	Scattering of MiG-29 antenna with dielectric radome (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650725, pp. 202-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898605777&doi=10.1109%2FICATT.2013.6650725&partnerID=40&md5=826975c044ee9a0cafad4a9b206d59
	Zalevsky, G.S., Sukharevsky, O.I.	Secondary emission characteristics of resonant perfectly conducting objects of simple shape (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650706, pp. 145-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898663491&doi=10.1109%2FICATT.2013.6650706&partnerID=40&md5=4b0858a77913a64ac1b3b28e2b0a6fb2
	Sukharevsky, O.I. , Nechitaylo, S.V., Khlopov, G.I., Voitovich, O.A.	Precipitations influence on reflector antenna radiation characteristics (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650807, pp. 447-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898639490&doi=10.1109%2FICATT.2013.6650807&partnerID=40&md5=aac1a36cc3a50f9eb0b0ead38efa3587
	Sukharevsky, O. , Vasilets, V.	Transient electromagnetic scattering by simple shape objects with radioabsorbing coating (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331264, pp. 259-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870857662&doi=10.1109%2FMMET.2012.6331264&partnerID=40&md5=d7be527d6ebef3a82367e1092c46dd10
	Zalevsky, G.S., Brechka, M.M., Vasilets, V.A., Sukharevsky, O.I.	Calculation technique for modeling of secondary modulation spectra of a signals reflected by helicopters (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331264, pp. 435-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870777650&doi=10.1109%2FMMET.2012.6331264&partnerID=40&md5=9f78f422f893881225eed4deb39f305
	Nechitaylo, S., Sukharevsky, O. , Khlopov, G., Voitovich, O.	Method of pattern calculation for reflector antenna with surface partly covered by snow (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331252, pp. 308-311.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870836961&doi=10.1109%2FMMET.2012.6331252&partnerID=40&md5=894e176bf64bf88728235ac6f14da71
	Sukharevsky, O.I. , Vasilets, V.A., Zalevsky, G.S.	Wideband electromagnetic scattering by objects with radioabsorbing coating (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379743, pp. 91-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872229011&doi=10.1109%2FUWBUSIS.2012.6379743&partnerID=40&md5=ad03bf013dbc305b1dd80aac3aef0897
	Zalevsky, G.S., Muzychenko, A.V., Sukharevsky, O.I.	Method of radar detection and identification of metal and dielectric objects with resonant sizes located in dielectric medium (2012) Radioelectronics and Communications Systems, 55 (9), pp. 393-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869118526&doi=10.3103%2FIS0735272712090026&partnerID=40&md5=01d2ee202b706100a60c4fe24fe8e90d
	Sukharevsky, O. , Belevshchuk, Ya., Vasilets, V., Nechitaylo, S.	Radar cross-section calculation method for antenna of P-18 radar station (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611345, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649299066&doi=10.1109%2FMMET.2010.5611345&partnerID=40&md5=8c16a9eb0b2d684e6327bcb8cea5eb9e
	Zalevsky, G.S., Nechitaylo, S.V., Sukharevsky, O.I. , Sukharevsky, I.O.	EM wave scattering by perfectly conducting disk of finite thickness (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611388, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649240899&doi=10.1109%2FMMET.2010.5611388&partnerID=40&md5=3afa519b459d6d0d5e8e205a427ffb18
	Sukharevsky, O.I. , Zalevsky, G.S., Nechitaylo, S.V., Sukharevsky, I.O.	Simulation of scattering characteristics of aerial resonant-size objects in the VHF band (2010) Radioelectronics and Communications Systems, 53 (4), pp. 213-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952351377&doi=10.3103%2FIS0735272710040060&partnerID=40&md5=ddce6ee727f7e3b2c6778554463057c1
	Vasilets, V., Sukharevsky, O.	Calculation method for non-ideally conducting object with thin dielectric envelope (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580936, pp. 193-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749123100&doi=10.1109%2FMMET.2008.4580936&partnerID=40&md5=0ca3e9879fd59f2d74480080d1c6f898
	Zalevsky, G.S., Sukharevsky, O.I.	Numerical method of resonance-size air object scattering characteristic calculation based on integral equation solving (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580986, pp. 334-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749093305&doi=10.1109%2FMMET.2008.4580986&partnerID=40&md5=ae13bd823648972b38a301a3370ef72c
	Nechitaylo, S., Sukharevsky, I. , Altintas, A., Sukharevsky, O.	Numerical modeling of electromagnetic scattering by perfectly conducting surfaces of revolution (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4581022, pp. 438-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749118450&doi=10.1109%2FMMET.2008.4581022&partnerID=40&md5=5c5e55bc7013a44bf4db01213d10222c
	Nechitaylo, S., Sukharevsky, I. , Sukharevsky, O.	Mathematical simulation of radiation for reflector-type antenna with a non-planar edge (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580980, pp. 317-319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749094811&doi=10.1109%2FMMET.2008.4580980&partnerID=40&md5=f786216ffb98b802085c9a93bef8db1
	Sukharevsky, O.I. , Shramkov, A.Y.	High-frequency method of antenna directional pattern calculation (2007) Journal of Electromagnetic Waves and Applications, 21 (14), pp. 2009-2023.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36949000458&doi=10.1163%2F15693307783152858&partnerID=40&md5=1fcf93e4269a4ac3dbb1fb919600b406
	Sukharevsky, O.I. , Kukobko, S.V., Sazonov, A.Z., Nechitaylo, S.V.	Radiation field calculation of an antenna array with a dielectric nose radome (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (20), pp. 1845-1857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347336652&doi=10.1615%2FTelecomRadEng.v65.i20.20&partnerID=40&md5=4ba82419a36c37b942a5dea525db6da2
	Sukharevsky, O.I. , Zalevsky, G.S., Sazonov, A.Z.	Ultrawideband signal scattering from a wirelines buried in a ground (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099232, pp. 119-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249088338&doi=10.1109%2FUWBUSIS.2006.3071748&partnerID=40&md5=e989453a447e07ab97c7296011346242
	Sukharevsky, O.I. , Zalevsky, G.S., Sazonov, A.Z.	Electromagnetic wave scattering from a subsurface wirelines (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689757, pp. 245-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547316527&partnerID=40&md5=1c875389c4d28f1e41da5682bd70524c
	Vasilets, V., Sukharevsky, O. , Kukobko, S.	Scattering of reflector antenna with conic dielectric radome (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689732, pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547342721&partnerID=40&md5=ba9be1e3e5e725498f63bb39795d544f
	Ryabokon, E.A., Sazonov, A.Z., Sukharevsky, O.I.	Reflector antenna with the hide of the edges by radioabsorbing screens (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496921, pp. 191-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745474547&doi=10.1109%2FICATT.2005.1496921&partnerID=40&md5=dcee2b3cec9e0de529d9127225a6a6c3
	Nechitaylo, S.V., Sazonov, A.Z., Sukharevsky, O.I.	Electrodynamic calculation of a reflector antenna with a non-planar edge (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496920, pp. 187-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745440245&doi=10.1109%2FICATT.2005.1496920&partnerID=40&md5=f0284188915a9c847f21466b4576c5f8
	Sukharevsky, O.I. , Kukobko, S.V., Sazonov, A.Z.	Volume integral equation analysis of a two-dimensional radome with a sharp nose (2005) IEEE Transactions on Antennas and Propagation, 53 (4), pp. 1500-1506.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18844400859&doi=10.1109%2FTAP.2005.8444026&partnerID=40&md5=ca185700f6488ee7a249ea978a4285c
	Sukharevsky, O.I.	Simulation of aerial, ground and subsurface object scattering characteristics (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 45-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344277238&partnerID=40&md5=e67082903c5534e026b60adc2594a8f2
	Muzychenko, A.V., Sazonov, A.Z., Sukharevsky, O.I.	Recognition of objects on their complex natural resonance at ultrawideband sounding (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 182-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644388788&partnerID=40&md5=c38d3331ec8fb28f45e272e0631d3d62
	Sukharevsky, O.I. , Gorelyshev, S.A., Riabokon, E.A.	Scattering pulse signal on layer-uniform half-space (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 184-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644386105&partnerID=40&md5=75e20b074bb896c54da2812c1d19d84f
	Sukharevsky, O.I. , Vasilets, V.A., Nechitaylo, S.V., Orekhov, S.V.	Calculation of the side and back far-field zone radiation for reflector antennas with radio absorbing coating on edges (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (1), pp. 67-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958575096&doi=10.1615%2FTelecomRadEng.v61.i1.70&partnerID=40&md5=2bafd94c26c85c65397efcf926b96bc0

	Barkhudaryan, N.V., Vazhinsky, S.E., Vasilets, V.A., Sazonov, A.Z., Sukharevsky, O.I.	Mathematical simulation of the bearing process in the near zone of a complex extended object (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 141-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958578749&doi=10.1615/2fTelecomRadEng.v61.i2.60&partnerID=40&md5=06170fdea9070c48ee9b84c0dd163ee
	Kukobko, S.V., Sazonov, A.Z., Sukharevsky, O.I.	Calculation of nose dielectric radome effect on direction-finding characteristics of an antenna system (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238828, pp. 657-660.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946150195&doi=10.1109/2fICATT.2003.1238828&partnerID=40&md5=6779518247355ca28c686eeed44b79ac
	Nechitaylo, S.V., Sazonov, A.Z., Sukharevsky, O.I.	Calculation of electromagnetic field in near field zone of reflector antenna with edge radar absorbing coating (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1106952, pp. 437-439.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79851492076&doi=10.1109/2fMMET.2002.1106952&partnerID=40&md5=17161ca2a580e93693443bd1ed8db92
	Muzychenko, A.V., Sazonov, A.Z., Sukharevsky, O.I.	Estimation of geometrical parameters of perfectly conducting cylindrical object buried in dielectric half-space by its scattering characteristics (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106889, pp. 296-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948995370&doi=10.1109/2fMMET.2002.1106889&partnerID=40&md5=4b17e14c331d106a6ae26d9212a9c2b5
	Barkhudaryan, N.V., Sazonov, A.Z., Sukharevsky, O.I.	Calculation of near-zone electromagnetic fields scattered by complex shape airborne objects and estimation of their angular coordinates by onboard antenna systems (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1106977, pp. 493-495.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948990828&doi=10.1109/2fMMET.2002.1106977&partnerID=40&md5=3f5975b0cbaded5933e1a3418abe0b5f
	Sukharevsky, O.I. , Gorelyshev, S.A., Vasilets, V.A., Muzychenko, A.V.	Pulse signal scattering from perfectly conducting complex object located near uniform half-space (2000) Progress in Electromagnetics Research, 29, pp. 169-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344289690&doi=10.2528/2fPIER99121702&partnerID=40&md5=9edf0ad6a58a10233c629f2e9618e470
	Sukharevsky, O.I. , Gorelyshev, S.A., Vasilets, V.A., Muzychenko, A.V.	Pulse signal scattering from perfectly conducting complex object located near uniform half-space (2000) Journal of Electromagnetic Waves and Applications, 14 (7), pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033680809&doi=10.1163/2f156939300X00068&partnerID=40&md5=8e21ae315b7fc395118f1f98264de239
	Sukharevsky, O.I. , Gorelyshev, S.A., Vasilets, V.A., Muzychenko, A.V.	Backscattering of a pulse signal by a perfectly conducting object located near the interface of a uniform half-space (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (9-10), pp. 140-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044439438&partnerID=40&md5=891276058286e6a36f290b41e761bb16
	Sukharevsky, O.I. , Zalevsky, G.S.	Scattering by resonant objects buried in dielectric half-space (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 508-510.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230426&partnerID=40&md5=441e20ad9da31761c690f72275e5caf
	Sukharevsky, O.I. , Gorelyshev, S.A., Muzychenko, A.V.	Pulse signal scattering by object located near the earth surface (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 315-317.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230740&partnerID=40&md5=28e220950081a8d8f068e3ed5f89e9e
	Sukharevsky, O. , Gorelyshev, S.	Passing the ultra-wideband signal in layer-uniform half-space with the parameters of the ground (1997) Journal of Electromagnetic Waves and Applications, 11 (8), pp. 1091-1102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030661157&partnerID=40&md5=6ddb73da5f5a04115585310590742217
	Sukharevsky, O.I. , Vasilets, V.A.	Impulse characteristics of smooth objects in bistatic case (1996) Journal of Electromagnetic Waves and Applications, 10 (12), pp. 1613-1622.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030385163&partnerID=40&md5=c9218cc9b6e008a4b17118b5cce09999
53	Dumin, O.M. , Akhmedov, R.D., Dumina, O.O.	Transient field radiation of plane disk into nonlinear medium (2016) 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, art. no. 7739606, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007321851&doi=10.1109/2fUkrMiCo.2016.7739606&partnerID=40&md5=25a2741f072328220e061a46f2b3882c
	Dumin, O.M. , Akhmedov, R.D., Katrich, V.A., Dumina, O.O.	Propagation of transient field radiated from plane disk in nonlinear medium (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724155, pp. 77-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000814747&doi=10.1109/2fUWBUSIS.2016.7724155&partnerID=40&md5=937a3deaa04d19a3d044ee943af84bb
	Dumin, O.M. , Plakhtii, V.A., Katrich, V.A., Dumina, O.O., Volvach, I.S.	Radiation of two small impulse current radiators (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724156, pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000399190&doi=10.1109/2fUWBUSIS.2016.7724156&partnerID=40&md5=1c6d55c9d9eecef03402fc6486cca9c
	Plakhtii, V.A., Dumin, O.M. , Katrich, V.A., Dumina, O.O., Volvach, I.S.	Energy transformation of transient field of Herzian dipole (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544054, pp. 314-317.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984998994&doi=10.1109/2fMMET.2016.7544054&partnerID=40&md5=c250fcc7f047a82ef1a3b0ea51f6ef7
	Plakhtii, V.A., Dumin, O.M. , Katrich, V.A., Dumina, O.O.	Field regions of impulse current radiator of small size (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538066, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988000683&doi=10.1109/2fMSMW.2016.7538066&partnerID=40&md5=6555556e1b53d8719c1f5e18890a4a2
	Chernov, A.I., Dumin, O.M. , Miroshnik, D.B., Shkhorbatov, Y.G., Katrich, V.A., Kolchigin, N.N.	Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324286, pp. 162-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959188598&doi=10.1109/2fDIPED.2015.7324286&partnerID=40&md5=6ddd652b7bc225f2732e859cdc292803
	Dumin, O.M. , Tretyakov, O.A., Akhmedov, R.D., Dumina, O.O.	Transient electromagnetic field propagation through nonlinear medium in time domain (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136791, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939457520&doi=10.1109/2fICATT.2015.7136791&partnerID=40&md5=076135a5a13bef055adec21bb78f8ab3
	Dumin, O.M. , Shkhorbatov, Y.G., Chernov, A.I., Katrich, V.A.	Calculation of experimental apparatus for biological object irradiation by impulse electromagnetic field (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136890, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939440321&doi=10.1109/2fICATT.2015.7136890&partnerID=40&md5=0cfe0c97589780d6342c39d32a35dd0d
	Dumin, O.M. , Plakhtii, V.A., Volvach, I.S., Pshenichnaya, S.V., Dumina, O.O.	Near field of Hertzian dipole excited by impulse current (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136790, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939431744&doi=10.1109/2fICATT.2015.7136790&partnerID=40&md5=0634b0789fafe97d190c36929c74664a
	Dumin, O.M. , Katrich, V.A., Akhmedov, R.D., Tretyakov, O.A., Dumina, O.O.	Evolutionary approach for the problems of transient electromagnetic field propagation in nonlinear medium (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928717, pp. 57-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910028203&doi=10.1109/2fMMET.2014.6928717&partnerID=40&md5=072638f0e5b04206bc83db6a104ce2e4
	Dumin, O.M. , Katrich, V.A., Koltunov, Y.A.	Method and RIKDEDIN software package for interpretation of remote sensing data (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622051, pp. 346-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888500084&doi=10.1109/2fMSMW.2013.6622051&partnerID=40&md5=8f7cbab76cfa9d8fda0d926a3771dd0
	Dumin, O.M. , Katrich, V.A., Koltunov, Y.A., Neroda, I.V.	Numerical methods of structure-statistical object classification for remote sensing (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650800, pp. 426-428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898623888&doi=10.1109/2fICATT.2013.6650800&partnerID=40&md5=43c531d9c7b8bb85420360b68291db79
	Dumin, O. , Koltunov, Y., Dumina, O., Katrich, V.	Statistical approach to the recognition and classification for remote sensing (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331272, pp. 336-339.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870855225&doi=10.1109/2fMMET.2012.6331272&partnerID=40&md5=eb74671bbe64ccc74147c2181c3906b
	Koltunov, Y.A., Dumin, O.M. , Katrich, V.A., Dumina, O.A.	Calculation of fisher information matrix and its application in methods of recognition and classification for remote sensing of earth (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379805, pp. 278-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872241106&doi=10.1109/2fUWBUSIS.2012.6379805&partnerID=40&md5=e381ff7a5ec3aa70e7e879719ef79c4f
	Dumin, O.M. , Volvach, I.S., Dumina, O.O.	Transient near field of Hertzian dipole (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379735, pp. 69-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872231449&doi=10.1109/2fUWBUSIS.2012.6379735&partnerID=40&md5=d2e1043df4c91e88b90081f3d6b47ea

	Volvach, I.S., Dumin, O.M. , Dumina, O.O.	The energy of the field radiated by Hertz dipole (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170717, pp. 86-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859997068&doi=10.1109%2FICATT.2011.6170717&partnerID=40&md5=418449fb8c9e0711958094b1ca1386d9
	Dumin, O.M. , Dumina, O.O., Kolchigin, N.N., Ivanchenko, D.D., Shckorbatov, Y.G., Pasiuga, V.N.	Simulation of microwave exposure of human cells by electromagnetic field of EMF band (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170768, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859949714&doi=10.1109%2FICATT.2011.6170768&partnerID=40&md5=37f4e3ac7e953dc80d5960e3a6430b3f
	Shirokorad, D.V., Dumin, A.N. , Dumina, O.A., Katrich, V.A.	Analysis of pulsed fields reflected from a layered lossy medium using artificial neural network (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (10), pp. 873-881.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052095259&doi=10.1615%2FTelecomRadEng.v70.i10.30&partnerID=40&md5=85afd4e2bbfc26a51009289f507c9099
	Shakina, L.A., Pasiuga, V.N., Dumin, O.M. , Shckorbatov, Y.G.	Effects of microwaves on the puffing pattern of D. melanogaster (2011) Central European Journal of Biology, 6 (4), pp. 524-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956329572&doi=10.2478%2F11535-011-0032-x&partnerID=40&md5=ee8f5b829151271dbbc30af00bbbeb4
	Shckorbatov, Y., Pasiuga, V., Kolchigin, N., Grabina, V., Ivanchenko, D., Bykov, V., Dumin, O.	Cell nucleus and membrane recovery after exposure to microwaves [Šūnu kodolu un membrānu atjaunošanās pēc apstrādes ar mikroviļņiem] (2011) Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 65 (1-2), pp. 13-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054761374&doi=10.1109%2FJWBUSIS.2010.5609109&partnerID=40&md5=2c2e9f2f68f3b8ae87c7d04a9add59
	Dumin, O.M. , Tretyakov, O.A., Katrich, V.A., Dumina, O.O., Nesterenko, M.V., Kholodov, V.I.	Evolutionary equations for electromagnetic fields in unbounded space filled with layered inhomogeneous nonlinear transient medium with losses (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS2010, art. no. 5609109, pp. 99-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650105667&doi=10.1109%2FJWBUSIS.2010.5609109&partnerID=40&md5=2c2e9f2f68f3b8ae87c7d04a9add59
	Shyrokorad, D., Dumin, O. , Dumina, O., Katrich, V.	Analysis of transient fields reflected from model of human body surface using convolutional neural network (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611389, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649245338&doi=10.1109%2FMMET.2010.5611389&partnerID=40&md5=0cc7a13d2675a355d1982c49c900e28e
	Dumin, O.M. , Shyrokorad, D.V., Dumina, O.O., Katrich, V.A., Chebotarev, V.I.	Approximating properties of artificial neural network in time domain for the analysis of electromagnetic fields reflected from model of human body surface (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546075, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957341751&doi=10.1109%2FMSMW.2010.5546075&partnerID=40&md5=bb7c745616aea5e5cd7fa925497e5263
	Shckorbatov, Y.G., Pasiuga, V.N., Goncharuk, E.I., Petrenko, T.P., Grabina, V.A., Kolchigin, N.N., Ivanchenko, D.D., Bykov, V.N., Dumin, O.M.	Effects of differently polarized microwave radiation on the microscopic structure of the nuclei in human fibroblasts (2010) Journal of Zhejiang University: Science B, 11 (10), pp. 801-805.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958018022&doi=10.1631%2FJzus.B1000051&partnerID=40&md5=9c57142406aa14613067851dc3ebf0ef
	Shckorbatov, Y., Rudneva, I., Pasiuga, V., Grabina, V., Kolchigin, N., Ivanchenko, D., Kazanskiy, O., Shayda, V., Dumin, O.	Electromagnetic field effects on Artemia hatching and chromatin state (2010) Central European Journal of Biology, 5 (6), pp. 785-790.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957220065&doi=10.2478%2F11535-010-0063-8&partnerID=40&md5=5845d886dbc910402a9bf882e9c7da2a
	Dumin, O.M. , Dumina, O.O., Katrich, V.A.	Evolution of transient electromagnetic fields in radially inhomogeneous nonstationary medium (2010) Progress in Electromagnetics Research, 103, pp. 403-418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953793184&partnerID=40&md5=ea5a380d35f4574c4b1a79809a3913b0
	Nesterenko, M.V., Katrich, V.A., Dumin, A.N., Kiyko, V.I.	Resonant iris with the slot arbitrary oriented in rectangular waveguide (2009) KpbMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293016, pp. 513-514.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949126592&partnerID=40&md5=8ccea3b2dfdf825483b7279e4fb1b45
	Dumin, A.N. , Dumina, O.A., Katrich, V.A., Yu, Z.	Radiation of short pulses from the open end of a circular waveguide (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1785-1793.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849111947&doi=10.1615%2FTelecomRadEng.v68.i20.10&partnerID=40&md5=07757a8e09f3efd2f4f3102d1bfa59b9f
	Dumin, O.M. , Dumina, O.O., Shyrokorad, D.V.	Time domain analysis of fields reflected from model of human body surface using artificial neural network (2009) European Conference on Antennas and Propagation, EuCAP 2009, Proceedings, art. no. 5067613, pp. 235-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349852861&partnerID=40&md5=63ecd37337dc7c23c385217b9a4b689
	Shyrokorad, D.V., Dumin, O.M. , Dumina, O.O.	Time domain analysis of reflected impulse fields by artificial neural network (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669380, pp. 124-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649155219&doi=10.1109%2FJWBUSIS.2008.4669380&partnerID=40&md5=b9c70882b3c4f639e619bd96d6208994
	Dumin, O.M. , Dumina, O.O., Katrich, V.O.	Impulse irradiation of layered medium by the open end of circular waveguide (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669419, pp. 232-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649171120&doi=10.1109%2FJWBUSIS.2008.4669419&partnerID=40&md5=2d9611f1c593f276b63cd270f84ceef4
	Dumin, O. , Dumina, O., Katrich, V.	Controlled transient radiation from the open end of circular waveguide (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580973, pp. 298-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749103516&doi=10.1109%2FMMET.2008.4580973&partnerID=40&md5=0195aba8f8cab2737a4e77f718454417
	Dumin, O.M. , Dumina, O.O., Zheng, Y., Shishkova, A.V., Katrich, V.O.	Transient radiation from the open end of circular waveguide (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425150, pp. 181-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849121767&doi=10.1109%2FICATT.2007.4425150&partnerID=40&md5=c56a47307e479328c842c80014bea3f0
	Gorobets, N.N., Dumin, A.N. , Dumina, O.A.	Transient fields radiated from the open end of a coaxial waveguide with an offset internal conductor (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (17), pp. 1563-1570.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347327272&doi=10.1615%2FTelecomRadEng.v65.i17.30&partnerID=40&md5=607a995e7c4198ede9da78a9cf404e8
	Dumin, O.M. , Dumina, O.O., Katrich, V.O.	Propagation of spherical transient electromagnetic wave through radially inhomogeneous medium (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099286, pp. 276-278.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849106043&doi=10.1109%2FJWBUSIS.2006.3072288&partnerID=40&md5=94d56c26e5d33283cac4836fa642ca
	Dumin, O. , Dumina, O., Katrich, V.	Evolution of transient electromagnetic fields in spherical coordinate system (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689792, pp. 363-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547376586&partnerID=40&md5=5d6f729fb0d6f8ad75c469e02193ddf19
	Dumin, O.M. , Dumina, O.O., Katrich, V.O.	Comparative analysis of the analytical and numerical solutions of transient wave propagation problem (2006) DIPED-2006 - Proceedings of 11th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, art. no. 4105756, pp. 43-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249120982&doi=10.1109%2FDIPED.2006.314285&partnerID=40&md5=c49356ae0d73d943515db04d3d617b0b
	Kokody, N.G., Dumin, A.N. , Zhivotova, E.N., Kokody, Timanyuk, P., Kohns	Measuring of optical radiation parameters by receiver with two wire grids (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018221, pp. 134-137.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250893424&doi=10.1109%2FLFNM.2006.252002&partnerID=40&md5=a1d0ab3e90a1df9c04b6e2877334db14
	Dumin, A.N. , Dumina, O.A., Nesterenko, M.V., Popov, V.S.	Dielectric heating with electromagnetic field (2005) Proceedings of Xth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2005, 2005, art. no. 1564572, pp. 93-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846335235&partnerID=40&md5=f994de31aa8ee67aefc6071fb7c92bb8
	Butrym, A.Yu., Zheng, Yu., Dumin, A.N. , Tretyakov, O.A.	Transient wave beam diffraction by lossy dielectric half space (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 321-323.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344262655&partnerID=40&md5=d573c28172c3110ae572826aca59a133
	Dumin, A.N., Dumina, O.A. , Katrich, V.A., Nesterenko, M.V.	Method of induced magnetomotive forces in comparison with FDTD simulation in problems of waveguide coupling by a narrow slot (2004) DIPED-2004: Proceedings of the 9th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645145802&partnerID=40&md5=2e48f5c02263efa847c4e934f72d863c
	Katrich, V.A., Dumin, A.N. , Dumina, O.A.	Radiation of transient fields from two-element array (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 656-658.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544291025&partnerID=40&md5=b516c27841844cc037c575752936ec04

	Tretyakov, O., Dumin, A. , Dumina, O., Katrich, V.	Modal basis method in radiation problems (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344250434&partnerID=40&md5=71a825a1692223ffe21f49ba090fe4c7
	Dumin, A.N. , Butrym, A.Yu., Tretyakov, O.A., Katrich, V.A., Dumina, O.A.	Transient electromagnetic fields in unbounded space with inhomogeneous medium (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 104-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644365686&partnerID=40&md5=947afbc12577526c5cdc266b6292a936
	Katrich, V.A., Dumin, A.N.	Study of non-stationary fields from rectangular waveguide open end (2003) Izvestiya Vysshikh Uchebnykh Zavedeniy. Radioelektronika, 46 (11), pp. 34-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346056420&partnerID=40&md5=5da3dce7fbeb0a2b62f2b4c212adc693
	Katrich, V.A., Dumin, A.N. , Dumina, O.A.	Radiation of transient fields from the open end of rectangular waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238810, pp. 583-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544294096&doi=10.1109%2fICATT.2003.1238810&partnerID=40&md5=44f90018c6e6720bad0bdb123900053a
	Dumin, A.N.	Power characteristics of non-stationary radiation from the open end of a coaxial waveguide (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (1), pp. 8-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044448924&partnerID=40&md5=5fb24ca409088ca130bf5b1b153af73
	Dumin, A.N. , Katrich, V.A.	Energy transformation of a transient wave on radiating aperture (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106857, pp. 189-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948953180&doi=10.1109%2fMMET.2003.1106857&partnerID=40&md5=8c9eca2093fe566cb713a5ca540ec31
	Dumin, A.N. , Katrich, V.A., Pivnenko, S.N., Tretyakov, O.A.	Comparative analysis of approximate and exact solutions of transient wave radiation problems (2000) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 1, art. no. 888521, pp. 125-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892265466&doi=10.1109%2fMMET.2000.888521&partnerID=40&md5=f9317a557623e41b54627dd5c8ada5d5
	Dumin, A.N.	Radiation of transient localized waves from an open-ended coaxial waveguide with infinite flange (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (6), pp. 30-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844465194&partnerID=40&md5=2309dc676930065e39a2d8894708f7f3
	Dumin, Alexander N. , Tretyakov, Oleg A.	Arbitrary signal radiation of coaxial waveguide aperture (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 330-332.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230521&partnerID=40&md5=ac5e0a06970007865d4f173aa5ab5a77
	Dumin, A.N. , Katrich, V.A., Pivnenko, S.N.	Radiation of short pulses from the open end of a coaxial waveguide (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (11-12), pp. 81-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751394772&partnerID=40&md5=25853549d052c1b0bfa442365c965f93
	Dumin, O. , Tretyakov, O.	Radiation of arbitrary signals by plane disk (1996) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030413332&partnerID=40&md5=1f525bc832a34113e06f06ed4f6220d6
54	Vyunnik, V.I., Zvyagintsev, A.A.	Modelling of a mimicry cloak for the elliptical cylinder to look like circular one (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136808, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939449465&doi=10.1109%2fICATT.2015.7136808&partnerID=40&md5=6e0e7ed05c7a2a0b167ed7847dba5d49
	Vyunnik, V.V., Zvyagintsev, A.A.	Numerical simulation of the elliptic cylinder mimicry cloak for transforming it into a circular one (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (2), pp. 127-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900620368&doi=10.1615%2fTelecomRadEng.v73.i2.30&partnerID=40&md5=661ac8c10e021da90e8ffe42b15a322c
	Vyunnik, V.I., Zvyagintsev, A.A.	Invisibility cloak with use of nonsingular coordinate transformation (2014) Journal of Nano- and Electronic Physics, 6 (4), art. no. 04036, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919460091&partnerID=40&md5=c7cf7f754014f979760a68d9d5ec207
	Vyunnik, V.I., Zvyagintsev, A.A.	Modeling of the mimicry cloak using coordinate transformation (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652722, pp. 1187-1189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891066543&partnerID=40&md5=3fd4f802c2e960f171d65a58cc635fea
	Vyunnik, V.I., Zvyagintsev, A.A.	Numerical methods of calculation transformation matrices at designing nonsingular invisibility cloak-carpet (2012) 12th 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379793, pp. 240-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872251392&doi=10.1109%2fUWBUSIS.2012.6379793&partnerID=40&md5=08b9424bf5962b8fe1f3980760a0891a
	Vyunnik, V.I., Zvyagintsev, A.A.	Design numerical method for nonsingular invisibility cloak-carpet with arbitrary shapes (2012) Journal of Nano- and Electronic Physics, 4 (3), art. no. 03022, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871984821&partnerID=40&md5=598eba4ea8a476c3efd4e15072402e1
	Vyunnik, V.I., Zvyagintsev, A.A.	On the approach to the singularity problem of the material parameters in coordinate transformation (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336227, pp. 865-867.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869829468&partnerID=40&md5=654465b01af74e3b35cb73aa1957f5db
	Strizhachenko, A.V., Shulga, S.N., Zvyagintsev, A.A.	Measurement of anisotropic dielectrics in the semi-opened waveguide structures (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336222, pp. 855-856.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869851100&partnerID=40&md5=e7c83e5331a3b37479e459bd86504faf
	Vyunnik, V.I., Zvyagintsev, A.A.	Invisibility cloak with use non-singular coordinate transformation (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, art. no. 6145044, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857584985&doi=10.1109%2fLFNM.2011.6145044&partnerID=40&md5=7a94d4332485d90a93c54296c4bf2e48
	Strizhachenko, A.V., Zvyagintsev, A.A. , Chizhov, V.V., Lyalko, K.A.	Microwave narrow band filters (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632635, p. 679.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650405002&partnerID=40&md5=637cfd5054c8bd33b5e1d920e6844254
	Vyunnik, V.I., Zvyagintsev, A.A.	The resulted impedance of the cylinder covered with a thin dielectric layer (2010) Proceedings - 10th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM'2010, 2nd IEEE International Workshop on THz Radiation: Basic Research and Applications, TERA'2010, art. no. 5619945, pp. 280-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650143898&doi=10.1109%2fTERA.2010.5619945&partnerID=40&md5=f0201473c74de878c794f6cd76520d3b
	Vyunnik, V.I., Zvyagintsev, A.A.	Electromagnetic wave scattering by the coated impedance cylinder (2010) Journal of Nano- and Electronic Physics, 2 (2), pp. 103-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865143495&partnerID=40&md5=6a8de4b42c5d85089b0ce38dd47f6c1e
	Strizhachenko, A.V., Zvyagintsev, A.A. , Shul'ga, S.N., Chizhov, V.V.	Narrow-band microwave filters (2010) Journal of Nano- and Electronic Physics, 2 (3), pp. 32-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865152935&partnerID=40&md5=4db2792c8f7dc4d026608de52534ab90
	Chizhov, V.V., Zvyagintsev, A.A. , Strizhachenko, A.V.	Checking of ferrite element parameters in microwave devices (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (15), pp. 1361-1367.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74349095727&doi=10.1615%2fTelecomRadEng.v68.i15.50&partnerID=40&md5=aeabce87f89445cd2dbb9becfa08fcd4
	Strizhachenko, A.V., Chizhov, V.V., Ivanov, A.I., Andreyev, V.B., Zvyagintsev, A.A.	Microwave complex for the measurement of anisotropic dielectrics' parameters (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5292885, pp. 767-768.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949091374&partnerID=40&md5=12cd752a1abde38a0ec7804c62ba93f
	Zvyagintsev, A. , Ivanov, A.	Radiation pattern calculation of flanged reflector antennas (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580952, pp. 238-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749114217&doi=10.1109%2fMMET.2008.4580952&partnerID=40&md5=6d328b0f2954e8c236d94ac51d756009
	Ivanov, A.I., Zvyagintsev, A.A. , Katkov, D.V.	Whispering gallery eigenmodes of a surface with anisotropic surface impedance (2007) Proceedings of the International Conference Days on Diffraction 2007, DD, art. no. 4531994, pp. 85-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249147885&doi=10.1109%2fDD.2007.4531994&partnerID=40&md5=f9f675df8d26a333e6f4f7350c99a70a

Strizhachenko, A., Zvyagintsev, A., Chizhov, V.	Resonant phenomena of waveguide junctions with anisotropic filling (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294651, pp. 328-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249130842&doi=10.1109%2FMSMW.2007.4294651&partnerID=40&md5=7e3939b7474350bab8f8297a42f017d3
Chizhov, V., Zvyagintsev, A., Strizhachenko, A.	Electrically-triggered microwave filters on coupled modes (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294792, pp. 724-725.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249150196&doi=10.1109%2FMSMW.2007.4294792&partnerID=40&md5=56093bb0e8f6b4deb01b91a0100b14
Zvyagintsev, A.A., Ivanov, A.I., Katkov, D.V.	Numerical UTD diffraction coefficients for irregular dielectric wedge configurations (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294790, pp. 718-720.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249149753&doi=10.1109%2FMSMW.2007.4294790&partnerID=40&md5=da691612725cf207f4b8af2e97c79f67
Strizhachenko, A.V., Zvyagintsev, A.A., Chizhov, V.V.	Electrodynamics of waveguide junctions with anisotropic filling (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (6), pp. 497-504.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548152062&doi=10.1615%2FtelecomRadEng.v66.i6.30&partnerID=40&md5=33f348da511f299094f64fab3f2586d6
Zvyagintsev, A.A., Ivanov, A.I., Katkov, D.V.	Effects on placing wideband omnidirectional spiral antenna on aircraft (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099242, pp. 148-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249120332&doi=10.1109%2FUWBUS.2006.307184&partnerID=40&md5=c3ad96c37d9e679fd6dc497f1258d79b
Strizhachenko, A.V., Zvyagintsev, A.A., Chizhov, V.V.	Intrinsic quality factor of electromagnetic oscillations in half-open waveguide junctions with dielectric (2006) Radioelectronics and Communications Systems, 49 (5), pp. 42-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947543026&partnerID=40&md5=e390fec2676774c73dabe1668f95cbc
Zvyagintsev, A.A., Ivanov, A.I., Katkov, D.V.	Whispering gallery eigenmodes of a curvilinear impedance surface - Analysis by the method of reference problem (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689754, pp. 236-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547327616&partnerID=40&md5=212ed3f48658bf4f2e21bc398415a978
Zvyagintsev, A.A., Ivanov, A.I., Katkov, D.V.	Analysis of eigen impedance surface waves using the method of reference problem (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023348, pp. 469-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249104906&doi=10.1109%2FCRMICO.2006.256066&partnerID=40&md5=eb1ed277e7c062ca8e46af492eeefao
Zvyagintsev, A.A., Strizhachenko, A.V., Chizhov, V.V., Reshetnyak, Y.B.	An eigen Q-factor of electromagnetic modes in semi-opened waveguide junctions of various configurations with dielectric (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023466, pp. 748-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249087258&doi=10.1109%2FCRMICO.2006.256184&partnerID=40&md5=b2b01b940c5518de7234e512f9e471ae
Zvyagintsev, A.A., Ivanov, A.I., Katkov, D.V.	Hybrid method for analysis of slot antennas placed on convex surfaces (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 1, art. no. 1564957, pp. 394-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846314774&doi=10.1109%2FCRMICO.2005.1564957&partnerID=40&md5=4a26511fbb73016589da102772f3733a
Litvinov, A.V., Zvyagintsev, A.A., Khoroshun, V.V.	The comparative analysis of the method of riemann-hilbert problem variants concerning the wave beam diffraction problem on gratings (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, art. no. 1553869, pp. 230-233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845494263&doi=10.1109%2FCAOL.2005.1553869&partnerID=40&md5=a9a563bc2aa5367c543629503d8b59b6
Zvyagintsev, A.A., Ivanov, A.I., Katkov, D.V.	Uniform asymptotic theory of diffraction by a curvilinear impedance wedge (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 320-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344256743&partnerID=40&md5=2229bbcb00757fb038cc0cbf20b8bc2
Litvinov, A.V., Zvyagintsev, A.A., Khoroshun, V.V.	The mathematical models of problem about wave beams diffraction on a plane metallic grating (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 519-521.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344284054&partnerID=40&md5=a16432b8e482cfff02209a05e8ca2eece
Zvyagintsev, A.A., Ivanov, A.I., Katkov, D.V.	Pulse plane wave diffraction on a curvilinear impedance wedge: UAT analysis (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644384972&partnerID=40&md5=81b6cda78c38c7aa0d3ca14406e76ab5
Zvyagintsev, A.A., Strizhachenko, A.V., Ivanov, A.I., Chizhov, V.V.	Measurements of dielectric losses in uniaxial and biaxial crystals (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 644-645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644370029&partnerID=40&md5=3922682f3ae163df14cb4a3092dc6814
Litvinov, A.V., Zvyagintsev, A.A., Khoroshun, V.V.	The mathematical models of problem about wave beams diffraction on a plane metallic grating (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 309-311.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2124443832&partnerID=40&md5=e6698ef39ce150af9077e9322d8be7b
Katrich, V.A., Zvyagintsev, A.A., Pogarsky, S.A., Saprykin, I.I., Mayboroda, D.V., Shaulov, E.A.	Dielectric image guide as basic electrodynamic structure for high-performance radiation systems design (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 394-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644379451&partnerID=40&md5=81cdd1b4284df985cd09fca0ef2f8fb2
Zvyagintsev, A.A., Ivanov, A.I.	A mixed asymptotic and FD method for the EM field modelling in quasi-optical devices (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238846, pp. 719-722.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946142983&doi=10.1109%2FICATT.2003.1238846&partnerID=40&md5=1630f2abd21052d2718a315d290dbfbc
Strizhachenko, A.V., Zvyagintsev, A.A., Chizhov, V.V.	Measurement of electrical parameters of uniaxial and biaxial crystals (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (6-7), pp. 116-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747639367&partnerID=40&md5=28f1f3e984783f7e73405782d049614b
Strizhachenko, A.V., Zvyagintsev, A.A., Chizhov, V.V., Andreev, V.V.	Cylindrical-rectangular waveguide junction as a model of measurement device (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (5-6), pp. 7-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751172741&partnerID=40&md5=409c4ea9d73ab2b98c231cb2a5fb0740
Zvyagintsev, A.A., Ivanov, A.I., Demchenko, T.N.	Application of the uniform asymptotic theory to electromagnetic wave scattering by a half-plane with impedance properties (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (6-7), pp. 40-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751288050&partnerID=40&md5=6466aa0dc8e74aa4aeddb0d346211334
Zvyagintsev, A.A., Ivanov, A.I.	Minimization of the field diffracted from a convex impedance body to the shadow region (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1106991, pp. 517-520.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948952487&doi=10.1109%2FMMET.2002.1106991&partnerID=40&md5=6c2994c0d5451c0b13762c09d6d0536
Zvyagintsev, A.A., Ivanov, A.I., Katkov, D.V.	Finite difference method for research of wave beam propagation in nonlinear inhomogeneous lossy media (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014191, pp. 259-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961886486&doi=10.1109%2FLFNM.2002.1014191&partnerID=40&md5=97cbcb36db6b63a6d527e8bb437f6f2b
Zvyagintsev, A.A., Strizhachenko, A.V., Chizhov, V.V.	Measurement of dielectric permittivity tensor, main directions and optical axes in single-axis and bi-axis crystals (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137348, pp. 544-545.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968883771&doi=10.1109%2FCRMICO.2002.1137348&partnerID=40&md5=6e650f951cf439d61ddcfb861856138
Zvyagintsev, A.A.	Resonance phenomena in orthogonal waveguide junction with anisotropic filling (2001) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 55 (3), pp. 20-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844560769&partnerID=40&md5=df3ad048c06326400ccd5202019302f4
Pogarsky, S.A., Zvyagintsev, A.A., Saprykin, I.I., Petkov, G.M., Andreev, V.B., Shaulov, E.A.	The Ku band-stop filter (2001) International Journal of Infrared and Millimeter Waves, 22 (8), pp. 1243-1248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10844254995&partnerID=40&md5=985304dafb330c7295cad18d31ebecd

	Ivanov, A.I., Zvyagintsev, A.A.	Analysis of the Gaussian-beam diffraction on the impedance knife-edge using the uniform asymptotic theory (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, art. no. 946777, pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496687283&doi=10.1109%2FMSMW.2001.946777&partnerID=40&md5=2d42d73e324e998280c9e2668afac86
	Pogarsky, S.A., Zvyagintsev, A.A., Saprykin, I.I., Petkov, G.M., Andreyev, V.B., Shaulov, E.A.	The KL band-stop filter (2001) CrMiCo 2001 - 11th International Conference, art. no. 1173943, pp. 492-493.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956651209&partnerID=40&md5=5e6a869d4bb4185fe7cd7f60328bcd4
	Zvyagintsev, A.A., Strizhachenko, A.V., Chizhov, V.V.	Resonant phenomena in the rectangular orthogonal junction with anisotropic crystal (1998) International Journal of Infrared and Millimeter Waves, 19 (4), pp. 687-696.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032047173&partnerID=40&md5=831aac588684ae8dcfc46910b0d47d9e
	Zvyagintsev, A.A., Strizhachenko, A.V., Furman, D.F.	Natural electromagnetic modes in cylindrical waveguide junctions and their use for nondestructive microwave measurements of electromagnetic characteristics of materials (1995) International Journal of Infrared and Millimeter Waves, 16 (5), pp. 965-975.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029310044&doi=10.1007%2FBF02066670&partnerID=40&md5=a6435924d9ff8b1ed2066bb81cddaac9
	Zvyagintsev, A.A., Strizhachenko, A.V.	Method and measurement complete set for non-destructive local parameter microwave measurements of materials (1993) Proceedings of SPIE - The International Society for Optical Engineering, 2104, pp. 565-566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027865225&partnerID=40&md5=81112b5461ba4d2337356d01d6695d1e
	Zvyagintsev, A.A., Sapan, I.N., Yurchenko, Yu.P.	Optimization of the scattering and radiating properties of an impedance spheroid (1990) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 45 (6), pp. 104-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025435884&partnerID=40&md5=cbd1a9486f52a49539b9832a9f8bd2a9
	Zvyagintsev, A.A., Batrakov, D.O.	Diffraction by an elliptical impedance cylinder (1989) Radiophysics and Quantum Electronics, 32 (9), pp. 835-841.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249962955&doi=10.1007%2FBF01038810&partnerID=40&md5=eb32b2f09637bf13575ec099f97ac53
	Zvyagintsev, A.A., Kovaleva, N.A., Yurchenko, Yu.P., Yushchenko, A.G.	Spectral properties of a dielectric rod in a cavity of elliptic cross section (1989) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 44 (8), p. 99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024707793&partnerID=40&md5=ae69caf12fd866c94d42b0a57e1e2a5a
	Zvyagintsev, A.A., Sysoev, A.S., Tret'yakov, O.A.	Scattering of the Partially Polarized Field by Plane Unidimensional, Periodic Structures. [RASSEYANIE CHASTICHNO POLYARIZOVANNOGO POLYA PLOSKIMI ODNO-MERNO PERIODICHESKIMI STRUKTURAMI.] (1976) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 19 (2), pp. 33-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017247213&partnerID=40&md5=6b2fd261910aa2b05b695ce653c62abf
	Zvyagintsev, A.A., Sysoev, A.S., Tret'yakov, O.A.	Reflecting Capacity of Arrays for Completely Nonpolarized Field. [OTRAZHATEL'NAYA SPOSOBNOST' RESHETOK DLYA POLNOST'YU NEPOLYARIZOVANNOGO POLYA.] (1976) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 19 (2), pp. 120-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017269199&partnerID=40&md5=d2889ae8e9999f480a3dc8377f130eb8
55	Gokov, A.M., Tyrnov, O.F.	Modeling of the electron-molecule collision frequency variations in the undisturbed midlatitude D-region on the experimental basis (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959779, pp. 1099-1100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915748008&doi=10.1109%2FCRMICO.2014.6959779&partnerID=40&md5=b91514b356e6bcd3075f2e83ab0be4f
	Gokov, A.M., Tyrnov, O.F.	Model of height-temporal variations of the electron density in the undisturbed midlatitude D-region of the ionosphere (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959778, pp. 1097-1098.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915821001&doi=10.1109%2FCRMICO.2014.6959778&partnerID=40&md5=8eb7ca8bab1e98f2b015c4e820701b93
	Gokov, A.M., Tyrnov, O.F.	Investigations of the response of mid-latitude ionospheric d-region to power atmospheric front passage (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (12), pp. 1117-1123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940272454&doi=10.1615%2FTelecomRadEng.v73.i12.70&partnerID=40&md5=a1aae3813a4535c8734cf725c8ef643a
	Martynenko, S.I., Tyrnov, O.F., Rozumenko, V.T.	The effect of large mesospheric electric fields on the terrestrial lower ionospheric structure (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959784, pp. 1111-1112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915822213&doi=10.1109%2FCRMICO.2014.6959784&partnerID=40&md5=42bbcae0bf0a5d6db1023380063cf289
	Zakharov, I.G., Tyrnov, O.F.	Instability in the day to day variability of ionospheric F2 region electron density (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652686, pp. 1118-1119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891058421&partnerID=40&md5=4dc834a44b461ec8033c40462e5e33fb
	Gokov, A.M., Tyrnov, O.F.	Investigations of the response of the midlatitude lower ionosphere to meteor showers (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652689, pp. 1122-1123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891139951&partnerID=40&md5=7153e30fd0488ecf65d9a3c29eff774
	Martynenko, S.I., Tyrnov, O.F., Rozumenko, V.T.	Temporal variations of electric fields density in the middle atmosphere (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652690, pp. 1124-1125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891051190&partnerID=40&md5=9395cf6e7db1dc60ba000e696428b64
	Fedorenko, Y.P., Tyrnov, O.F., Fedorenko, V.N., Dorohov, V.L.	Model of traveling ionospheric disturbances (2013) Journal of Space Weather and Space Climate, 3, art. no. A30, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894471325&doi=10.1051%2Fswsc%2F2013052&partnerID=40&md5=4478ee7df86cd95eadc589ebbb89bf6f
	Dorohov, V.L., Rozumenko, V.T., Somov, V.G., Tyrnov, O.F.	Upgrades to the Kharkiv V. N. Karazin National University MF radar antenna (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650781, pp. 370-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898604833&doi=10.1109%2FICATT.2013.6650781&partnerID=40&md5=07ec656a531697c39bdb1abd10780489
	Gokov, A.M., Tyrnov, O.F.	The investigations of the response of midlatitude ionospheric D-region to power atmospheric front (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6335882, pp. 1047-1048.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869821788&partnerID=40&md5=c6e7128939c7d252573fd0b4a46dda57
	Martynenko, S.I., Rozumenko, V.T., Tyrnov, O.F.	Dispersive shift in the height of the lower edge of the ionosphere under the influence of strong perturbations in tropospheric conductivity (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6335883, pp. 1049-1050.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869831871&partnerID=40&md5=1504ed5413ac467847ca0fef1ca2be77
	Gokov, A.M., Tyrnov, O.F.	On the possibility of generating low frequency whistlers in the lower ionosphere during the disturbances of different nature (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068837, pp. 1083-1084.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455139779&partnerID=40&md5=69ba48adc5db6b4b15fd6816167a0bda
	Zakharov, I.G., Tyrnov, O.F., Kharkiv, V.N.	Electromagnetic precursors of global seismic activity in the VLF range (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068831, pp. 1073-1074.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455139783&partnerID=40&md5=61f332e35a4eed7fc8a549d9456952f6
	Gokov, A.M., Tyrnov, O.F.	Variations of electron density in the regional midlatitude D-region of the ionosphere, conditioned by the morning solar terminator during magnetic storm of the 7-11th of november, 2004 (2010) KpbiMuKo 2010 CrMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632883, pp. 1179-1180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650344875&partnerID=40&md5=19e176e16ad3fe035b777da6e42edda

Garmash, K.P., Gritchin, A.I., Martynenko, S.I., Rozumenko, V.T., Tyrnov, O.F.	Electrodynamic processes in the electrically active mesosphere (2010) KpbMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632884, pp. 1181-1182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650408223&partnerID=40&md5=9fb3beffe67e0a5784971a3fa7ddd08
Fedorenko, Y.P., Tyrnov, O.F. , Fedorenko, V.N.	Parameters of traveling ionospheric disturbances estimated from satellite beacon observations in low-earth orbit (2010) Geomagnetism and Aeronomy, 50 (4), pp. 489-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7795342869&doi=10.1134%2FIS0016793210040109&partnerID=40&md5=680cda80790ada2b175871242a01498
Gokov, A.M., Tyrnov, O.F.	The features of partial reflection signals, radionoses and electron density variations in the regional middle latitude D-region during five solar eclipses (2009) KpbMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5292817, pp. 927-928.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949159646&partnerID=40&md5=4ab2104f84855adc17604d4d7b879dc
Garmash, K.P., Gritchin, A.I., Martynenko, S.I., Podnos, V.A., Rozumenko, V.T., Tyrnov, O.F. , Fedorenko, V.N., Fedorenko, Yu.P., Tsybal, A.M., Chernogor, L.F.	Space research in Kharkiv radiophysical observatory of V. N. Karazin National University (2009) KpbMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5292824, pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949092693&partnerID=40&md5=182efb77d5e3339e4c54fa2836a1c8d
Gokov, A.M., Tyrnov, O.F.	The features of the partial reflection signals, radionoses and electron density variations in the middle latitude D-region of the ionosphere during the magnetic storms in 2004-2006 (2008) KpbMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676644, pp. 882-883.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049169564&doi=10.1109%2FCRMICO.2008.4676644&partnerID=40&md5=e3eb50762162966e11066715d211ec54
Gokov, A.M., Gritchin, A.I., Tyrnov, O.F.	Experimental study of the response of the midlatitude ionospheric D region to the solar eclipse of March 29, 2006 (2008) Geomagnetism and Aeronomy, 48 (2), pp. 232-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42349100747&doi=10.1007%2F11478-008-2012-5&partnerID=40&md5=9175bac48f60563faa88bf38cb9168
Gokov, A.M., Tyrnov, O.F.	The features of electron density variations in ionospheric d-region near kharkiv during the magnetic storm in December, 2006 (2007) 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368968, pp. 839-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149115174&doi=10.1109%2FCRMICO.2007.4368968&partnerID=40&md5=96daa87894f6cec995fa3714f33b0549
Taran, V.I., Zakharov, I.G., Tyrnov, O.F. , Lyashenko, M.V.	Spatial and temporal distribution of the total electron content inferred from beacon-satellite observations and Kharkiv incoherent scatter radar data (2007) Advances in Space Research, 39 (5), pp. 803-807.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248589067&doi=10.1016%2Fj.asr.2007.01.063&partnerID=40&md5=778c4263c33266ff9c19171c6d77aa08b
Gokov, A.M., Gritchin, A.I., Tyrnov, O.F.	Experimental investigations of the electron density variations in the middle latitude ionospheric D-region during a solar eclipse (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023554, pp. 952-953.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249099118&doi=10.1109%2FCRMICO.2006.256273&partnerID=40&md5=3e96a626cd2784853eebf975ff114bfff
Garmash, K.P., Kostrov, L.S., Rozumenko, V.T., Tsybal, A.M., Tyrnov, O.F.	The facility for remote sensing of the near-earth space environment (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023555, pp. 954-955.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149089961&doi=10.1109%2FCRMICO.2006.256274&partnerID=40&md5=b0e4eeef4bb4dbcb9734475c439b1bbf
Gokov, A.M., Tyrnov, O.F.	Experimental studies of the response of midlatitude ionospheric D region to remote launches and flights of spacecrafts using partial reflections (2006) Geomagnetism and Aeronomy, 46 (5), pp. 654-660.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250697154&doi=10.1134%2FIS0016793206050148&partnerID=40&md5=16227be83994bd7ad5e1fa1fdaa3dd79
Gokov, A.M., Tyrnov, O.F.	The ionospheric D-region over Kharkiv during the 14 - 24 April 2002 magnetic storm (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 63 (1), pp. 63-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747034430&doi=10.1615%2FtelecomRadEng.v63.i1.50&partnerID=40&md5=70af055b21cd9e419ba51cbf402ed364
Martynenko, S.I., Rozumenko, V.T., Tyrnov, O.F. , Manson, A.H., Meek, C.E.	Statistical parameters of nonisothermal lower ionospheric plasma in the electrically active mesosphere (2005) Advances in Space Research, 35 (8 SPEC. ISS.), pp. 1467-1471.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23844437317&doi=10.1016%2Fj.asr.2005.03.041&partnerID=40&md5=7ebcccd5143c92b159e8020b3c435cf95
Gokov, A.M., Tyrnov, O.F.	Features of lower ionosphere dynamics conditioned by morning solar terminator (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 771-772.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644393904&partnerID=40&md5=e65688e202c47db111358319cccd7ff2
Gokov, A.M., Tyrnov, O.F.	Middle latitude ionospheric D-region responses to distant launchings and flights of space vehicles investigated experimentally by means of a partial reflection technique (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 434-450.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958576787&doi=10.1615%2FtelecomRadEng.v61.i5.60&partnerID=40&md5=4d8a55ee2ca61bad9dea7118b15d8028
Gokov, A.M., Tyrnov, O.F.	Experimental investigations of the middle-latitude ionospheric D-region response to distant rocket launches (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 769-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644375236&partnerID=40&md5=c49583f84a90ae8077b774dca180c787
Meek, C.E., Manson, A.H., Martynenko, S.I., Rozumenko, V.T., Tyrnov, O.F.	Remote sensing of mesospheric electric fields using MF radars (2004) Journal of Atmospheric and Solar-Terrestrial Physics, 66 (10), pp. 881-890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242739969&doi=10.1016%2Fj.jastp.2004.02.002&partnerID=40&md5=391fc448b08dea8937fb7e89b1bf0d52
Gokov, A.M., Tyrnov, O.F.	Middle latitude ionospheric D-region responses to solar events as investigated by partial reflection technique (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 59 (3-4), pp. 114-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949971877&partnerID=40&md5=41cc6fe3e782b9359ef43e1aa9b93dd0
Gokov, A.M., Tyrnov, O.F.	Peculiarities of the middle latitude ionospheric D-region dynamics, caused by the solar terminator (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (10-12), pp. 159-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949947752&doi=10.1615%2FtelecomRadEng.v60.i1012.140&partnerID=40&md5=cdb5e84ed2789a5ed115eece4fd6f95
Gokov, A.M., Tyrnov, O.F.	The midlatitude ionosphere D-region response to some events on the sun (2003) Advances in Space Research, 31 (4), pp. 1001-1006.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042769789&doi=10.1016%2FS0273-1177%2802%2900817-7&partnerID=40&md5=953bb882c98871087a0ed591e84bfa38
Tyrnov, O.F. , Yemets, B.G.	Fifty years of Kharkiv university's department of radio physics (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256716, pp. 824-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945119726&doi=10.1109%2FCRMICO.2003.159030&partnerID=40&md5=e098096328ff7be24cb0aa75b4a664e
Gokov, A.M., Tyrnov, O.F.	Experimental investigation of middle latitude D-region ionosphere responding to events related to proton precipitations (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (10-11), pp. 123-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751190754&partnerID=40&md5=5a7aa3ea883f4089458f93a9e1933a37
Gokov, A.M., Tyrnov, O.F.	Low frequency whistlers generated in the lower ionosphere during strong thunderstorms (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (10-11), pp. 110-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747042321&partnerID=40&md5=2f8cfd53219f41e1ea8e989fcf22b590
Gokov, A.M., Martynenko, S.I., Rozumenko, V.T., Tyrnov, O.F.	Remote earthquake-induced large-scale ionospheric disturbances and strong mesospheric electric fields (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (10-11), pp. 136-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751193466&partnerID=40&md5=7d2664ec7ef1974b5209f72505bd18c3
Gokov, A.M., Tyrnov, O.F.	Experimental investigations of electron density variations in the middle latitude ionospheric D-region during REMotr strong earthquakes (2001) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 55 (5), pp. 8-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844557987&partnerID=40&md5=f096dd42578cd413e432beb3cd40dc a5

	Martynenko, S.I., Rozumenko, V.T., Tyrnov, O.F.	New possibilities for mesospheric electricity diagnostics (2001) Advances in Space Research, 27 (6-7), pp. 1127-1132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034813557&doi=10.1016%2FS0273-1177%2801%2900208-3&partnerID=40&md5=a70beed8c294c309f224708115a9a818
	Zakharov, I.G., Tyrnov, O.F.	The effect of solar activity on ill and healthy people under conditions of nervous and emotional stresses (2001) Advances in Space Research, 28 (4), pp. 685-690.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035433838&doi=10.1016%2FS0273-1177%2801%2900379-9&partnerID=40&md5=5b19dc4a0ceef02a770177904a0ab2e7
	Ponomarenko, P.V., Yampolski, Y.M., Zalizovsky, A.V., Hysell, D.L., Tyrnov, O.F.	Interaction between artificial ionospheric irregularities and natural MHD waves (2000) Journal of Geophysical Research: Space Physics, 105 (A1), art. no. 1999JA900381, pp. 171-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39449108241&partnerID=40&md5=3f2c7de4e5244309d4e5456b3192d99
	Gokov, A.M., Tyrnov, O.F.	Experimental investigation of the effect of strong thunderstorms on parameters of the middle latitude ionospheric D-region (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (7-8), pp. 6-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144451874&partnerID=40&md5=e010bcbcd70834670d3b8a6c7cae5fcb
	Garmash, K.P., Kostrov, L.S., Rozumenko, V.T., Tyrnov, O.F. , Tsybmal, A.M., Chernogor, L.F.	Global ionospheric disturbances caused by a rocket launch against a background of a magnetic storm (1999) Geomagnetism and Aeronomy, 39 (1), pp. 69-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644500240&partnerID=40&md5=7c966d5e3808f36d1dabceb0eadb3fc
	Zakharov, I.G., Tyrnov, O.F.	Short-term critical frequency variations and their predictions in the midlatitude ionospheric F2 region (1999) Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 24 (4), pp. 371-374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032766354&doi=10.1016%2FS1464-1917%2899%2900014-8&partnerID=40&md5=28f79011bc11f0e7581decaacd479642
	Pushin, V.F., Fedorenko, V.N., Fedorenko, Yu.P., Tyrnov, O.F. , Shagimuratov, I.I.	Space correction of global models of electron number density in the ionosphere by receiving at one site signals from low-orbit satellites (1999) Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 24 (4), pp. 375-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032764250&doi=10.1016%2FS1464-1917%2899%2900015-X&partnerID=40&md5=e4c3c804c5efcab9c92ef0529880d2f
	Gokov, A.M., Tyrnov, O.F.	Experimental studies of the effect of strong thunderstorms on the parameters of the midlatitude ionospheric D-region (1998) Geomagnetism and Aeronomy, 38 (1), pp. 135-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644510452&partnerID=40&md5=83a7a61052b3e3b2d8a29e051f5928ca
	Gokov, A.M., Martynenko, S.I., Rozumenko, V.T., Tsybmal, A.M., Tyrnov, O.F.	Method for derivation of electric fields in the lower ionosphere from measurements with a partial reflection facility (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 271-273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230589&partnerID=40&md5=a9e0010ceb236afe9544578052e8541
	Gokov, A.M., Tyrnov, O.F.	Application of the partial reflections technique to studying the response of the lower ionosphere to strong distant earthquakes (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (4), pp. 92-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031293817&partnerID=40&md5=0e0762b5e38ec65f75ed792a50bc5974
	Kostrov, Leonid S., Martynenko, Sergey I., Milovanov, Yuri B., Rozumenko, Victor T., Tyrnov, Oleg F. , Tsybmal, Anatoly M.	Influence of global disturbances on the propagation of ionospheric MF and HF radio waves: technique (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2236-2239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029726889&partnerID=40&md5=e47b635743d21adbaea0c202d4231a4b
	Nisbet, J.S., Tyrnov, O.F. , Zintchenko, G.N., Ross, W.J.	Limits on the accuracy of correction of trans - ionospheric propagation errors by using ionospheric models based on solar and magnetic indices and local measurements (1981) Radio Science, 16 (1), pp. 127-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019482159&doi=10.1029%2FRS016001p00127&partnerID=40&md5=81d7cf5d3e9dbc1a4790a86dc0050543
	Kapanin, I.I., Mizun, Yu.G., Misyura, V.A., Podnos, V.A., Tyrnov, O.F. , Tsybmal, A.M., Yagovkin, A.R.	MEASUREMENT OF IONOSPHERIC PARAMETERS BY SATELLITE SIGNALS. (1974) Cosmic Res, 12 (4), pp. 527-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016082921&partnerID=40&md5=3c843b697b7c5908e22bb45147dff7e1
56	Savich, S.V., Samoilov, A.V. , Vovk, R.V., Dobrovolskiy, O.V., Kamchatna, S.N., Dolgopola, Y.V., Chernovol-Tkachenko, O.A.	Excess conductivity and the pseudogap state in HF-doped YBa ₂ Cu ₃ O _{7-δ} ceramics (2016) Modern Physics Letters B, 30 (4), art. no. 1650034, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959213929&doi=10.1142%2FS0217984916500342&partnerID=40&md5=58571d6c5fcb308aab622ab0f976f7bd
	Savich, S.V., Samoilov, A.V. , Samsonik, A.L., Sukhov, V.N., Tiutierieva, K.V., Rusalovich, A.I., Vovk, R.V., Boynik, A.B., Chroneos, A.	Conductivity of YBCO ceramics in a wide range of temperatures and hafnium impurities concentrations (2016) Functional Materials, 23 (1), pp. 21-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962140745&doi=10.15407%2fmm23.01.021&partnerID=40&md5=014fa7ea86d044dad2307002f485c118
	Vovk, R.V., Samoilov, A.V. , Goulatis, I.L., Chroneos, A.	Influence of intrinsic pinning on the resistive properties of YBa ₂ Cu ₃ O _{7-δ} single crystals (2013) Modern Physics Letters B, 27 (30), art. no. 1350220, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888375602&doi=10.1142%2FS0217984913502205&partnerID=40&md5=bfade80a22411432e5f20ce2dfeccd7d
	Vovk, R.V., Vovk, N.R., Samoilov, A.V.	Effect of praseodymium doping on electroresistivity along c-axis in Y _{1-x} Pr _x Ba ₂ Cu ₃ O _{7-δ} single crystals (2013) Functional Materials, 20 (4), pp. 457-461.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891758595&partnerID=40&md5=1419b4de2e65b2e9578d1ec9e45b6e89
	Vovk, R.V., Vovk, N.R., Samoilov, A.V. , Goulatis, I.L., Chroneos, A.	Effect of long aging on the resistivity properties of optimally doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2013) Solid State Communications, 170, pp. 6-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884826213&doi=10.1016%2fj.ssc.2013.07.011&partnerID=40&md5=129ac1101bb388e5c1342075db53ffbd
	Zavgorodniy, A.A., Vovk, R.V., Obolskii, M.A., Samoilov, A.V. , Revyakina, M.G., Biletskiy, Y.V., Pinto Simoes, V.M.	Metal - dielectric transition and temperature dependence of the pseudo-gap in YBa ₂ Cu ₃ O _{7-δ} single crystals: Effect of pressure and oxygen nonstoichiometry (2010) Functional Materials, 17 (2), pp. 143-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888214013&partnerID=40&md5=089fb06727a53bc6195e9464ca9e1ec6
	Zavgorodniy, A.A., Vovk, R.V., Obolskii, M.A., Samoilov, A.V.	Magnetoresistance and 2D-3D crossover in aluminum-doped YBa ₂ Cu ₃ -zAlzO _{7-δ} single crystals with a system of unidirectional twinning boundaries (2010) Low Temperature Physics, 36 (1), art. no. 012001LTP, pp. 115-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950688079&doi=10.1063%2f1.3292281&partnerID=40&md5=d630acb3a46d91a667141739c8cb6c4
	Vovk, R.V., Obolskii, M.A., Bondarenko, A.V., Goulatis, I.L., Samoilov, A.V. , Chroneos, A., Simoes, V.M.P.	Transport anisotropy and pseudo-gap state in oxygen deficient ReBa ₂ Cu ₃ O _{7-δ} (Re = Y, Ho) single crystals (2008) Journal of Alloys and Compounds, 464 (1-2), pp. 58-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49949103582&doi=10.1016%2fj.jallcom.2007.10.040&partnerID=40&md5=75559b1bc8cf4516eb125a0ed871f434
	Vovk, R.V., Obolskii, M.A., Zavgorodniy, A.A., Bondarenko, A.V., Goulatis, I.L., Samoilov, A.V. , Chroneos, A.	Effect of high pressure on the fluctuation conductivity and the charge transfer of YBa ₂ Cu ₃ O _{7-δ} single crystals (2008) Journal of Alloys and Compounds, 453 (1-2), pp. 69-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40349116192&doi=10.1016%2fj.jallcom.2006.11.169&partnerID=40&md5=c71ce0ac86b685e0774e64a44fe1c7
	Yeh, N.-C., Vasquez, R.P., Fu, C.C., Samoilov, A.V. , Li, Y., Vakili, K.	Erratum: Nonequilibrium superconductivity under spin-polarized quasiparticle currents in perovskite ferromagnet-insulator-superconductor heterostructures (Physical Review B (1999) 60:10 (522)) (2001) Physical Review B - Condensed Matter and Materials Physics, 63 (21), art. no. 021990, p. 2199021.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034903604&partnerID=40&md5=a2747883e904db7a44b9828a412245
	van der Beek, C.J., Konczykowski, M., Samoilov, A.V. , Chikumoto, N., Bouffard, S., Feigel'man, M.V.	Defect-unbinding and the Bose-glass transition in layered superconductors (2001) Physical Review Letters, 86 (22), pp. 5136-5139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035962989&doi=10.1103%2FPhysRevLett.86.5136&partnerID=40&md5=44febca466b84e973a7b4d44ce0c4e1
	Yeh, N.-C., Fu, C.-C., Xie, X., Vasquez, R.P., Samoilov, A.V.	Magnetic percolation effect on the spontaneous Hall resistivity and magnetoresistance of La _{1-x} AxCoO ₃ (A = Ca, Sr; 0.1 ≤ x ≤ 0.5) (2000) Physica B: Condensed Matter, 284-288 (PART II), pp. 1446-1447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033706128&partnerID=40&md5=a68daf4754f7ebae2dc9d455ed45770
	Van Der Beek, C.J., Konczykowski, M., Drost, R.J., Kes, P.H., Samoilov, A.V. , Chikumoto, N., Bouffard, S., Feigel'Man, M.V.	Entropy, vortex interactions and the phase diagram of heavy-ion irradiated Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} (2000) Physica C: Superconductivity and its Applications, 332 (1), pp. 178-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033749912&doi=10.1016%2FS0921-4534%2899%2900663-2&partnerID=40&md5=e1e590b7438218baece510f060067595

	Yeh, N.-C., Vasquez, R.P., Fu, C.C., Samoilov, A.V. , Li, Y., Vakili, K.	Nonequilibrium superconductivity under spin-polarized quasiparticle currents in perovskite ferromagnet-insulator-superconductor heterostructures (1999) Physical Review B - Condensed Matter and Materials Physics, 60 (14), pp. 10522-10526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000222187&partnerID=40&md5=96f2b217b7d8007a457a185d5c0dbf4e
	Boris, A.V., Kovaleva, N.N., Bazhenov, A.V., Van Benthum, P.J.M., Rasing, Th., Cheong, S.-W., Samoilov, A.V. , Yeh, N.-C.	Infrared studies of a La0.67Ca0.33MnO3 single crystal: Optical magnetoconductivity in a half-metallic ferromagnet (1999) Physical Review B - Condensed Matter and Materials Physics, 59 (2), pp. R697-R700.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039800547&partnerID=40&md5=01726c965c41ac4556052adc2783c70b
	Samoilov, A.V. , Beach, G., Fu, C.C., Yeh, N.-C., Vasquez, R.P.	Giant spontaneous Hall effect and magnetoresistance in La 1-xCaxCoO3 (0.1≤x≤0.5) (1998) Journal of Applied Physics, 83 (11), pp. 6998-7000.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000307446&partnerID=40&md5=06710ce912e3bf86e80e383165f1c4d2
	Samoilov, A.V. , Beach, G., Fu, C.C., Yeh, N.-C., Vasquez, R.P.	Magnetic percolation and giant spontaneous Hall effect in La1-xCaxCoO3 (0.2≤x≤0.5) (1998) Physical Review B - Condensed Matter and Materials Physics, 57 (22), pp. R14032-R14035.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001186009&partnerID=40&md5=a799572a7cd1aff49238d32cefd4420c
	Samoilov, A.V. , Yeh, N.-C., Tsuei, C.C.	Electron localization effects on the low-temperature high-field magnetoresistivity of three-dimensional amorphous superconductors (1998) Physical Review B - Condensed Matter and Materials Physics, 57 (2), pp. 1206-1213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012439336&partnerID=40&md5=0b27cd753525c5e7e66e87ad0e64bbe0
	Samoilov, A.V. , Yeh, N.-C., Vasquez, R.P.	Giant ferromagnetic Hall coefficient in La0.5Ca0.5CoO3 (1997) Materials Research Society Symposium - Proceedings, 477, pp. 247-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031345301&partnerID=40&md5=591693dffaaf333a01bcc933b9187dead
	Yeh, N.-C., Vasquez, R.P., Wei, J.V.T., Fu, C.-C., Beach, G., Huynh, J., Samoilov, A.V. , Boris, A.V., Kovaleva, N.N., Bazhenov, A.V.	Effects of lattice distortion, polaron conduction and double-exchange interaction on the physical properties of magnetoresistive manganites and cobaltites (1997) Materials Research Society Symposium - Proceedings, 477, pp. 145-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17344377702&partnerID=40&md5=85160bbd70c98bb5a0ec9f8dc8a9
	Samoilov, A.V. , Konczykowski, M., Feigel'man, M.V., Holtzberg, F.	Bose-glass and entanglement - Disentanglement transitions in YBa2Cu3O7 (1997) Physica C: Superconductivity and its Applications, 282 (PART 4), pp. 2053-2054.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031209312&partnerID=40&md5=46229bd7dab011a427eb8c31a2e22bc
	Boris, A.V., Kovaleva, N.N., Bazhenov, A.V., Samoilov, A.V. , Yeh, N.-C., Vasquez, R.P.	Infrared optical properties of La0.7Ca0.3MnO3 epitaxial films (1997) Journal of Applied Physics, 81 (8 PART 2B), pp. 5756-5758.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000565066&partnerID=40&md5=64712fbd8e80fae5b17080510c1ca7bd
	Samoilov, A.V. , Yeh, N.-C., Tsuei, C.C.	Negative Magnetoresistance in Amorphous 3D Superconducting Films at High (up to 30 T) Magnetic Fields (1996) Czechoslovak Journal of Physics, 46 (SUPPL. 2), pp. 761-762.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22044449588&doi=10.1007%2F02583688&partnerID=40&md5=d977f7458b44844cc47f149f421227d
	Samoilov, A.V. , Feigel'man, M.V., Konczykowski, M., Holtzberg, F.	Upper limit of the bose-glass transition in YBa2Cu3O7 at high density of columnar defects (1996) Physical Review Letters, 76 (15), pp. 2798-2801.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243703702&partnerID=40&md5=a57e4aeec741d7607621394adfe22c38
	Samoilov, A.V. , Konczykowski, M.	Comment on "bose-glass melting in YBaCuO crystals with correlated disorder" (1995) Physical Review Letters, 75 (1), p. 186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243643332&doi=10.1103%2FPhysRevLett.75.186&partnerID=40&md5=c89e8f507d6710c15efe6f413044164d
	Samoilov, A.V. , Konczykowski, M., Yeh, N.-C., Berry, S., Tsuei, C.C.	Electric-field-induced electronic instability in amorphous Mo3Si superconducting films (1995) Physical Review Letters, 75 (22), pp. 4118-4121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243583707&doi=10.1103%2FPhysRevLett.75.4118&partnerID=40&md5=05sec1a74d3d8d49814bf3d707b42d
	Reed, D.S., Yeh, N.-C., Konczykowski, M., Samoilov, A.V. , Holtzberg, F.	Critical scaling of third-harmonic transmissivity near the Bose-glass transition in YBa2Cu3O7 single crystals with columnar defects (1995) Physical Review B, 51 (22), pp. 16448-16451.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000038635&doi=10.1103%2FPhysRevB.51.16448&partnerID=40&md5=a34ea2104b7121efc87e9fab3118ce3e
	Samoilov, A.V. , Legris, A., Rullier-Albenque, F., Lejay, P., Bouffard, S., Ivanov, Z.G., Johansson, L.-G.	Mixed-state Hall conductivity in high- Tc superconductors: Direct evidence of its independence on disorder (1995) Physical Review Letters, 74 (12), pp. 2351-2354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11944274068&doi=10.1103%2FPhysRevLett.74.2351&partnerID=40&md5=8cac164bf128eb9caaeefc43d102342
	Samoilov, A.V.	Thermomagnetic phenomena in the mixed state of HTSC: Anisotropy and effect of pinning (1994) Journal of Superconductivity, 7 (2), pp. 337-339.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028406258&doi=10.1007%2FBF00724564&partnerID=40&md5=1f52b3495a6dadd3909413d24f25abfa
	Samoilov, A.V.	Sign reversal of the fluctuation Hall conductivity in YBa2Cu3O7- δ superconductor (1994) Physica B: Physics of Condensed Matter, 194-196 (PART 2), pp. 2317-2318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18344415089&doi=10.1016%2F0921-4526%2894%2991658-6&partnerID=40&md5=6455596897a4054e79add2109be01785
	Samoilov, A.V. , Ivanov, Z.G., Johansson, L.-G.	Hall conductivity in Ti2Ba2CaCu2O8 thin films (1994) Physica B: Physics of Condensed Matter, 194-196 (PART 2), pp. 2319-2320.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17144466255&doi=10.1016%2F0921-4526%2894%2991659-4&partnerID=40&md5=b62138e36afde0244d95d0c8fd13f55c
	Samoilov, A.V.	Fluctuations in the Hall conductivity and dynamics of the order parameter in YBa2Cu3O7- δ superconductors (1994) Physical Review B, 49 (2), pp. 1246-1249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749031377&doi=10.1103%2FPhysRevB.49.1246&partnerID=40&md5=bd2034e9d0c0dba1fb70514574c03e92
	Samoilov, A.V. , Ivanov, Z.G., Johansson, L.-G.	Hall conductivity in Ti2Ba2CaCu2O8 films in the mixed state (1994) Physical Review B, 49 (5), pp. 3667-3670.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243476597&doi=10.1103%2FPhysRevB.49.3667&partnerID=40&md5=de15bba41deae4f5ec27ba89c6132bb0
	Samoilov, A.V. , Legris, A., Rullier-Albenque, F., Lejay, P., Bouffard, S., Ivanov, Z.G., Johansson, L.-G.	Hall effect in high-Tc superconductors with columnar defects (1994) Physica C: Superconductivity and its applications, 235-240 (PART 5), pp. 3141-3142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43949157111&doi=10.1016%2F0921-4534%2894%2991097-9&partnerID=40&md5=8378a0fc848ece67565e4d57ac488659
	Samoilov, A.V.	Universal behavior of the Hall resistivity of single crystalline Bi2Sr2CaCu2Ox in the thermally activated flux flow regime (1993) Physical Review Letters, 71 (4), pp. 617-620.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4043169736&doi=10.1103%2FPhysRevLett.71.617&partnerID=40&md5=14179fca7b9016b4a55fd72ad6aba9a
	Samoilov, A.V. , Yurgens, A.A., Zavaritsky, N.V.	Vortex motion under the influence of a temperature gradient (1992) Physical Review B, 46 (10), pp. 6643-6646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0010444572&doi=10.1103%2FPhysRevB.46.6643&partnerID=40&md5=534be2db34e09fe010e7384bcc4f2ae8
	Zavaritsky, N.V., Samoilov, A.V. , Yurgens, A.A.	Mixed state properties of Bi2Sr2CaCu2Ox single crystals with Tc=95 K (1991) Physica C: Superconductivity and its applications, 185-189 (PART 3), pp. 1817-1818.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041373812&doi=10.1016%2F0921-4534%2891%2991034-2&partnerID=40&md5=6b83c60c0fdecc3fb8fde90e8b7e1980
	Zavaritsky, N.V., Samoilov, A.V. , Yurgens, A.A.	Transport coefficients and flux motion in Bi2Sr2CaCu2Ox single crystals (1991) Physica C: Superconductivity and its applications, 180 (5-6), pp. 417-425.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026222511&doi=10.1016%2F0921-4534%2891%2990556-E&partnerID=40&md5=fad893d7bcf952516b46102017a85fb3
	Zavaritsky, N.V., Samoilov, A.V. , Yurgens, A.A.	Transport properties of Bi2Sr2CaCu2Ox single crystals with Tc=95 K (1990) Physica C: Superconductivity and its applications, 169 (1-2), pp. 174-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025462558&doi=10.1016%2F0921-4534%2890%2990306-Y&partnerID=40&md5=995d4c3940f32b166ee10f7d5854751
	Zavaritsky, N.V., Samoilov, A.V. , Yurgens, A.A., Klochko, V.S., Makarov, V.I.	Phonon transport phenomena in high-Tc superconductors (1989) Physica C: Superconductivity and its applications, 162-164 (PART 1), pp. 562-563.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024911892&doi=10.1016%2F0921-4534%2889%2991156-8&partnerID=40&md5=efe69ac315cb2596ce2649a19f2cb9ab
	Batalov, A.A., Maslov, M.A., Rykov, V.L., Scherbakov, P.A., Sharifullin, Z.N., Shirshov, L.S., Grachev, M.I., Samoilov, A.V.	A focusing device for neutrino sources at meson factories (1986) Nuclear Inst. and Methods in Physics Research, A, 251 (2), pp. 231-241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022795740&doi=10.1016%2F0168-9002%2886%2990787-4&partnerID=40&md5=06cfed830c962fad53ac9474860a69a

	Baranov, D.S., Bugorsky, A.P., Ivanilov, A.A., Kochetkov, V.I., Konyushko, V.I., Korablev, V.M., Korotkov, V.A., Kurbakov, V.I., Kuznetsov, E.P., Makeev, V.V., Mjagkov, A.G., Mukhin, A.I., Nikitin, Yu.P., Parshikura, S.N., Polyarush, A.Yu., Rjabov, Yu.G., Samoilov, A.V. , Smirnov, Yu.I., Sokolov, A.A., Sviridov, Yu.M., Volkov, A.A., Volkov, G.G.	Measurement of the $\nu\mu$ total cross section at 2-30 GeV in a skat neutrino experiment (1979) Physics Letters B, 81 (2), pp. 255-257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037818860&doi=10.1016%2F0370-2693%2879%2990536-7&partnerID=40&md5=2a6296330d7f572ae3b7173671f9dbe2
	Asratyan, A.E., Epstein, V.Sh., Fakhrutdinov, R.M., Goryachev, V.N., Grigoriev, E.A., Kalganov, N.V., Kaftanov, V.S., Khovansky, V.D., Knyazev, S.A., Kochetkov, V.I., Kornelyuk, Yu.G., Kubantsev, M.A., Kulikov, A.V., Kurbakov, V.I., Maksimov, I.P., Mukhin, A.I., Pereygin, V.F., Platonov, V.G., Rzaev, R.A., Rosanov, A.N., Ryabinin, M.S., Savitsky, M.M., Samoilov, A.V. , Serezhin, B.M., Shamanov, V.V., Shevchenko, V.G., Smotryaev, V.A., Sviridov, Yu.M., Trostin, I.S., Volkov, A.A., Vovenko, A.S., Yarba, V.A., Zaytzev, A.A., Zeldovich, S.A., Zhemanov, S.A., Zhigunov, V.P., Zudin, Yu.A.	Search for prompt neutrinos in 70 GeV pN collisions (1978) Physics Letters B, 79 (4-5), pp. 497-500.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000945542&doi=10.1016%2F0370-2693%2878%2990414-8&partnerID=40&md5=a38f00018ca46f4de449842de3bf14c5
	Baratov, D.G., Bikbulatov, N.Z., Vasil'ev, V.V., Eremenko, E.V., Knyazev, S.A., Lastochkin, Yu.A., Oshchepkov, V.P., Rykov, V.L., Samoilov, A.V. , Tushabramishvili, K.Z., Chernov, A.V.	NEUTRINO BEAM OF THE INSTITUTE OF HIGH-ENERGY PHYSICS. V. PULSED POWER SUPPLY FOR THE NEUTRINO FOCUSING SYSTEM. (1978) Sov Phys Tech Phys, 23 (1), pp. 53-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017830864&partnerID=40&md5=68a41eed5c95d101b2c5ba360003d5b2
	Rzaev, R.A., Samoilov, A.V. , Fedukov, Yu.D.	SINGLE AND MULTIPLE SCATTERING OF MUON BEAMS IN A FOCUSING MAGNETIC FIELD. (1975) Sov Phys Tech Phys, 20 (11), pp. 1471-1474.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016726279&partnerID=40&md5=a9b9dba3b0507432a2fe450a6e330f4
	Gershtein, S.S., Samoilov, A.V. , Sapunov, Yu.M., Frolov, A.M., Alikhanyan, A.I., Bayatyan, G.L., Vartanyan, G.S., Kzyanyan, S.G., Margaryan, A.T., Belousov, A.S., Budanov, N.P., Govorkov, B.B., Minarik, E.V., Rusakov, S.V., Tamm, E.I., Cherenkov, P.A., Shareiko, P.N.	Electron beams with momenta up to 46 GeV/c in the Serpukhov accelerator (1973) Soviet Atomic Energy, 35 (3), pp. 820-826.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015661035&doi=10.1007%2F01164097&partnerID=40&md5=3d3d161a334886f897f9713d04f4efcfe
	Aleksandrov, I.A., Bolotov, V.N., Devisheva, M.N., Devishev, M.I., Isakov, V.V., Samoilov, A.V.	Study of particle beams with energies up to 70 GeV using a spark spectrometer (1972) Soviet Atomic Energy, 31 (6), pp. 1374-1379.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250470325&doi=10.1007%2F01371962&partnerID=40&md5=68c2ca3efec1f81a0105e175fc8f6f6e
	Aleksandrov, I.A., Grachev, M.I., Gubrienko, K.I., Eremenko, E.V., Kotov, V.I., Nekrasov, A.N., Prilepin, A.A., Pichugin, V.A., Rzaev, R.A., Samoilov, A.V. , Seleznev, V.S., Serebryakov, B.A., Khanamiryan, A.E., Khodyrev, Yu.S.	Channel for negative particles with momenta to 60 GeV/c (1970) Soviet Atomic Energy, 29 (1), pp. 712-717.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250469362&doi=10.1007%2F01338774&partnerID=40&md5=0f3f06e15e1c8986fa871f849c5f4bb
	Nekrasov, M.M., Samoilov, A.V.	Investigation of the piezoelectric constants of polycrystalline ferroelectrics of the barium titanate type (1969) Soviet Physics Journal, 9 (1), pp. 87-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250499478&doi=10.1007%2F00818503&partnerID=40&md5=fadb b208876d8fca14c17f8d4aa1ada1
	Kirilov-Ugryumov, V.G., Kropin, A.A., Roganov, V.S., Samoilov, A.V.	The angular and energy dispersion of π -mesons in the scattered magnetic field of a six-meter synchrocyclotron (1962) The Soviet Journal of Atomic Energy, 11 (3), pp. 894-896.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250583814&doi=10.1007%2F01491188&partnerID=40&md5=1cfb4f9f857afe06123cb5a3137004c2
	Kirilov-Ugryumov, V.G., Kotenko, L.P., Kuznetsov, E.P., Samoilov, A.V.	Determination of the masses and momenta of charged particles from multiple scattering measurements in a propane bubble chamber (1958) Nuclear Instruments, 3 (5), pp. 265-270.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49749195314&partnerID=40&md5=ee57b1d2ae0a6861c982c44849e9ab13
57	Yeliseyeva, N.P. , Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Resonant phenomena at diffraction of tilted impedance dipole field on finite size screen (2016) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2016-December, art. no. 7772209, pp. 49-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009751207&doi=10.1109%2FDIPED.2016.7772209&partnerID=40&md5=16c576bafa419bba88a0ed4452938433
	Yeliseyeva, N.P. , Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Polarization of wave formed by impedance wire dipole with screen depending on screen sizes (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724192, pp. 213-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000774389&doi=10.1109%2F0164226916070044&partnerID=40&md5=fa86dcfa04e67a8d22af79c1ff243e8
	Yeliseyeva, N.P. , Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Formation of circularly polarized wave by impedance wire dipole located over square screen (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544033, pp. 396-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985006918&doi=10.1109%2FMMET.2016.7544033&partnerID=40&md5=0a76d1c8a61987696d19539296241b4
	Yeliseyeva, N.P. , Gorobets, N.N., Gorobets, A.N.	Characteristics of near field of the horizontal vibrator located above a square screen (2016) Journal of Communications Technology and Electronics, 61 (7), pp. 749-766.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979217652&doi=10.1134%2FIS1064226916070044&partnerID=40&md5=befa54806f476a3c7d37d29810b7998
	Yeliseyeva, N.P. , Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Directional and polarization radiation characteristics of a horizontal impedance vibrator located above a rectangular screen (2016) Journal of Communications Technology and Electronics, 61 (2), pp. 99-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961615419&doi=10.1134%2FIS1064226916010046&partnerID=40&md5=9bc751be6caebb3830010771555c51be
	Yeliseyeva, N.P. , Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Directive gain of horizontal impedance vibrator located over finite-size perfectly conducting screen (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324255, pp. 71-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959247215&doi=10.1109%2FDIPED.2015.7324255&partnerID=40&md5=1a26404908a9a56d76f4f352c406e3b
	Gorobets, N.N., Yeliseyeva, N.P.	Electrodynamic characteristics of a four-vibrator radiator with a square screen (2015) Journal of Communications Technology and Electronics, 60 (5), pp. 454-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929165625&doi=10.1134%2FIS1064226915040075&partnerID=40&md5=fb280cc4dad123047dd43e4b60ccbb8
	Yeliseyeva, N.P. , Berdnik, S.L., Katrich, V.A., Nesterenko, M.V.	Electrodynamic characteristics of horizontal impedance vibrator located over a finite-dimensional perfectly conducting screen (2015) Progress In Electromagnetics Research B, 63 (1), pp. 275-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954525361&doi=10.2528%2FPIERB15043003&partnerID=40&md5=1ed280e7bab58a2ee1e6644453cddb98
	Yeliseyeva, N.P. , Gorobets, N.N., Gorobets, A.N.	Calculation of near field of dipole placed above rectangular screen (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136794, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939440375&doi=10.1109%2FICATT.2015.7136794&partnerID=40&md5=7322bdccae9217cad2e10226d9860643
	Yeliseyeva, N.P.	The input impedance and the resonance length of two parallel dipoles with a rectangular screen (2014) Journal of Communications Technology and Electronics, 59 (3), pp. 208-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896932896&doi=10.1134%2FIS1064226914030036&partnerID=40&md5=fbcfb22d26da5f49721061346c46777e

Yeliseyeva, N.P.	Electrodynamic characteristics of impedance dipole located over ideally conducting rectangular screen (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928696, pp. 198-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910030077&doi=10.1109%2FMMET.2014.6928696&partnerID=40&md5=85e19010ec296d63b2bf374586e132e
Yeliseyeva, N.P., Gorobets, N.N.	Synthesis of circularly polarized field radiated by four electric dipoles located over square screen (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6928694, pp. 191-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910066551&doi=10.1109%2FMMET.2014.6928694&partnerID=40&md5=aefa803f06f118a24921261fdiddb3d7
Gorobets, O.M., Yeliseyeva, N.P., Gorobets, M.M.	Power and polarization patterns of a circularly polarized four-dipole radiator with a square screen (2014) 20th International Conference on Microwaves, Radar and Wireless Communications, MIKON 2014, art. no. 6899964, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908636821&doi=10.1109%2FMIKON.2014.6899964&partnerID=40&md5=4ba45780ed0ce125ae03da7cdd17a03c
Gorobets, N.N., Eliseeva, N.P.	The radiation characteristics of two parallel electric dipoles with a finite screen (2013) Journal of Communications Technology and Electronics, 58 (8), pp. 753-761.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882690550&doi=10.1134%2FIS1064226913060065&partnerID=40&md5=8b417c9b9a18e730b0013434ae04dda
Yeliseyeva, N.P.	Calculation and analysis of near field of dipole with corner reflector (2013) 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650851, pp. 583-585.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898634065&doi=10.1109%2FICATT.2013.6650851&partnerID=40&md5=9d27920e3158d82da26b0fd1aaea40d3
Gorobets, N.N., Yeliseyeva, N.P.	Wave processes in near zone of Hertz dipole with plane screen (2013) 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650850, pp. 580-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898636120&doi=10.1109%2FICATT.2013.6650850&partnerID=40&md5=6984a2a45cbe7a10c03f3bb037fb4182
Yeliseyeva, N., Gorobets, N.	Optimization of radiation characteristics of wire antenna with finite size plane, V - and TI - figuration corner reflectors (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331151, pp. 561-565.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870824811&doi=10.1109%2FMMET.2012.6331151&partnerID=40&md5=6b5eebb6c37b66526e58101571be37c6
Yeliseyeva, N.P.	Influence of mutual coupling between two dipoles on their resonant length in metal screen presence (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379778, pp. 198-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872233700&doi=10.1109%2FUWBUSIS.2012.6379778&partnerID=40&md5=22085cac6fbb38d9072c24a589c773de
Yeliseyeva, N.P., Gorobets, N.N.	Resonant length of electric dipole located inside dihedral corner reflector (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379769, pp. 170-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872244711&doi=10.1109%2FUWBUSIS.2012.6379769&partnerID=40&md5=8de896ca36b0e13f2532b27e3093880
Gorobets, N.N., Yeliseyeva, N.P., Antonenko, Ye.A.	Optimisation of radiation characteristics of wire-screened antennas (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 71 (1), pp. 59-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860636856&doi=10.1615%2FTelecomRadEng.v71.i1.60&partnerID=40&md5=682be6648d7b00c1d8e8a3d53fa3e41
Gorobets, N.N., Yeliseyeva, N.P.	Optimized vibrator radiator with flat finite size screen (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170742, pp. 205-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859965959&doi=10.1109%2FICATT.2011.6170742&partnerID=40&md5=fc75dea11a3049ed3b555b78a73aa38a
Yeliseyeva, N.P., Gorobets, N.N.	Influence of edge effects on radiation of resonant vibrator with square screen (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069061, pp. 575-576.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143451&partnerID=40&md5=89a8b2cf5a4265c949d4f5e7de39760
Yeliseyeva, N.P.	Resonant length and input impedance of a nonsymmetrical dipole (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669361, pp. 71-73.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649221591&doi=10.1109%2FUWBUSIS.2008.4669361&partnerID=40&md5=5d6140e276b01914894611d6a1e6879c
Yeliseyeva, N.P., Gorobets, N.N.	Radiation of an electric dipole located inside the II-shaped reflector with finite dimensions (2008) Radioelectronics and Communications Systems, 51 (12), pp. 631-641.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58449121972&doi=10.3103%2FIS073527208120017&partnerID=40&md5=910ecee2ec63d718adf74018c46e6d18
Yeliseyeva, N.P.	Diffraction of the radiation of an electric dipole arbitrarily positioned inside a corner reflector (2008) Journal of Communications Technology and Electronics, 53 (7), pp. 731-746.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48449097174&doi=10.1134%2FIS1064226908070012&partnerID=40&md5=149cb15cd597256ea0198816470819a7
Yeliseyeva, N.P.	Input impedance of an electric dipole arbitrarily oriented in a corner reflector (2008) Journal of Communications Technology and Electronics, 53 (2), pp. 170-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43249087356&doi=10.1007%2F11487-008-2006-2&partnerID=40&md5=3213d19222fb7d74a80a492df3ca9b4
Gorobets, N.N., Yeliseyeva, N.P.	Synthesis of a circular polarized field radiated by an electric dipole located over a rectangular screen (2008) Journal of Communications Technology and Electronics, 53 (1), pp. 26-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43249083026&doi=10.1007%2F11487-008-1003-9&partnerID=40&md5=c8c38702545107a49250293d940719
Yeliseyeva, N.P.	Features of radiation pattern formation of wire antenna located inside [I]-figuration corner reflector (2007) Proceedings of 12th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2007, art. no. 4373603, pp. 174-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249093350&doi=10.1109%2FDIPED.2007.4373603&partnerID=40&md5=aedcd1aee803dc07bb7de1f95123dd9a
Yeliseyeva, N.P., Gorobets, N.N.	Influence of diffraction effects on radiation of the electric dipoles located inside II-figuration corner reflector (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425217, pp. 376-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849100008&doi=10.1109%2FICATT.2007.4425217&partnerID=40&md5=0027aad1d53135eda0beaad1f172266
Yeliseyeva, N.P.	The radiation resistance of an arbitrarily oriented electric dipole exciting a corner antenna or a plane screen (2006) Journal of Communications Technology and Electronics, 51 (4), pp. 380-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746867939&doi=10.1134%2FIS1064226906040036&partnerID=40&md5=c4b95c92b5c9e34e51547f010e2f3a96
Gorobets, N.N., Yeliseyeva, N.P.	Polarization effects caused by diffraction of the radiated of an arbitrarily oriented electric dipole at the edge of a perfectly conducting half plane (2006) Journal of Communications Technology and Electronics, 51 (2), pp. 147-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644590538&doi=10.1134%2FIS1064226906020033&partnerID=40&md5=2bd1afc3e72acd6b4b34b302bf88866
Yeliseyeva, N.P.	The input impedance of an arbitrarily oriented electric dipole located over a rectangular screen. Part 2 - The calculation results (2005) Radioelectronics and Communications Systems, 48 (12), pp. 1-4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846464163&partnerID=40&md5=91c8be49d9e709d23a29f8d61ff788be
Yeliseyeva, N.P.	Technique of calculating the driving-point impedance of tilted dipole with flat screen (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496912, pp. 166-169.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745466607&doi=10.1109%2FICATT.2005.1496912&partnerID=40&md5=2b9880433cfd50cb3e0a4f1e5c6349c
Yeliseyeva, N.P.	The input impedance of an arbitrarily oriented electric dipole located over a rectangular screen. Part 1 - The method of calculation (2005) Radioelectronics and Communications Systems, 48 (11), pp. 4-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751004392&partnerID=40&md5=ef448a3fd29227307e4f211e78c9f22a
Gorobetz, N.N., Yeliseyeva, N.P.	Radiation characteristics of an electric dipole of arbitrary orientation placed above a plane screen (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 60 (3-4), pp. 30-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547262894&doi=10.1615%2FTelecomRadEng.v60.i34.50&partnerID=40&md5=aa188f2dabff4d6d22148bb9f0838a6a
Gorobets, N.N., Yeliseyeva, N.P.	Total analysis of radiation characteristics of electric dipole with rectangular screen (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238771, pp. 459-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849121594&doi=10.1109%2FICATT.2003.1238771&partnerID=40&md5=a4d96e66d6d606bb5143e1fbaa909fe
Eliseeva, N.P.	Directivity and radiation resistance of finite-size angle-reflector antenna excited by vertical or horizontal electric dipole (2002) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 45 (5), pp. 65-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036412299&partnerID=40&md5=15efebaf65beac284001ede95109e627
Yeliseyeva, N.P., Gorobets, N.N.	Radiation resistance of an electric dipole having different orientations when changing the position of a plane screen (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, art. no. 1106894, pp. 313-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948979282&doi=10.1109%2FMMET.2002.1106894&partnerID=40&md5=a0f55ac8f76dc76c0d9c1afc0909acc4f

	Eliseeva, N.P.	Optimizing the directivity factor of a finite corner antenna with a circularly polarized radiation field (2001) Radiotekhnika i Elektronika, 46 (8), pp. 966-975.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035777859&partnerID=40&md5=055673e47b601f492424b19b5a858523
	Gorobets, N.N., Yeliseyeva, N.P.	Gains of electric dipole arbitrarily oriented and placed above the rectangular screen (2001) Proceedings of 6th International Seminar/Workshop on: Direct and Inverse problems of Electromagnetic and Acoustic Wave Theory, pp. 29-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035790929&partnerID=40&md5=e581babe1adcd9bf4cf34a187c7e164e
	Eliseeva, N.P.	Optimizing the Directivity Factor of a Finite Corner Antenna with a Circularly Polarized Radiation Field (2001) Journal of Communications Technology and Electronics, 46 (8), pp. 891-900.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042233659&partnerID=40&md5=17b3e4c5ffca2723006fb85a59036e9f
	Yeliseyeva, N.P.	Polarization characteristics of the electric dipole located above a plane screen (2001) CrMiCo 2001 - 11th International Conference, art. no. 1173889, pp. 396-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956678598&partnerID=40&md5=b6eb88bca6f8b7fe5a6511dde7ca2e2c
	Yeliseyeva, N.P.	Diffraction phenomena at the transversal edges of corner reflector antenna of arbitrary apex angle (2000) Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, pp. 100-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034587129&partnerID=40&md5=c04de4b4bf3d9395c9a4dc3895430afd
	Yeliseyeva, N.P.	Optimizing gain of finite size corner-reflector antenna (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CrMiCo 2000, art. no. 1256113, pp. 302-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953789041&doi=10.1109%2FCRMICO.2000.1256113&partnerID=40&md5=7712f49592876da433635b3dc6e654d
	Yeliseyeva, N.P.	Pattern analysis of an arbitrarily oriented oscillator placed above a plane screen (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (1), pp. 43-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013302417&partnerID=40&md5=7482fa6ac4da8960b19e48bbc9d882b0
	Gorobets, Nikolay N., Yeliseyeva, Nadezhda P.	Influence of diffraction effects on radiation characteristics of a wire antenna with finite-size plane and corner reflectors of arbitrary apex angle (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 568-570.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230574&partnerID=40&md5=8bdfb9594d4ce1b823160305731b9178
	Yeliseyeva, N.P.	Radiation resistance of an electric dipole oriented arbitrarily above a plane screen (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (2-3), pp. 195-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031293677&partnerID=40&md5=6b99459df879aac5bef0298e7043be35
	Gorobets, N., Yeliseyeva, N.	Calculation and optimization of directional characteristics of vibrator antenna with limited dimensional screen (1996) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 513-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030395025&partnerID=40&md5=97cae21febfee9a26dab54c1d3d20e9c
	Gorobets, N.N., Eliseeva, N.P.	Directional and polarization characteristics of radiation for finite-size corner antennas with arbitrary apex angle of the corner (1993) Radiotekhnika i Elektronika, 38 (1), pp. 59-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027246826&partnerID=40&md5=ac6d7b1f50ababc2f9e4fb4bb491f35
	Gorobets, N.N., Eliseeva, N.P.	Characteristics for the emission of an electric dipole positioned in parallel with a rectangular screen of ideal conductivity (1992) Radiotekhnika, (7-8), pp. 66-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026886131&partnerID=40&md5=236151bab9ae7d0366a13a97f59fb409
58	Yuffa, A.J., Kaydash, V., Korokhin, V., Shkuratov, Y., Zubko, E., Videen, G.	Phase-ratio imaging as applied to desert sands for tracking human presence (2017) Applied Optics, 56 (3), pp. B184-B190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010209711&doi=10.1364%2FAO.56.00B184&partnerID=40&md5=8a65b05678032ea3cd0d1c366a638620
	Velikodsky, Y., Korokhin, V.V., Shkuratov, Y., Kaydash, V.G., Videen, G.	Opposition effect of the Moon from LROC WAC data (2016) Icarus, 275, pp. 1-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963971909&doi=10.1016%2fj.icarus.2016.04.005&partnerID=40&md5=7f8fc416bb593a387dfe3a131500423
	Shkuratov, Y., Kaydash, V., Rohacheva, L., Korokhin, V., Ivanov, M., Velikodsky, Y., Videen, G.	Comparison of lunar red spots including the crater copernicus (2016) Icarus, 272, pp. 125-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960406934&doi=10.1016%2fj.icarus.2016.02.034&partnerID=40&md5=f6137964e73784d60423b01b90d8ed9
	Korokhin, V., Shkuratov, Y., Kaydash, V., Basilevsky, A., Rohachova, L., Velikodsky, Y., Opanasenko, N., Videen, G., Stankevich, D., Kaluhina, O.	Characterization of a photometric anomaly in lunar Mare Nubium (2016) Planetary and Space Science, 122, pp. 70-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957018108&doi=10.1016%2fj.pss.2016.01.011&partnerID=40&md5=9ef130d7256270e69c8b377c112dbf7
	Zubko, E., Videen, G., Hines, D.C., Shkuratov, Y., Kaydash, V., Muinonen, K., Knight, M.M., Sitko, M.L., Lisse, C.M., Mutchler, M., Wooden, D.H., Li, J.-Y., Kobayashi, H.	Comet C/2012 S1 (ISON) coma composition at ~4 au from HST observations (2015) Planetary and Space Science, 118, pp. 138-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940099314&doi=10.1016%2fj.pss.2015.08.002&partnerID=40&md5=4c1433b5422ad08fb5a2a65a5ec0fe3
	Kaydash, V., Shkuratov, Y., Wolff, M., Videen, G.	Terrestrial planets (2015) Polarimetry of Stars and Planetary Systems, pp. 289-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952927957&doi=10.1017%2fCBO9781107358249.017&partnerID=40&md5=3f3e63fefab79d769f7b57ed0fc82905
	Zhang, H., Yang, Y., Yuan, Y., Jin, W., Lucey, P.G., Zhu, M.-H., Kaydash, V.G., Shkuratov, Y.G., Di, K., Wan, W., Xu, B., Xiao, L., Wang, Z., Xue, B.	In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 1. Mineral abundances inferred from spectral reflectance (2015) Geophysical Research Letters, 42 (17), pp. 6945-6950.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943366924&doi=10.1002%2f2015GL065273&partnerID=40&md5=81b81a95693b8a3a981534dc156daf2b
	Jin, W., Zhang, H., Yuan, Y., Yang, Y., Shkuratov, Y.G., Lucey, P.G., Kaydash, V.G., Zhu, M.-H., Xue, B., Di, K., Xu, B., Wan, W., Xiao, L., Wang, Z.	In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 2. Photometric properties of the regolith (2015) Geophysical Research Letters, 42 (20), pp. 8312-8319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946574484&doi=10.1002%2f2015GL065789&partnerID=40&md5=94a128f52a3cd8752a79b4e1226cacee
	Kaydash, V., Shkuratov, Y., Videen, G.	Dark halos and rays of young lunar craters: A new insight into interpretation (2014) Icarus, 231, pp. 22-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890818743&doi=10.1016%2fj.icarus.2013.11.025&partnerID=40&md5=e3765aa8884335edececbf5ca90239d
	Hines, D.C., Videen, G., Zubko, E., Muinonen, K., Shkuratov, Y., Kaydash, V.G., Knight, M.M., Sitko, M.L., Lisse, C.M., Mutchler, M., Hammer, D., Yanamandra-Fisher, P.A.	Hubble space telescope pre-perihelion ACS/WFC imaging polarimetry of comet ison (C/2012 S1) at 3.81 AU (2014) Astrophysical Journal Letters, 780 (2), art. no. L32, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891597692&doi=10.1088%2f2041-8205%2f780%2f2%2fL32&partnerID=40&md5=3cbbf5f4286b2c1b0af944026d90f302
	Kaydash, V.G., Shkuratov, Y.G.	Structural disturbances of the lunar surface near the Lunokhod-1 spacecraft landing site (2014) Solar System Research, 48 (3), pp. 167-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900840862&doi=10.1134%2fS0038094614030034&partnerID=40&md5=0771158db32e7f6e019bd4d39e15fb56
	Korokhin, V.V., Velikodsky, Y.I., Shalygin, E.V., Shkuratov, Y.G., Kaydash, V.G., Videen, G.	Retrieving lunar topography from multispectral LROC images (2014) Planetary and Space Science, 92, pp. 65-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896089061&doi=10.1016%2fj.pss.2014.01.008&partnerID=40&md5=22b59065aa1da44008fc50ea20110681
	Kaydash, V., Pieters, C., Shkuratov, Y., Korokhin, V.	Lunar opposition effect as inferred from Chandrayaan-1 M3 data (2013) Journal of Geophysical Research E: Planets, 118 (6), pp. 1221-1232.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8488132530&doi=10.1002%2fjgre.20098&partnerID=40&md5=0a5c03bf63aba3f0b4004028451ba038
	Shkuratov, Y., Kaydash, V., Korokhin, V., Velikodsky, Y., Petrov, D., Zubko, E., Stankevich, D., Videen, G.	Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" (2013) Journal of Quantitative Spectroscopy and Radiative Transfer, 116, pp. 191-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871935233&doi=10.1016%2fj.jqsrt.2012.11.004&partnerID=40&md5=-224a2b9fec21fb50f1f293c80061f11f
	Kaydash, V., Shkuratov, Y., Videen, G.	Landing of the probes Luna 23 and Luna 24 remains an enigma (2013) Planetary and Space Science, 89, pp. 172-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885356764&doi=10.1016%2fj.pss.2013.08.021&partnerID=40&md5=e8406cf068a6ac99a9fa6da259f0deef
	Shkuratov, Y., Kaydash, V., Sysolyatina, X., Razim, A., Videen, G.	Lunar surface traces of engine jets of Soviet sample return probes: The enigma of the Luna-23 and Luna-24 landing sites (2013) Planetary and Space Science, 75 (1), pp. 28-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872490744&doi=10.1016%2fj.pss.2012.10.016&partnerID=40&md5=8a948bb73fb8ff4479d3094ed9c5a59

	Kaydash, V. , Shkuratov, Y., Videen, G.	Phase-ratio imagery as a planetary remote-sensing tool (2012) Journal of Quantitative Spectroscopy and Radiative Transfer, 113 (18), pp. 2601-2607.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868191557&doi=10.1016%2Fj.jqsrt.2012.03.020&partnerID=40&md5=07c85296df67fe411fba00d527167a13
	Shkuratov, Y., Kaydash, V. , Korokhin, V., Velikodsky, Y., Petrov, D., Zubko, E., Stankevich, D., Videen, G.	A critical assessment of the Hapke photometric model (2012) Journal of Quantitative Spectroscopy and Radiative Transfer, 113 (18), pp. 2431-2456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868190967&doi=10.1016%2Fj.jqsrt.2012.04.010&partnerID=40&md5=be39aac6846b321d5182d9ef1607de37
	Kaydash, V.G. , Shkuratov, Y.G.	Structural disturbances of the lunar surface caused by spacecraft (2012) Solar System Research, 46 (2), pp. 108-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858974433&doi=10.1134%2FS0038094612020050&partnerID=40&md5=96d0e80549a9cfd86bb938b303a861ad
	Shkuratov, Y., Kaydash, V. , Videen, G.	The lunar crater Giordano Bruno as seen with optical roughness imagery (2012) Icarus, 218 (1), pp. 525-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856356392&doi=10.1016%2Fj.icarus.2011.12.023&partnerID=40&md5=8ff0208ba8ccb32f8daa95dbcc6eb74
	Shkuratov, Y., Kaydash, V. , Korokhin, V., Velikodsky, Y., Opanasenko, N., Videen, G.	Optical measurements of the Moon as a tool to study its surface (2011) Planetary and Space Science, 59 (13), pp. 1326-1371.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052868254&doi=10.1016%2Fj.pss.2011.06.011&partnerID=40&md5=f3aabc0f34555f20f42260536036ba13
	Velikodsky, Y., Opanasenko, N.V., Akimov, L.A., Korokhin, V.V., Shkuratov, Y., Kaydash, V.G. , Videen, G., Ehgamberdiev, S., Berdalieva, N.E.	New Earth-based absolute photometry of the Moon (2011) Icarus, 214 (1), pp. 30-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959568501&doi=10.1016%2Fj.icarus.2011.04.021&partnerID=40&md5=74ed1a575c95e6260dcd175e4de7b791
	Opanasenko, A.N., Opanasenko, N.V., Shkuratov, Y.G., Kaidash, V.G. , Velikodskii, Y.I., Korokhin, V.V.	Distribution of the spectropolarimetric parameter of the moon in the northern part of Ocean Procellarum for a large phase angle (2011) Kinematics and Physics of Celestial Bodies, 27 (1), pp. 38-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956028050&doi=10.3103%2FS0884591311010077&partnerID=40&md5=57b581d6bb25e56f4e8172ee4668eda7
	Kaydash, V. , Shkuratov, Y., Korokhin, V., Videen, G.	Photometric anomalies in the Apollo landing sites as seen from the Lunar Reconnaissance Orbiter (2011) Icarus, 211 (1), pp. 89-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650951850&doi=10.1016%2Fj.icarus.2010.08.024&partnerID=40&md5=c9c87fbd05f21bc30c384d750a5e3b09
	Kaydash, V.G. , Gerasimenko, S.Y., Shkuratov, Y.G., Opanasenko, N.V., Velikodsky, Y.I., Korokhin, V.V., Kaydash, M.V.	The phase ratios of the color index: Mapping of two regions of the near side of the Moon (2010) Solar System Research, 44 (4), pp. 267-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956442972&doi=10.1134%2FS0038094610040015&partnerID=40&md5=253821b4eb6c4fde7d0f8243a7b1fa
	Korokhin, V.V., Velikodsky, Y.I., Shkuratov, Y.G., Kaydash, V.G. , Gerasimenko, S.Y., Opanasenko, N.V., Videen, G., Pieters, C.	Removal of topographic effects from lunar images using Kaguya (LALT) and Earth-based observations (2010) Planetary and Space Science, 58 (10), pp. 1298-1306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955416686&doi=10.1016%2Fj.pss.2010.05.013&partnerID=40&md5=4ebe7a67a19bd00e44c7405e91f3899
	Shkuratov, Y., Kaydash, V. , Gerasimenko, S., Opanasenko, N., Velikodsky, Y., Korokhin, V., Videen, G., Pieters, C.	Probable swirls detected as photometric anomalies in Oceanus Procellarum (2010) Icarus, 208 (1), pp. 20-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953537032&doi=10.1016%2Fj.icarus.2010.01.028&partnerID=40&md5=010f935b48876a9d93b7119e4a94dfb
	Kaydash, V. , Kreslavsky, M., Shkuratov, Y., Gerasimenko, S., Pinet, P., Josset, J.-L., Beauvivre, S., Foing, B.	Photometric anomalies of the lunar surface studied with SMART-1 AMIE data (2009) Icarus, 202 (2), pp. 393-413.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649948765&doi=10.1016%2Fj.icarus.2009.03.018&partnerID=40&md5=4f63c9a9ffc3ed8aebbb6ed9397bf8e5
	Opanasenko, N.V., Opanasenko, A.N., Shkuratov, Yu.G., Kaydash, V.G. , Velikodsky, Yu.I., Korokhin, V.V.	The negative polarization parameters of the light scattered by the lunar surface: Mapping (2009) Solar System Research, 43 (3), pp. 210-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650683949&doi=10.1134%2FS0038094609030022&partnerID=40&md5=4f0a1442671790cd4786d3bd0a086e31
	Kaidash, V.G. , Gerasimenko, S.Y., Shkuratov, Yu.G., Opanasenko, N.V., Velikodskii, Y.I., Korokhin, V.V.	Photometric function variations observed on the near side of the Moon: Mapping (2009) Solar System Research, 43 (2), pp. 89-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64749090060&doi=10.1134%2FS0038094609020014&partnerID=40&md5=940527bed7b639b789fcc94467c0bb71
	Shkuratov, Yu., Opanasenko, N., Opanasenko, A., Zubko, E., Bondarenko, S., Kaydash, V. , Videen, G., Velikodsky, Yu., Korokhin, V.	Polarimetric mapping of the Moon at a phase angle near the polarization minimum (2008) Icarus, 198 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53949121361&doi=10.1016%2Fj.icarus.2008.06.014&partnerID=40&md5=239afd5ab266326cce34e255246a0a97
	Korokhin, V.V., Kaydash, V.G. , Shkuratov, Y.G., Stankevich, D.G., Mall, U.	Prognosis of TiO2 abundance in lunar soil using a non-linear analysis of Clementine and LSCC data (2008) Planetary and Space Science, 56 (8), pp. 1063-1078.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649094541&doi=10.1016%2Fj.pss.2008.02.001&partnerID=40&md5=9acfc4600bf3b65826be5109062dacc
	Shkuratov, Y., Bondarenko, S., Kaydash, V. , Videen, G., Muñoz, O., Volten, H.	Photometry and polarimetry of particulate surfaces and aerosol particles over a wide range of phase angles (2007) Journal of Quantitative Spectroscopy and Radiative Transfer, 106 (1-3), pp. 487-508.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247490121&doi=10.1016%2Fj.jqsrt.2007.01.031&partnerID=40&md5=96a3e763ed61560f577311eba656e63d
	Shkuratov, Yu.G., Kaydash, V.G. , Starukhina, L.V., Pieters, C.M.	Lunar surface agglutinates: Mapping composition anomalies (2007) Solar System Research, 41 (3), pp. 177-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250875679&doi=10.1134%2FS003809460703001X&partnerID=40&md5=526619aac0ccfdff78bf3a0c7973fb2
	Kaydash, V.G. , Kreslavsky, M.A., Shkuratov, Yu.G., Videen, G., Bell III, J.F., Wolff, M.	Measurements of winds on Mars with Hubble Space Telescope images in 2003 opposition (2006) Icarus, 185 (1), pp. 97-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749340981&doi=10.1016%2Fj.icarus.2006.07.017&partnerID=40&md5=04ca558770538f19c9801e25e295ad7a
	Pieters, C., Shkuratov, Y., Kaydash, V. , Stankevich, D., Taylor, L.	Lunar soil characterization consortium analyses: Pyroxene and maturity estimates derived from Clementine image data (2006) Icarus, 184 (1), pp. 83-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747153305&doi=10.1016%2Fj.icarus.2006.04.013&partnerID=40&md5=3896af6298f81107b937c1a43427e36
	Shkuratov, Y.G., Kaydash, V.G. , Stankevich, D.G., Starukhina, L.V., Pinet, P.C., Chevrel, S.D., Daydou, Y.H.	Derivation of elemental abundance maps at intermediate resolution from optical interpolation of lunar prospector gamma-ray spectrometer data (2005) Planetary and Space Science, 53 (12), pp. 1287-1301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644498521&doi=10.1016%2Fj.pss.2005.07.001&partnerID=40&md5=1f8b9135736317b88b19722d94a46f74
	Shkuratov, Yu.G., Kaydash, V.G. , Pieters, C.M.	Lunar clinopyroxene and plagioclase: Surface distribution and composition (2005) Solar System Research, 39 (4), pp. 255-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24144449050&doi=10.1007%2Fs11208-005-0041-2&partnerID=40&md5=89e45c5a25d602a44250eb9ac7be8090
	Shkuratov, Y., Kreslavsky, M., Kaydash, V. , Videen, G., Bell III, J., Wolff, M., Hubbard, M., Noll, K., Lubenow, A.	Hubble Space Telescope imaging polarimetry of Mars during the 2003 opposition (2005) Icarus, 176 (1), pp. 1-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18844400623&doi=10.1016%2Fj.icarus.2005.01.009&partnerID=40&md5=273fedb55aa30cb686684e28a2422e3d
	Shkuratov, Yu.G., Kreslavsky, M.A., Stankevich, D.G., Kaydash, V.G. , Pinet, P., Shevchenko, V.V., Foing, B.H., Josset, J.-L.	The SMART-1 Mission: Photometric Studies of the Moon with the AMIE Camera (2003) Solar System Research, 37 (4), pp. 251-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042574053&doi=10.1023%2FA93a1025070013209&partnerID=40&md5=a343bbf47f8ecba378c0805631fad568
	Shkuratov, Y.G., Stankevich, D.G., Kaydash, V.G. , Omelchenko, V.V., Pieters, C.M., Pinet, P.C., Chevrel, S.D., Daydou, Y.H., Foing, B.H., Sodnik, Z., Josset, J.-L., Taylor, L.A., Shevchenko, V.V.	Composition of the lunar surface as will be seen from SMART-1: A simulation using Clementine data (2003) Journal of Geophysical Research E: Planets, 108 (4), pp. 1-1.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042847294&partnerID=40&md5=7065fd81466d4346b9ab1debd77d5b9d
	Shkuratov, Yu.G., Kaidash, V.G. , Kreslavsky, M.A., Opanasenko, N.V.	Absolute Calibration of the Clementine UVVIS Data: Comparison with Ground-Based Observation of the Moon (2001) Solar System Research, 35 (1), pp. 29-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035628494&doi=10.1023%2FA93a1005211706835&partnerID=40&md5=d2095b900376ee60a00bdf6331b28d9
	Kreslavsky, M.A., Shkuratov, Yu.G., Velikodsky, Yu.I., Kaydash, V.G. , Stankevich, D.G., Pieters, C.M.	Photometric properties of the lunar surface derived from Clementine observations (2000) Journal of Geophysical Research E: Planets, 105 (E8), pp. 20281-20295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033764988&partnerID=40&md5=800871ba92bc35266017f0e28cb33629
	Shkuratov, Y.G., Starukhina, L.V., Kaidash, V.G. , Bondarenko, N.V.	3He distribution over the lunar visible hemisphere (1999) Solar System Research, 33 (5), pp. 409-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2284454075&partnerID=40&md5=2b3955ecda9f475c3c236a35a3c0bf9b
	Shkuratov, Y.G., Kaydash, V.G. , Opanasenko, N.V.	Iron and Titanium Abundance and Maturity Degree Distribution on the Lunar Nearside (1999) Icarus, 137 (2), pp. 222-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000380281&doi=10.1006%2Ficar.1999.6046&partnerID=40&md5=16b49ddbf6057b516887022a1be4fd79

	Kaidash, V.G. , Shkuratov, Yu.G.	Distribution of iron, titanium, and the regolith-maturity index over the lunar nearside as inferred from optical measurements (1998) Solar System Research, 32 (5), pp. 371-383.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042532934&partnerID=40&md5=f8adda8679122fbb4d085c68c9a03c77
	Shkuratov, Yu.G., Stankevich, D.G., Opanasenko, N.V., Kaidash, V.G. , Bondarenko, N.V.	Relationship between Albedo and Color Index of the Moon (1997) Solar System Research, 31 (1), pp. 41-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21744462463&partnerID=40&md5=745f046c5e25e0db5d353da83b48d5b
	Opanasenko, N.V., Shkuratov, Yu.G., Stankevich, D.G., Kaidash, V.G.	Colorimetric mapping of the visible hemisphere of the moon (1996) Solar System Research, 30 (5), pp. 352-361.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21444444692&partnerID=40&md5=9c3e6dea0e6822f7b07b68b01b1d7426
59	Zagorodny, A.G., Kirichok, A.V., Kuklin, V.M.	One-dimensional modulational instability models of intense Langmuir plasma oscillations using the Silin-Zakharov equations (2016) Physics-Uspekhi, 59 (7), pp. 669-688.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991688548&doi=10.3367%2fJFNe.2016.01.037697&partnerID=40&md5=daefa27e4b39bb05c6ee8e141315dcfd
	Kirichok, A.V., Kuklin, V.M. , Pryimak, A.V., Zagorodny, A.G.	Ion heating, burnout of the high-frequency field, and ion sound generation under the development of a modulation instability of an intense Langmuir wave in a plasma (2015) Physics of Plasmas, 22 (9), art. no. 092118, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941955373&doi=10.1063%2f1.4931058&partnerID=40&md5=1d26322a3a679d0d546d3d7370d61cf
	Kirichok, A.V., Kuklin, V.M. , Zagorodny, A.G.	On the nature of sources of pulsating radiation in weakly inverted media (2015) Problems of Atomic Science and Technology, 98 (4), pp. 9-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941070159&partnerID=40&md5=b4d17805758f24fb0354c7c1a6f82a55
	Gushchin, I.V., Kirichok, A.V., Kuklin, V.M.	Structural-phase transitions and state function in unstable convective medium (2015) Problems of Atomic Science and Technology, 98 (4), pp. 252-254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941029437&partnerID=40&md5=be71002525c1c9ba75a0f5e2cf88b6d9
	Kirichok, A.V., Kuklin, V.M. , Pryimak, A.V., Zagorodny, A.G.	Ion kinetics and ion sound generation under the development of modulation instability of an intense langmuir wave in a plasma (2015) Problems of Atomic Science and Technology, 98 (4), pp. 258-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941130141&partnerID=40&md5=42a3c7e5b6d6c38a3d42fde6e068a1b
	Kirichok, A.V., Kuklin, V.M. , Mischin, A.V., Pryimak, A.V.	Modelling of superradiation processes driven by an ultra-short bunch of charged particles moving through a plasma (2015) Problems of Atomic Science and Technology, 98 (4), pp. 255-257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941121712&partnerID=40&md5=bbb6a65afad083629fd5ac70ec9aceaee
	Gushchin, I.V., Kirichok, A.V., Kuklin, V.M.	Pattern formation in unstable viscous convective medium (2013) Problems of Atomic Science and Technology, (4), pp. 251-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881577271&partnerID=40&md5=6ba616749793d6dd63b8913cc177520c
	Kirichok, A.V., Kuklin, V.M. , Zagorodny, A.G.	On the emission spectrum of oscillator trapped in a potential well (2013) Problems of Atomic Science and Technology, (4), pp. 256-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881563792&partnerID=40&md5=559b5d7d69a1ee95a0b95d8ca0bf65c7
	Kirichok, A.V., Kuklin, V.M. , Mischin, A.V., Pryimak, A.V., Zagorodny, A.G.	On the formation of pulses of Coherent radiation in weakly inverted media (2013) Problems of Atomic Science and Technology, (4), pp. 267-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881580237&partnerID=40&md5=f6e4893cd5b0aea37990f88137038391
	Belkin, E.V., Kirichok, A.V., Kuklin, V.M. , Pryimak, A.V., Zagorodny, A.G.	Dynamics of ions during development of parametric instability of Langmuir waves (2013) Problems of Atomic Science and Technology, (4), pp. 260-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881608833&partnerID=40&md5=09f946439f04971cf0d2a82f5c973342
	Kirichok, A.V., Kuklin, V.M.	Theory of some nonlinear processes in plasma in terms of spontaneous and stimulated radiation (2010) Physica Scripta, 82 (6), art. no. 065506, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960055891&doi=10.1088%2f0031-8949%2f82%2f06%2f065506&partnerID=40&md5=2d03da9ca19c36724aaa725cf80cefc5
	Belkin, E.V., Kirichok, A.V., Kuklin, V.M.	Modulation instability of waves driven by external source in dumped medium (2010) Problems of Atomic Science and Technology, (4), pp. 291-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149471747&partnerID=40&md5=d89037ce727c27bd7a835e00568f3dcd
	Belkin, E.V., Gushchin, I.V., Kirichok, A.V., Kuklin, V.M.	Structural transitions in the model of proctor-sivashinsky (2010) Problems of Atomic Science and Technology, (4), pp. 296-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149475262&partnerID=40&md5=ac160b757968114db8d5e6bfa25ce0b6
	Kirichok, A.V., Kuklin, V.M. , Mishyn, A.V.	On motion of radiation characteristics of single electron bunches in plasma (2010) Problems of Atomic Science and Technology, (4), pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149491843&partnerID=40&md5=9707e84626d26a96b1932a7b3669b1eb
	Belkin, E.V., Kuklin, V.M.	Analysis of the modulation instability model (2008) TCSET 2008 - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the International Conference, art. no. 5423516, pp. 284-285.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951265837&partnerID=40&md5=37985dfdf3b54ff06f8cea6bc3a3e842
	Kuklin, V.M. , Petrenko, A.S.	Induced interference modelling (2008) TCSET 2008 - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the International Conference, art. no. 5423506, pp. 312-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951259658&partnerID=40&md5=777cfce91522193e003df25a276c7072
	Belkin, E.V., Kirichok, A.V., Kuklin, V.M.	On interference effects in multimode regimes of modulation instability (2008) Problems of Atomic Science and Technology, (4), pp. 222-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549245861&partnerID=40&md5=7bfe7790626603711f9905dbf2f968cc
	Kuklin, V.M. , Petrenko, A.S., Sevidov, S.M.	Interference effects of multimode generation in active absorbent media (2008) Problems of Atomic Science and Technology, (4), pp. 218-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549260055&partnerID=40&md5=4cbfc623a71c26fe9c70af44c69f3897
	Kuklin, V.M. , Lapshin, V.I., Puzyrkov, S.Yu.	Increase of efficiency of gyrotron by optimizing conditions of RF-field emission (2006) AIP Conference Proceedings, 812, pp. 207-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751242275&doi=10.1063%2f1.2168824&partnerID=40&md5=0df5cb725df64636501c170716c3d3d8
	Artamonov, G.I., Grachev, A.I., Kuklin, V.M. , Korotych, S.G., Kalashnikov, V.S.	Plasma spraying of piston rods (2002) Svarchoe Proizvodstvo, (1), p. 32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036404587&partnerID=40&md5=4a52e5a6088c5b53cef4be57073840af
	Kirichok, A.V., Kuklin, V.M.	Allocated imperfections of developed convective structures (1999) Physics and Chemistry of the Earth, Part A: Solid Earth and Geodesy, 24 (6), pp. 533-537.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032825916&doi=10.1016%2fS1464-1895%2f99%2f00067-8&partnerID=40&md5=3500c1be7f797ed13f7e7e1ca00d42f1
	Kirichok, A.V., Kuklin, V.M. , Panchenko, I.P., Moiseev, S.S.	Wave-turbulence instability in nonequilibrium hydrodynamics systems (1999) Physics and Chemistry of the Earth, Part A: Solid Earth and Geodesy, 24 (6), pp. 539-540.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032873814&doi=10.1016%2fS1464-1895%2f99%2f00068-X&partnerID=40&md5=617ec0bf6216635eeae40cbe505160a
	Kuklin, V.M. , Kirichok, A.V.	Distributed defects in mature dissipative structures (1995) Physica Scripta, 52 (5), pp. 492-497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009733417&doi=10.1088%2f0031-8949%2f52%2f5%2f003&partnerID=40&md5=9630e309e3cb5cda362ab1977d6b7579
	Kuklin, V. , Kirichok, A.	Mechanism of wave-turbulent instability in nonequilibrium systems (1994) IEEE International Conference on Plasma Science, p. 120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028746991&partnerID=40&md5=d8ef6d13f42d7e7a587d0b900ec9d5be
	Kuklin, V. , Kirichok, A., Panchenko, I., Vorobev, V.	Spatial structures in nonlinear nonequilibrium plasma (1994) IEEE International Conference on Plasma Science, p. 120-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028756445&partnerID=40&md5=d38240c509ca375cf71591fea48b95d
	Kuklin, V.M. , Panchenko, I.P., Sevidov, S.M.	Instability of intense Langmuir wave in a cold plasma (1989) Soviet journal of communications technology & electronics, 34 (1), pp. 104-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024482545&partnerID=40&md5=e8de0f0f3225f1a12ce0b9de7b8a664
	Kuklin, V.M.	ON THE INFLUENCE OF DISSIPATIVE PROCESSES ON THE SPACE-TIME DYNAMICS OF INSTABILITY IN A PLASMA. (1987) Soviet journal of communications technology & electronics, 32 (6), pp. 185-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023362051&partnerID=40&md5=65951bef5049b33b8d915bbdf08e2622

	Kondratenko, A.N., Kuklin, V.M. , Panchenko, I.P., Sevidov, S.M.	Theory of cluster systems in plasma-like media (1987) Soviet Physics Journal, 30 (5), pp. 433-437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023342092&doi=10.1007%2BF00900098&partnerID=40&md5=defb679aa4aae5c5e145a2890bb37a1
	Vorob'yev, V.M., Kondratenko, A.N., Kuklin, V.M.	EFFECT OF A REGULAR EXTERNAL FIELD AND NOISE ON THE DEVELOPMENT OF INSTABILITY IN A BEAM-PLASMA SYSTEM. (1986) Soviet journal of communications technology & electronics, 31 (8), pp. 159-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022765759&partnerID=40&md5=d8dba48370291f8d2e5baf9c8f30cddc
	Kuklin, V.M. , Panchenko, I.P., Sevidov, S.M.	ON THE NONLINEAR THEORY OF HYDRODYNAMIC BEAM INSTABILITY IN A HIGH-TEMPERATURE PLASMA. (1986) Soviet journal of communications technology & electronics, 31 (8), pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022767204&partnerID=40&md5=add73862173b29a709510da14f134f5b
	Zagainailov, G.I., Kondratenko, A.N., Kuklin, V.M.	Extracting energy of surface wave from plasmatic waveguide (1984) Radiophysics and Quantum Electronics, 27 (9), pp. 833-838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021486831&doi=10.1007%2BF01041394&partnerID=40&md5=643894647729dc73759ba634bd154ebd
	Kondratenko, A.N., Kruscha, J., Kuklin, V.M. , Tkachenko, V.I., Vorobjov, V.M.	Excitation of Plasma Waves by Means of a Weakly Ionized Monoenergetic Particle Beam (1983) Beiträge aus der Plasmaphysik, 23 (6), pp. 615-620.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985788208&doi=10.1002%2ftcp.19830230607&partnerID=40&md5=c17cfa832b6d18814cc96faa8d30fa7e
	Vorob'ev, V.M., Kondratenko, A.N., Kuklin, V.M.	SURFACE IONIC-SONIC OSCILLATIONS IN INHOMOGENEOUS PLASMA. (1982) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 27 (11), pp. 124-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020209895&partnerID=40&md5=6b86fce57161604a88cab9e8bca497d9
	Vorob'ev, V.M., Kondratenko, A.N., Kuklin, V.M.	Dispersion and excitation of surface waves in an inhomogeneous semibounded plasma (1982) Radiophysics and Quantum Electronics, 25 (8), pp. 621-625.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020165813&doi=10.1007%2BF01034932&partnerID=40&md5=59b2d9f5505b90bba82da11fa73107f7
	Azarenkov, N.A., Kuklin, V.M.	THEORY OF ELECTROMAGNETIC WAVE SCATTERING BY THE SURFACE. (1980) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 25 (8), pp. 83-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019044806&partnerID=40&md5=e4787a51fbbfbf442e41a26eb325e5d
	Kondratenko, A.N., Kuklin, V.M.	ON THE THEORY OF PLASMA-BEAM INSTABILITY IN NONHOMOGENEOUS WAVEGUIDES. (1980) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 25 (7), pp. 88-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019031912&partnerID=40&md5=39b41931f3ed5939163af74a6f63b5f
	Bondarenko, V.A., Kondratenko, A.N., Kuklin, V.M.	BEAM INSTABILITIES IN MEDIA WITH ABSORPTION. (1979) Radio engineering & electronic physics, 24 (2), pp. 100-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018435840&partnerID=40&md5=6a8be5445567e3364d6550a8aa6c4524
	Kondratenko, A.N., Kuklin, V.M.	Excitation of magnetoacoustic oscillations in a strongly inhomogeneous plasma (1979) Radiophysics and Quantum Electronics, 22 (1), pp. 23-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018335942&doi=10.1007%2BF01035244&partnerID=40&md5=d9ac5894752b62dcd8a255f94ee812
	Kondratenko, A.N., Kuklin, V.M. , Tkachenko, V.I.	Nonlinear theory of a beam instability in a collisional plasma (1978) Radiophysics and Quantum Electronics, 21 (10), pp. 1069-1070.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250284336&doi=10.1007%2BF01034631&partnerID=40&md5=21a4dc3d6408bba86947a54355385993
	Kondratenko, A.N., Kuklin, V.M. , Peneva, I.Kh.	Excitation by electron beams of surface oscillations in a plasma waveguide with a metal jacket (1977) Radiophysics and Quantum Electronics, 20 (1), pp. 37-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017369954&doi=10.1007%2BF01034271&partnerID=40&md5=d2fe0c1a3579f2e2cd77963918a26
	Kuklin, V.M. , Peneva, Y.Kh.	EXCITATION OF OBLIQUE WAVES IN A SEMIFINITE MAGNETOACTIVE PLASMA WITH A METAL SCREEN. (1976) Radio Eng Electron Phys, 21 (12), pp. 56-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017208842&partnerID=40&md5=2978d093e0b5ef57220d9f8cbde96274
	Kondratenko, A.N., Kuklin, V.M.	EXCITATION OF MHD SURFACE WAVES BY CHARGED-PARTICLE BEAMS. (1976) Sov Phys Tech Phys, 21 (9), pp. 1046-1051.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017002730&partnerID=40&md5=992b64f139d98f0c3dc866f8217131d
	Kuklin, V.M.	STABILITY OF LOW-FREQUENCY, FINITE-AMPLITUDE SURFACE WAVES IN A MAGNETIZED, HIGHLY NONISOTHERMAL PLASMA. (1975) Sov Phys Tech Phys, 20 (4), pp. 579-580.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016601727&partnerID=40&md5=b9439a3f9a69a16939954fda9e839c2a
	Kondratenko, A.N., Kuklin, V.M.	EXCITATION OF LOW-FREQUENCY SURFACE WAVES BY PARTICLE BEAMS IN A MAGNETIZED, HIGHLY NONISOTHERMAL PLASMA. (1975) Sov Phys Tech Phys, 20 (6), pp. 820-822.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016598621&partnerID=40&md5=27a5f5398e311f6810a54c340dbbd90c
	Kondratenko, A.N., Kuklin, V.M. , Kryukov, A.V.	Excitation of low-frequency surface waves in plasma waveguides by ion beams (1975) Radiophysics and Quantum Electronics, 18 (8), pp. 797-801.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016542416&doi=10.1007%2BF01036639&partnerID=40&md5=99e01ed6a7602b8e945e7642dd7e0b73
	Kondratenko, A.N., Kuklin, V.M.	DAMPING OF ION-ACOUSTIC WAVES IN A BOUNDED PLASMA. (1974) Sov Phys Tech Phys, 19 (3), pp. 326-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016106232&partnerID=40&md5=601f811cfd2034a84dbbba78963d54cc
	Kondratenko, A.N., Kuklin, V.M.	CONVERSION OF AN ELECTROMAGNETIC WAVE INTO AN ION-ACOUSTIC WAVE IN AN INHOMOGENEOUS PLASMA. (1974) Sov Phys Tech Phys, 19 (1), pp. 25-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016080475&partnerID=40&md5=083811da0af5cc979a670c00ce6887
	Kondratenko, A.N., Shaptala, V.G., Kuklin, V.M.	SECOND-HARMONIC GENERATION AND EMISSION IN WAVE CONVERSION AT A PLASMA BOUNDARY. (1974) Sov Phys Tech Phys, 19 (1), pp. 22-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016080423&partnerID=40&md5=2a6f730b9312d9070d0f2ad68db1ceb5
60	Gavriluyk, Y.M., Gangapshv, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenکو, S.I., Ratkevich, S.S. , Tekueva, D.A., Yakimenko, S.P.	Search for 2K(2v)-capture of 124Xe (2017) Physics of Particles and Nuclei, 48 (1), pp. 38-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013156222&doi=10.1134%2fS1063779616060083&partnerID=40&md5=feb05f855a63750117bfa32e07c6a716
	Gavriluyk, Y.M., Gangapshv, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenکو, S.I., Ratkevich, S.S. , Tekueva, D.A., Yakimenko, S.P.	The origin of the background radioactive isotope 127Xe in the sample of Xe enriched in 124Xe (2017) Physics of Particles and Nuclei, 48 (1), pp. 42-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013175391&doi=10.1134%2fS1063779616060095&partnerID=40&md5=8ce66cd9f715ad5fd4e9ed58328385
	Alekseenko, V.V., Gavriluyk, Y.M., Gangapshv, A.M., Gezhaev, A.M., Dzhappuev, D.D., Kazalov, V.V., Kudzhaev, A.U., Kuzminov, V.V., Panasenکو, S.I., Ratkevich, S.S. , Tekueva, D.A., Yakimenko, S.P.	The study of the thermal neutron flux in the deep underground laboratory DULB-4900 (2017) Physics of Particles and Nuclei, 48 (1), pp. 34-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013219012&doi=10.1134%2fS1063779616060022&partnerID=40&md5=894e46df3d227299fbab56c62e2da9ac
	Kuzminov, V.V., Alekseenko, V.V., Barabanov, I.R., Etezov, R.A., Gangapshv, A.M., Gavriluyk, Y.M., Gezhaev, A.M., Kazalov, V.V., Khokonov, A.K., Panasenکو, S.I., Ratkevich, S.S.	Some features and results of thermal neutron background measurements with the [ZnS(Ag)+6LiF] scintillation detector (2017) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 841, pp. 156-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994317339&doi=10.1016%2fj.nima.2016.10.038&partnerID=40&md5=7b675943a91c7719dc64327e2062a197
	Alexeyev, E.N., Gavriluyk, Y.M., Gangapshv, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenکو, S.I., Ratkevich, S.S.	Results of a search for daily and annual variations of the 214Po half-life at the two year observation period (2016) Physics of Particles and Nuclei, 47 (6), pp. 986-994.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013951758&doi=10.1134%2fS1063779616060034&partnerID=40&md5=b58f0c8c0c6aae15ca07bfc9831e14e

Lee, J.Y., Alenkov, V., Ali, L., Beyer, J., Bibi, R., Boiko, R.S., Boonin, K., Buzanov, O., Chantima, N., Cheoun, M.K., Chernyak, D.M., Choi, J., Choi, S., Danevich, F.A., Djmal, M., Drung, D., Enss, C., Fleischmann, A., Gangapshev, A., Gastaldo, L., Gavriljuk, Y., Gezhaev, A., Gurentsov, V., Hahn, I.S., Jeon, E.J., Jo, H.S., Joo, H., Kaewkhao, J., Kang, C.S., Kang, S.J., Kang, W.G., Karki, S., Kazalov, V., Khan, S., Khanbekov, N., Kim, G.B., Kim, H.J., Kim, H.L., Kim, H.O., Kim, I., Kim, J.H., Kim, K., Kim, S.K., Kim, S.R., Kim, S.Y., Kim, Y.D., Kim, Y.H., Kirdsiri, K., Ko, Y.J., Kobychiev, V.V., Kornoukhov, V., Kuzminov, V., Lee, H.J., Lee, H.S., Lee, J.H., Lee, J.M., Lee, K.B., Lee, M.H., Lee, M.K., Leonard, D.S., Li, J., Li, J., Li, Y.J., Limkitjaroenporn, P., Ma, K.J., Mineev, O., Mokina, V.M., Olsen, S., Panasenko, S., Pandey, I., Park, H.K., Park, H.S., Park, K.S., Poda, D.V., Polischuk, O.G., Polozov, P., Prihtidi, H., Ratkevich, S., Ra, S.J., Rooh, G., So, J.H., Srisittipokakun, N., Tekueva, J., Tretiyak, V.I., Yeresnikova, A., Wirawan, R., Yakimenko, S., Yershov, N., Yoon, W.S., Yoon, Y.S., Yue, Q.	A Study of Radioactive Contamination of 40Ca100MoO4 Crystals for the AMoRE Experiment (2016) IEEE Transactions on Nuclear Science, 63 (2), art. no. 7454879, pp. 543-547.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964553230&doi=10.1109%2FTNS.2016.2530828&partnerID=40&md5=56dafaee1f3034a4fc7a909a928922ab
Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I., Ratkevich, S.S. , Tekueva, D.A., Yakimenko, S.P.	A technique for searching for the 2K capture in 124Xe with a copper proportional counter (2015) Physics of Atomic Nuclei, 78 (13), pp. 1563-1566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957083695&doi=10.1134%2FIS1063778815130098&partnerID=40&md5=9f291ac5d5dee2f45313ded03cd2258
Gavriljuk, Y.M., Gangapshev, A.M., Gezhaev, A.M., Etezo, R.A., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I., Ratkevich, S.S. , Tekueva, D.A., Yakimenko, S.P.	High-resolution ion pulse ionization chamber with air filling for the 222Rn decays detection (2015) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 801, pp. 27-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941265710&doi=10.1016%2Fij.nima.2015.08.034&partnerID=40&md5=c4e076f46d1cfc138cf14066e00c23ad
Gavriljuk, Y.M., Gangapshev, A.N., Derbin, A.V., Drachnev, I.S., Kazalov, V.V., Kobychiev, V.V., Kuzminov, V.V., Muratova, V.N., Panasenko, S.I., Ratkevich, S.S. , Semenov, D.A., Tekueva, D.A., Unzhakov, E.V., Yakimenko, S.P.	New experiment on search for the resonance absorption of solar axion emitted in the M1 transition of 83Kr nuclei (2015) JETP Letters, 101 (10), pp. 664-669.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938391002&doi=10.1134%2FIS1063779615020069&partnerID=40&md5=e5e69e24ec15f10cad4e46cd9f9b9edf
Alexeyev, E.N., Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I., Ratkevich, S.S.	Sources of the systematic errors in measurements of 214Po decay half-life time variations at the Baksan deep underground experiments (2015) Physics of Particles and Nuclei, 46 (2), pp. 157-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924815215&doi=10.1134%2FIS1063779615020021&partnerID=40&md5=456d86148186a22bb6f86236fc742745
Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I., Ratkevich, S.S. , Tekueva, D.A., Yakimenko, S.P.	First result of the experimental search for the 2K-capture of 124Xe with the copper proportional counter (2015) Physics of Particles and Nuclei, 46 (2), pp. 147-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924767850&doi=10.1134%2FIS1063779615020082&partnerID=40&md5=3b36c2e1c6f35830fc374df1879fe663
Gavriljuk, Y.M., Gangapshev, A.M., Derbin, A.V., Kazalov, V.V., Kim, H.J., Kim, Y.D., Kobychiev, V.V., Kuzminov, V.V., Ali, L., Muratova, V.N., Panasenko, S.I., Ratkevich, S.S. , Semenov, D.A., Tekueva, D.A., Yakimenko, S.P., Unzhakov, E.V.	First result of the experimental search for the 9.4 keV solar axion reactions with 83Kr in the copper proportional counter (2015) Physics of Particles and Nuclei, 46 (2), pp. 152-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924762752&doi=10.1134%2FIS1063779615020094&partnerID=40&md5=a56f0cadde4695ab55a172b864ce7725
Busanov, O.A., Etezo, R.A., Gavriljuk, Y.M., Gezhaev, A.M., Kazalov, V.V., Kornoukhov, V.N., Kuzminov, V.V., Moseev, P.S., Panasenko, S.I., Ratkevich, S.S. , Yakimenko, S.P.	Background radioactivity of construction materials, raw substance and ready-made CaMoO4 crystals (2014) EPJ Web of Conferences, 65, art. no. 03002, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898739055&doi=10.1051%2Fepjconf%2F20136503002&partnerID=40&md5=c0170975da393ce29fbb6948d50fc4fb
Gavriljuk, J.M., Gangapshev, A.M., Gezhaev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I., Ratkevich, S.S. , Smolnikov, A.A., Yakimen, S.P.	Working characteristics of the New Low-Background Laboratory (DULB-4900) (2013) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 729, pp. 576-580.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883670880&doi=10.1016%2Fij.nima.2013.07.090&partnerID=40&md5=21d09c9a067ba5b4772b374e261e360a
Gavriljuk, Y.M., Gangapshev, A.M., Zhantudueva, D.A., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I., Ratkevich, S.S. , Efendiev, K.V., Yakimenko, S.P.	Results of experiments devoted to searches for 2K capture on 78Kr and for the double-beta decay of 136Xe with the aid of proportional counters (2013) Physics of Atomic Nuclei, 76 (9), pp. 1063-1071.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884521687&doi=10.1134%2FIS1063778813090068&partnerID=40&md5=30102f1d8ec300b9533930e41f221758
Alexeyev, E.N., Alekseenko, V.V., Gavriljuk, J.M., Gangapshev, A.M., Gezhaev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I., Ratkevich, S.S. , Yakimenko, S.P.	Experimental test of the time stability of the half-life of alpha-decay 214Po nuclei (2013) Astroparticle Physics, 46, pp. 23-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878294752&doi=10.1016%2Fij.astropartphys.2013.04.005&partnerID=40&md5=c454452b2c9fa007ea5d93da4d8791b8
Gavriljuk, Yu.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I., Ratkevich, S.S.	Indications of 2v2K capture in 78Kr (2013) Physical Review C - Nuclear Physics, 87 (3), art. no. 035501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875129989&doi=10.1103%2FPhysRevC.87.035501&partnerID=40&md5=6922fbd2de46fb7c22c883a298b45b26
Fedorets, I.D., Ratkevich, S.S.	Radiative strength functions for dipole transitions in 90Zr (2013) Physics of Atomic Nuclei, 76 (1), pp. 44-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872982025&doi=10.1134%2FIS1063778812120022&partnerID=40&md5=2abaf6e6db6f5395024b5f3d3e6518db

So, J.H., Kim, H.J., Alenkov, V.V., Annenkov, A.N., Bhang, H., Boiko, R.S., Buzanov, O.A., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V., Enssg, C., Fleischmann, A., Gangapshv, A.M., Gastaldo, L., Gavryluk, Yu.M., Gezhaev, A.M., Hwang, Y.S., Jang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, G.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychv, V.V., Kornoukhov, V.N., Kuzminov, V.V., Lee, H.J., Lee, H.S., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Mokina, V.M., Myung, S.S., Nikolaiko, A.S., Olsen, S.L., Panasenکو, S.I., Poda, D.V., Podvianuk, R.B., Polischuk, O.G., Polozov, P.A., Ratkevich, S.S. , Satou, Y., Tanida, K., Tretyak, V.I., Yakimenko, S.P., Yoon, W.S., Yue, Q., Yuryev, Y.N.	A study of CaMoO ₄ crystals for the AMoRE Experiment (2012) IEEE Nuclear Science Symposium Conference Record, art. no. 6551459, pp. 1987-1990.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881566460&doi=10.1109%2fNSSMIC.2012.6551459&partnerID=40&md5=b097a3bc8954bb39308780a12ba30529
Bhang, H., Boiko, R.S., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V., Enss, C., Fleischmann, A., Gangapshv, A.M., Gastaldo, L., Gezhaev, A.M., Hwang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, H.J., Kim, K.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychv, V.V., Kornoukhov, V.N., Kuzminov, V.V., Mokina, V.M., Lee, H.S., Lee, J.I., Lee, J.M., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Li, X., Myung, S.S., Nikolaiko, A.S., Olsen, S., Panasenکو, S.I., Park, H., Poda, D.V., Podvianuk, R.B., Polischuk, O.G., Polozov, P.A., Ratkevich, S.S. , Satou, Y., So, J.H., Tanida, K., Tretyak, V.I., Yakimenکو, S.P., Yue, Q., Yuryev, Y.	AMoRE experiment: A search for neutrinoless double beta decay of 100Mo isotope with 40Ca 100MoO ₄ cryogenic scintillation detector (2012) Journal of Physics: Conference Series, 375 (PART 4), art. no. 042023, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864981969&doi=10.1088%2f1742-6596%2f375%2f1%2f042023&partnerID=40&md5=9e16430dc0886eae3cf3b69609b74bb2
So, J.H., Kim, H.J., Alenkov, V.V., Annenkov, A.N., Bhang, H., Boiko, R.S., Buzanov, O.A., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V., Gangapshv, A.M., Gavryluk, Y.M., Gezhaev, A.M., Hwang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, G.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychv, V.V., Kornoukhov, V.N., Kuzminov, V.V., Lee, H.S., Lee, J.I., Lee, J.M., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Li, X., Mokina, V.M., Myung, S.S., Nikolaiko, A.S., Olsen, S., Park, H., Panasenکو, S.I., Poda, D.V., Podvianuk, R.B., Polischuk, O.G., Ratkevich, S.S. , Satou, Y., Tanida, K., Tretyak, V.I., Yakimenکو, S.P., Yue, Q.	Scintillation properties and internal background study of 40Ca 100MoO ₄ crystal scintillators for neutrino-less double beta decay search (2012) IEEE Transactions on Nuclear Science, 59 (5 PART 2), art. no. 6236260, pp. 2214-2218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867574855&doi=10.1109%2fTNS.2012.2200908&partnerID=40&md5=1cea69789849cad18c51fa827db53674
Gavriljuk, Yu.M., Gangapshv, A.M., Kuzminov, V.V., Panasenکو, S.I., Ratkevich, S.S.	Monitoring the 222Rn concentration in the air of low-background laboratories by means of an ion-pulse ionization chamber (2011) Bulletin of the Russian Academy of Sciences: Physics, 75 (4), pp. 547-551.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957489363&doi=10.3103%2fS1062873811040150&partnerID=40&md5=4a8c4937dbafe2daca08c06a1e8562e9
Gavriljuk, Yu.M., Gangapshv, A.M., Kazalov, V.V., Kuz'Minov, V.V., Panasenکو, S.I., Ratkevich, S.S. , Yakimenکو, S.P.	Investigating 2K-capture in 78Kr with a large-volume copper proportional counter (2011) Bulletin of the Russian Academy of Sciences: Physics, 75 (4), pp. 526-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957489364&doi=10.3103%2fS1062873811040149&partnerID=40&md5=be6022eb321c21d288141bc004f9dda
Gavriljuk, Y.M., Gangapshv, A.M., Kazalov, V.V., Kuz'Minov, V.V., Panasenکو, S.I., Ratkevich, S.S. , Yakimenکو, S.P.	Pulse shape analysis and identification of multipoint events in a large-volume proportional counter in an experimental search for 2K capture of 78Kr (2010) Instruments and Experimental Techniques, 53 (1), pp. 57-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950831397&doi=10.1134%2fS0020441210010082&partnerID=40&md5=174fb0d85a8b9e598e56961927be84963
Gavriljuk, Yu.M., Gangapshv, A.M., Kazalov, V.V., Kuz'Minov, V.V., Panasenکو, S.I., Ratkevich, S.S.	An ion pulse ionization chamber for spectrometric measurements of low surface α activities (2009) Instruments and Experimental Techniques, 52 (2), pp. 173-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65149101836&doi=10.1134%2fS0020441209020055&partnerID=40&md5=2cfd7e9c201b1daf6261007f3bc2f33f
Fedorets, I.D., Ratkevich, S.S.	Energy distribution of the E1-transition strengths in the 46Ti nucleus (2008) Physics of Atomic Nuclei, 71 (8), pp. 1325-1338.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50849088324&doi=10.1134%2fS1063778808080024&partnerID=40&md5=0f20e8c4530d35cb46177c92bb12a636
Gavriljuk, Ju.M., Gangapshv, A.M., Kuzminov, V.V., Panasenکو, S.I., Ratkevich, S.S.	Results of a search for 2 β decay of 136Xe with high-pressure copper proportional counters in Baksan Neutrino Observatory (2006) Physics of Atomic Nuclei, 69 (12), pp. 2129-2133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845750659&doi=10.1134%2fS1063778806120180&partnerID=40&md5=173def4fea6de879c783d7d4fa432516
Gavriljuk, Ju.M., Gangapshv, A.M., Gavrin, V.N., Kazalov, V.V., Kuzminov, V.V., Osetrova, N.Ya., Panasenکو, S.I., Pul'nikov, I.I., Ratkevich, S.S. , Ryabukhin, A.V., Shubin, A.N., Skorynin, G.V.	New stage of search for 2K(2v) capture of 78Kr (2006) Physics of Atomic Nuclei, 69 (12), pp. 2124-2128.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845766336&doi=10.1134%2fS1063778806120179&partnerID=40&md5=7fb9a686780f31a4528695d814e51d79
Gavriljuk, Yu.M., Gangapshv, A.M., Kuzminov, V.V., Osetrova, N.Ya., Panasenکو, S.I., Ratkevich, S.S.	Analysis of α -particle background events in a high-pressure proportional counter (2004) Physics of Atomic Nuclei, 67 (11), pp. 2017-2020.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144300872&doi=10.1134%2f1.1825521&partnerID=40&md5=3e597a3e776ef9525b79f5d95f267fbb
Gavriljuk, Yu.M., Gangapshv, A.M., Kuzminov, V.V., Osetrova, N.Ya., Panasenکو, S.I., Ratkevich, S.S.	First results of a search for the two-neutrino double-beta decay of 136Xe with high-pressure copper proportional counters (2004) Physics of Atomic Nuclei, 67 (11), pp. 2011-2016.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144249403&doi=10.1134%2f1.1825520&partnerID=40&md5=44fd7f1d9507f0dbd4bc4e088d61bf46
Nemashkalo, B.A., Zhebeko, K.V., Ratkevich, S.S. , Fedorets, I.D.	Partial photon strength functions for 66Zn nucleus (2003) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 67 (11), pp. 1561-1565.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347693008&partnerID=40&md5=5b89baf8f2bf212b62392513dc2ae97f
Nemashkalo, B.A., Utenkov, S.N., Ratkevich, S.S. , Fedorets, I.D.	Photon strength functions for 64Zn nucleus in range of 10 MeV (2003) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 67 (11), pp. 1556-1561.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345800997&partnerID=40&md5=efedf7603aefe0190a67e1531b9ad237
Gavriljuk, Yu.M., Gangapshv, A.M., Kuz'minov, V.V., Osetrova, N.Ya., Panasenکو, S.I., Ratkevich, S.S.	Characteristics of a proportional counter filled with CF ₄ and additions of Xe (2003) Instruments and Experimental Techniques, 46 (1), pp. 26-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4043093558&doi=10.1023%2fA%3a1022570904212&partnerID=40&md5=d4947ece29317b3d85e2cd7fec4989c

	Gavriljuk, Yu.M., Gangapshv, A.M., Kuz'minov, V.V., Osetrova, N.Ya., Panasenko, S.I., Ratkevich, S.S.	Characteristics of a proportional counter filled with CF4 and additions of Xe (2003) Priboiry i Tekhnika Eksperimenta, 46 (1), pp. 31-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037228134&partnerID=40&md5=fba5e2b83994da5461b4494c3fb14e9
	Ratkevich, S.S. , Fedorets, I.D., Nemashkalo, B.A., Storizhko, V.E.	The E1 strenght function distribution in 77.79Br (2001) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 65 (5), pp. 765-768.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745541372&partnerID=40&md5=9e31f568592488503088d758db0f6933
	Ratkevich, S.S. , Fedorets, I.D., Nemashkalo, B.A., Storizhko, V.E.	Radiative Strength Functions for Dipole Transitions in 57, 59Co (2000) Physics of Atomic Nuclei, 63 (9), pp. 1497-1503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034370620&doi=10.1134%2F1.1312882&partnerID=40&md5=828b8a370ce1ba624e973bafad17423e
	Gavriljuk, Ju.M., Kuzminov, V.V., Osetrova, N.Ya., Ratkevich, S.S.	New Limit on the Half-Life of 78Kr with Respect to the 2K (2v)-Capture Decay Mode (2000) Physics of Atomic Nuclei, 63 (12), pp. 2201-2204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034552320&doi=10.1134%2F1.1333889&partnerID=40&md5=c3c1dcb03d4526a15880be3bd3469917
	Gavriljuk, Ju.M., Kuzminov, V.V., Osetrova, N.Ya., Ratkevich, S.S.	Results of a search for the two neutrino double β decay of 136xe with proportional counters (2000) Physical Review C - Nuclear Physics, 61 (3), pp. 355011-355016.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18744418104&partnerID=40&md5=77c5389b09b9cb619332c4ed8d02cb41
	Volchenko, G.V., Gavriljuk, Yu.M., Kuz'minov, V.V., Osetrova, N.Ya., Ratkevich, S.S.	A method for searching for 136Xe double β -decay with high-pressure wall-less proportional counters (1999) Instruments and Experimental Techniques, 42 (1), pp. 31-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4444330695&partnerID=40&md5=3c5ecdd66c05759be01a5b5c4e9208d2
	Volchenko, G.V., Gavriljuk, Yu.M., Kuz'minov, V.V., Osetrova, N.Ya., Ratkevich, S.S.	Search for 2K(2v)-capture decay mode of 78Kr and 124Xe using wall-less proportional counters (1998) Instruments and Experimental Techniques, 41 (6), pp. 810-818.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544491900&partnerID=40&md5=1b60ec70a7f596bfa14b6fdb71719eb7
	Gavriljuk, Ju.M., Kuzminov, V.V., Osetrova, N.Ya., Ratkevich, S.S. , Volchenko, G.V.	Searches for 2K(2v)-capture mode of 78Kr and 124Xe decays with wall-less proportional counters (1998) Physics of Atomic Nuclei, 61 (8), pp. 1287-1292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038900002&partnerID=40&md5=e14de6b9c26180cfdcd30ddeb41cd55b9
	Volchenko, G.V., Gavriljuk, Yu.M., Kuz'minov, V.V., Osetrova, N.Ya., Ratkevich, S.S.	Search for 2K(2v)-capture decay mode of 78Kr and 124Xe using wall-less proportional counters (1998) Guangzi Xuebao/Acta Photonica Sinica, 27 (11), p. 810.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031600013&partnerID=40&md5=3fee50d9f543366e1dffedd02e7d3ea8
	Volchenko, G.V., Gavriljuk, Yu.M., Kuz'minov, V.V., Osetrova, N.Ya., Ratkevich, S.S.	A method for searching for 136Xe double β -decay with high-pressure wall-less proportional counters (1998) Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice, 18 (12), pp. 34-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031600230&partnerID=40&md5=3e1fde271b6253fb2602fbaa868ee5ec
	Ratkevich, S.S. , Xemashkln, U.A., Fedorets, I.D.	Radiative strenglu function for the primary transitions in the compound nucleus 69Ga (1997) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 61 (10), pp. 2039-2044.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000343759&partnerID=40&md5=e51da97dcbdb096c2cc7eca519de916f
	Zalyubovskii, I.I., Ratkevich, S.S. , Fedorets, I.D., Nemashkalo, B.A.	Energy dependence of the radiative strength function in Y isotopes below the nucleon binding energy (1997) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 61 (1), pp. 178-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007061644&partnerID=40&md5=3e5d7cb1082fa8673aa1a3dd76b9ed7d
	Ratkevich, S.S. , Fedorets, I.D., Nemashkalo, B.A.	Radiative strength function in 90Zr nucleus (1997) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 61 (11), pp. 2201-2205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007016113&partnerID=40&md5=947200c41e0b05b774f090047ca6a229
	Ratkevich, S.S. , Nemashkalo, B.A., Fedorets, I.D.	Radiative proton capture by 72, 74Ge nuclei (1997) Physics of Atomic Nuclei, 60 (5), pp. 713-719.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031509879&partnerID=40&md5=84d4987f8ab119bb3a56b2cddb491788
	Nemashkalo, B.A., Ratkevich, S.S. , Sirotkin, V.K., Fedorets, I.D., Shebeko, K.V.	Radiative capture of protons by 69Ga nuclei (1996) Physics of Atomic Nuclei, 59 (11), pp. 1857-1860.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030520973&partnerID=40&md5=e0e91c8e854e85679e4be67650db2d
61	Cheranovskii, V.O. , Ezerskaya, E.V., Klein, D.J., Tokarev, V.V.	Ground-state spin of hubbard ladder model with infinite electron repulsion (2017) Acta Physica Polonica A, 131 (4), pp. 916-918.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019617261&doi=10.12693%2FAPhysPolA.131.916&partnerID=40&md5=913c24735c48f943eb48b65e0d445d96
	Cheranovskii, V.O. , Ezerskaya, E.V., Klein, D.J., Tokarev, V.V.	Lowest energy states of Hubbard ladder model with infinite electron repulsion (2016) Computational and Theoretical Chemistry, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018997383&doi=10.1016%2Fj.comptc.2017.03.026&partnerID=40&md5=7527cac65363379f24b257513ec4cac7
	Šoltéssová, D., Vasylets, G., Čížmár, E., Botko, M., Cheranovskii, V. , Starodub, V., Feher, A.	Exchange interaction between TCNQ and transition metal ion mediated by hydrogen bonds in [Mn(phen)3](TCNQ)2·H2O and [Co(phen)3](TCNQ)2·H2O (2016) Journal of Physics and Chemistry of Solids, 99, pp. 182-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987887258&doi=10.1016%2Fj.jpcs.2016.08.022&partnerID=40&md5=60949d67e2a4bf44f02daa30e0acff4c
	Cheranovskii, V.O. , Ezerskaya, E.V.	Magnetic Properties of the Infinite U Hubbard Model on One-Dimensional Frustrated Lattices (2015) Journal of Superconductivity and Novel Magnetism, 28 (3), pp. 773-776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938062580&doi=10.1007%2fs10948-014-2642-9&partnerID=40&md5=d9eeda4b4c7199e50a87d8d8777edd76
	Botko, M., Cheranovskii, V. , Vasilets, G., Čížmar, E., Kajňáková, M., Anders, A.G., Starodub, V., Feher, A.	Magnetic properties of an S = 2 Ladder spin model applied to a new quasi-one-dimensional magnet [Mn(phen)3](TCNQ)2·H2O (2014) Acta Physica Polonica A, 126 (1), pp. 20-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899865613&doi=10.12693%2FAPhysPolA.126.20&partnerID=40&md5=d53f5a27e9ac3346b3746adb6ad006d0
	Cheranovskii, V.O. , Ezerskaya, E.V.	U = ∞ Hubbard model for 1D frustrated magnets (2013) Croatica Chemica Acta, 86 (4), pp. 431-434.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897710485&doi=10.5562%2Fcca2323&partnerID=40&md5=25d0f2de766d0a9f9f1776f53986ff4c
	Botko, M., Cheranovskii, V.O. , Kazheva, O.N., Shilov, G.V., Dyachenko, O.A., Verkin, A.B., Kucmin, M., Starodub, V.A., Radvákova, A., Kajňáková, M., Feher, A.	Interplay between crystal and magnetic structure of the anion-radical salt (N-Me-2,6-di-Me-Py)(TCNQ)2 (Py is pyridine) (2013) Solid State Sciences, 24, pp. 85-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881408551&doi=10.1016%2Fj.solidstatesciences.2013.07.011&partnerID=40&md5=0c513dbdad6655930635feabe856792
	Cheranovskii, V.O. , Ezerskaya, E.V., Kravchenko, A.A.	On a spectrum of the t-J model on a deformed lattice "necklace ladder" (2012) Low Temperature Physics, 38 (6), pp. 473-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862658194&doi=10.1063%2F1.4723665&partnerID=40&md5=522f095c9797fb48985669e32d4b622a
	Cheranovskii, V.O. , Ezerskaya, E.V., Kravchenko, A.A.	On the energy spectrum of t-J model on the distorted necklace ladder (2012) Fizika Nizkikh Temperatur, 38 (6), pp. 606-615.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860743424&partnerID=40&md5=a70c6994b2e4ef0c126171cf07b177a
	Starodub, V.A., Vitushkina, S.V., Kamenskiy, D., Anders, A.G., Cheranovskii, V.O. , Schmidt, H., Steinborn, D., Potočník, I., Kajňáková, M., Radvákova, A., Feher, A.	Peculiarities of crystal structures and magnetic properties of Cu(II) and Ni(II) mixed-ligand complexes on the 1,3-dithiole-2-thione-4,5-dithiolate basis (2012) Journal of Physics and Chemistry of Solids, 73 (2), pp. 350-356.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904785670&doi=10.1016%2Fj.jpcs.2011.10.001&partnerID=40&md5=7eee43e33c594731a83795fec171c484
	Cheranovskii, V.O. , Ezerskaya, E.V., Klein, D.J., Kravchenko, A.A.	Magnetic properties of model non-carbon nanotubes with macroscopic value of ground state spin (2011) Journal of Magnetism and Magnetic Materials, 323 (12), pp. 1636-1642.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952359381&doi=10.1016%2Fj.jmmm.2011.01.027&partnerID=40&md5=c259b201e08ca1a92ec002c30cf9db8d
	Cheranovskii, V.O. , Ezerskaya, E.V.	On the energy spectrum and ground-state properties of the decorated Heisenberg spin tube (2010) Acta Physica Polonica A, 118 (5), pp. 946-947.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649618216&partnerID=40&md5=9a4761ec6153644ca90df47046ebda9
	Radvákova, A., Ziolkovskiy, D.V., Cheranovskii, V.O. , Feher, A., Kajňáková, M., Kazheva, O.N., Alexandrov, G.G., Dyachenko, O.A., Starodub, V.A.	Spin-peierls transition in dimerized stacks of anion-radical salt (N-Me-2,5-di-Me-Pz)(TCNQ)2, (Pz is pyrazine) (2009) Journal of Physics and Chemistry of Solids, 70 (12), pp. 1471-1477.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350752179&doi=10.1016%2Fj.jpcs.2009.09.004&partnerID=40&md5=155980152c78c3ebdbcf11597cfb03cc
	Zvyagin, A.A., Cheranovskii, V.O.	Elementary excitations and thermodynamics of zig-zag spin ladders with alternating nearest-neighbor exchange interactions (2009) Low Temperature Physics, 35 (6), pp. 455-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68349121357&doi=10.1063%2F1.3151992&partnerID=40&md5=0c42149c847cb74991a3d4fa6db17285

	Zvyagin, A.A., Cheranovskii, V.O.	Elementary excitations and thermodynamics of zig-zag spin ladders with alternating nearest neighbor exchange interactions (2009) Fizika Nizkikh Temperatur (Kharkov), 35 (6), pp. 578-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650032634&partnerID=40&md5=96e383ffa009fb4e681f2d45c696cc
	Gnezdilov, V., Lemmens, P., Zvyagin, A.A., Cheranovskii, V.O., Lamonova, K., Pashkevich, Yu.G., Kremer, R.K., Berger, H.	Magnetic crossover and complex excitation spectrum of the ferromagnetic/antiferromagnetic spin-1/2 chain system α -TeVO ₄ (2008) Physical Review B - Condensed Matter and Materials Physics, 78 (18), art. no. 184407, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56349116375&doi=10.1103/2fPhysRevB.78.184407&partnerID=40&md5=d6c2b9fa493288b7cafc772ba3e4c68c
	Cheranovskii, V.O., Ezerskaya, E.V.	Magnetic properties of a necklace spin ladder (2008) Low Temperature Physics, 34 (3), pp. 223-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149086844&doi=10.1063%2f1.2887867&partnerID=40&md5=1cbb70a7be6105b6a76535cf1e14be29
	Cheranovskii, V.O., Ezerskaya, E.V.	Magnetic properties of necklace spin ladder (2008) Fizika Nizkikh Temperatur (Kharkov), 34 (3), pp. 287-292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40849145996&partnerID=40&md5=2ee32da45aa99416aaaecab81fe4786
	Cheranovskii, V.O., Chovpan, A.A., Ezerskaya, E.V., Özkan, I.	Energy spectrum and thermodynamics of anisotropic spin-1/2 two-leg ladder (2006) International Journal of Quantum Chemistry, 106 (10), pp. 2254-2261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745779681&doi=10.1002%2fqua.20998&partnerID=40&md5=17184451da490a34b64b64905ed78c07
	Ovchinnikov, A.A., Dmitriev, D.V., Krivnov, V.Ya., Cheranovskii, V.O.	Antiferromagnetic Ising chain in a mixed transverse and longitudinal magnetic field (2003) Physical Review B - Condensed Matter and Materials Physics, 68 (21), art. no. 214406, pp. 2144061-21440610.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642493970&partnerID=40&md5=b9d9ad8cd5d922eead7f54449c08b21
	Cheranovskii, V.O.	Spin permutation technique in the theory of strongly correlated electron systems (2002) Theoretical and Computational Chemistry, 10, pp. 699-727.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036921858&partnerID=40&md5=047004794d2315114506631d9be27a5e
	Cheranovskii, V.O., Ezerskaya, E.V., Kuznetsova, T.O.	On the energy spectrum of a spin lattice formed by a finite number of coupled spin-1/2 XY chains (2002) Journal of Physics Condensed Matter, 14 (34), pp. 8025-8032.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037008952&doi=10.1088%2f0953-8984%2f14%2f34%2f321&partnerID=40&md5=9e602820976a45493a7999c115c5082d
	Cheranovskii, V.O., Ezerskaya, E.V., Özkan, I.	Energy spectrum of extended Hubbard model with spin-dependent hopping and related spin ladder model (2002) International Journal of Quantum Chemistry, 88 (4), pp. 398-402.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037097196&doi=10.1002%2fqua.10177&partnerID=40&md5=e47494880221790773acd15157eca6ba
	Cheranovskii, O.V., Ezerskaya, E.V., Özkan, I.	The energy spectrum of a spin-1/2 ladder with mixed interactions (2001) Journal of Physics Condensed Matter, 13 (20), pp. 4525-4534.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035926882&doi=10.1088%2f0953-8984%2f13%2f20%2f313&partnerID=40&md5=0ff2c14d4ccfd94580b4d0dad93bc3d
	Cheranovskii, V.O., Ezerskaya, E.V., Krikunov, M.V.	Excitation spectrum of Hubbard model with infinite electron repulsion on strip-type triangular lattices (2001) International Journal of Quantum Chemistry, 81 (4), pp. 253-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035252927&doi=10.1002%2f1097-461X%282001%2981%3a4%3c253%3a%3aAID-QUA2%3e3.0.CO%3b2-H&partnerID=40&md5=2735d4d8d1fd0932f8d787cb44649311
	Cheranovskii, V.O., Özkan, I.	Ground state spin ordering and lowest energy excitations of a model organic ferrimagnet-polyallyl spin chain (2001) Journal of Magnetism and Magnetic Materials, 223 (2), pp. 156-162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035148387&doi=10.1016%2fS0304-8853%2800%2900718-6&partnerID=40&md5=79f6859a8af400b26ea9f3febb4350f
	Cheranovskii, V.O.	On the spectrum of the Hubbard model with infinite repulsion on anisotropic triangular ladder lattice (1999) Fizika Nizkikh Temperatur (Kharkov), 25 (4), pp. 384-389.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27244454573&partnerID=40&md5=02fa92e0bf2d05d6385613d7ea8acc
	Cheranovskii, V.O., Ezerskaya, E.V., Zhikol, O.A., Kinal, A., Pamuk, H.O.	Effect of doping on the ground-state spin of stacked organometallic ferromagnets (1999) International Journal of Quantum Chemistry, 73 (6), pp. 511-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342889066&partnerID=40&md5=e4bd7cc09a36005333304d92de815da
	Cheranovskii, V.O., Ezerskaya, E.V., Krikunov, M.V.	On the spectrum of the Hubbard model with infinite repulsion on anisotropic triangular ladder-type lattice (1999) Low Temperature Physics, 25 (4), pp. 280-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644452654&partnerID=40&md5=30bd4f71be2c34382ebd1b6f0864a100
	Cheranovskii, V.O., Esenturk, O., Pamuk, H.O.	Magnetic properties of multiband $U = \infty$ Hubbard model on anisotropic triangular and rectangular lattice strips (1998) Physical Review B - Condensed Matter and Materials Physics, 58 (18), pp. 12260-12266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012281926&partnerID=40&md5=03afc5b4a6c85328c766ad8f31efb1db
	Cheranovskii, V.O., Ezerskaya, E.V.	Analytical and numerical results for the spectrum of the modified one-dimensional Kondo-lattice model (1997) Physical Review B - Condensed Matter and Materials Physics, 55 (18), pp. 12480-12487.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0542441425&partnerID=40&md5=ab992af93fd50c1fa59a0ffce3b0969e
	Zhikol, O.A., Cheranovskii, V.O.	On the spectrum of the polyallyl spin chain (1996) Fizika Nizkikh Temperatur (Kharkov), 22 (7), p. 797.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3743125440&partnerID=40&md5=8ea93d7049ac565aa2abd1f025a6ab
	Cheranovski, V.O., Schmalz, T.G., Klein, D.J.	Real-space renormalization for Heisenberg models on two-dimensional lattices (1994) The Journal of Chemical Physics, 101 (7), pp. 5841-5846.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012233801&partnerID=40&md5=fc8063e648d42dff7c60e7f524d39bf
	Cheranovskii, V.O.	Electron structure of a high - spin hydrocarbon polyallyl: Hubbard approximation with a strong electron repulsion (1993) International Journal of Quantum Chemistry, 46 (4), pp. 577-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990671437&doi=10.1002%2fqua.560460405&partnerID=40&md5=b8c5ed812f138ecce1142b3201f26ccb
	Cheranovskii, V.O.	The application of cyclic spin permutations to the theory of strongly correlated electron systems (1992) International Journal of Quantum Chemistry, 41 (5), pp. 695-708.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987057132&doi=10.1002%2fqua.560410506&partnerID=40&md5=e673a2ce1c4fcb11943da5dd0745fa70
	Krivnov, V.Y., Ovchinnikov, A.A., Cheranovskii, V.O.	Magnetic properties of the hubbard model with strong interaction (1991) Synthetic Metals, 43 (1-2), pp. 3263-3266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026418828&doi=10.1016%2f0379-6779%2891%2991282-F&partnerID=40&md5=def4506a4afa328694b76b10f1ef265
	Krivnov, V.Ya., Ovchinnikov, A.A., Cheranovskii, V.O.	Some properties of the Hubbard model with infinite repulsion (1990) Theoretical and Mathematical Physics, 82 (2), pp. 151-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249955260&doi=10.1007%2fBF01079043&partnerID=40&md5=03773c823f47a7e050b0455b3de8c00a
	Krivnov, V.Ya., Ovchinnikov, A.A., Cheranovskii, V.O.	Magnetic properties of the hubbard model with infinite interactions (1989) Synthetic Metals, 33 (1), pp. 65-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024964101&doi=10.1016%2f0379-6779%2889%2990858-8&partnerID=40&md5=1fe0184a6661fbfc2eff307805a2f412
	Cheranovskii, V.O.	Spectrum of quasihomopolar states and dynamic instability of polymer chains with conjugated bonds (1988) Theoretical and Experimental Chemistry, 23 (4), pp. 368-374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250100885&doi=10.1007%2fBF00536352&partnerID=40&md5=19f42f60e425c5bc23f2c4d8bc8f80c
	Cheranovskii, V.O.	Excitation spectrum of heisenberg spin chains (1988) Theoretical and Experimental Chemistry, 24 (2), pp. 198-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250087879&doi=10.1007%2fBF00531195&partnerID=40&md5=ad543e0eb199c8f280650dc9855c92c9
	Cheranovskii, V.O., Pedash, Yu.F.	Conjugated-molecule dipole polarizability in the spin-Hamiltonian method (1987) Theoretical and Experimental Chemistry, 22 (4), pp. 449-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250127328&doi=10.1007%2fBF00523823&partnerID=40&md5=429e5c651704cf45a77e52c7cd0df830
	Cheranovskii, V.O., Pedash, Yu.F.	Spin densities on atoms in conjugated molecules in the spin-Hamiltonian method (1987) Theoretical and Experimental Chemistry, 23 (1), pp. 74-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250104832&doi=10.1007%2fBF00534978&partnerID=40&md5=4669b871db09920735276d4d969e44b8
	Cheranovskii, V.O.	A lower bound to exact energy levels for one-dimensional spin chains (1985) Theoretical and Experimental Chemistry, 20 (5), pp. 562-564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250112979&doi=10.1007%2fBF00522451&partnerID=40&md5=aa60ee276e94ae8b7c9b753592a95c03
	Cheranovskii, V.O.	Matrix elements of the spin Hamiltonian (1984) Theoretical and Experimental Chemistry, 20 (4), pp. 438-441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250111094&doi=10.1007%2fBF00516579&partnerID=40&md5=47534e74206b2b97b16f1021e01df7fa

	Cheranovskii, V.O.	Pericyclic reactions in a many-electron treatment (1981) Theoretical and Experimental Chemistry, 17 (1), pp. 15-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250237543&doi=10.1007%2fBF01114423&partnerID=40&md5=c2d2c8c8e1c0abf8439e831dc80ea5cc
	Ovchinnikov, A.A., Cheranovskii, V.O.	Electronic structure of "ferromagnetic" polymers with conjugated bonds (1981) Theoretical and Experimental Chemistry, 17 (1), pp. 6-14.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250244596&doi=10.1007%2fBF01114422&partnerID=40&md5=ace9b07213ebe4e67fff483572df9f14
	Ovchinnikov, A.A., Cheranovskii, V.O.	Perturbation theory in the spin hamiltonian method (1980) Theoretical and Experimental Chemistry, 16 (2), pp. 119-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250255900&doi=10.1007%2fBF00515986&partnerID=40&md5=bce7077bb46eeb5144a401cc51484d62
62	Penttilä, A., Shevchenko, V.G. , Wilkman, O., Muinonen, K.	H, G1, G2 photometric phase function extended to low-accuracy data (2016) Planetary and Space Science, 123, pp. 117-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960252639&doi=10.1016%2fj.pss.2015.08.010&partnerID=40&md5=cf84d7ccad8e4cc44867ba27d90d3cd
	Shevchenko, V.G. , Belskaya, I.N., Muinonen, K., Penttilä, A., Krugly, Y.N., Velichko, F.P., Chiorny, V.G., Slyusarev, I.G., Gaftonyuk, N.M., Tereschenko, I.A.	Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system (2016) Planetary and Space Science, 123, pp. 101-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960269613&doi=10.1016%2fj.pss.2015.11.007&partnerID=40&md5=54a1007c563c67befb5dfbbe87a81f41
	Shevchenko, V.G. , Slyusarev, I.G., Belskaya, I.N.	Revised albedos of Trojan asteroids (911) Agamemnon and (4709) Ennomos (2014) Meteoritics and Planetary Science, 49 (1), pp. 103-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892830864&doi=10.1111%2fmaps.12234&partnerID=40&md5=2b40371967199c8c41e89e3d1cfa1c9
	Durech, J., Vokrouhlický, D., Baransky, A.R., Breiter, S., Burkhonov, O.A., Cooney, W., Fuller, V., Gaftonyuk, N.M., Gross, J., Inasaridze, R.Y., Kaasalainen, M., Krugly, Y.N., Kvaratskhelia, O.I., Litvinenko, E.A., MacOmber, B., Marchis, F., Molotov, I.E., Oey, J., Polishook, D., Pollock, J., Pravec, P., Sárneczky, K., Shevchenko, V.G. , Slyusarev, I., Stephens, R., Szabó, Gy., Terrell, D., Vachier, F., Vanderplate, Z., Viikinkoski, M., Warner, B.D.	Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger-search for the YORP effect (2012) Astronomy and Astrophysics, 547, art. no. A10, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867657059&doi=10.1051%2f0004-6361%2f201219396&partnerID=40&md5=1ad23a4a01724d1143d3d5c39bcf60de
	Pravec, P., Scheirich, P., Vokrouhlický, D., Harris, A.W., Kušnirák, P., Hornoch, K., Pray, D.P., Higgins, D., Galád, A., Világi, J., Gajdoš, Š., Kornoš, L., Oey, J., Husárik, M., Cooney, W.R., Gross, J., Terrell, D., Durkee, R., Pollock, J., Reichart, D.E., Ivarsen, K., Haislip, J., LaCluyze, A., Krugly, Y.N., Gaftonyuk, N., Stephens, R.D., Dyvig, R., Reddy, V., Chiorny, V., Vaduvescu, O., Longa-Peña, P., Tudorica, A., Warner, B.D., Masi, G., Brinsfield, J., Gonçalves, R., Brown, P., Krzeminski, Z., Geraschenko, O., Shevchenko, V. , Molotov, I., Marchis, F.	Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries (2012) Icarus, 218 (1), pp. 125-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855819847&doi=10.1016%2fj.icarus.2011.11.026&partnerID=40&md5=b4f32e74a24ef6bc86609be25a9276f
	Shevchenko, V.G. , Belskaya, I.N., Slyusarev, I.G., Krugly, Y., Chiorny, V.G., Gaftonyuk, N.M., Donchev, Z., Ivanova, V., Ibrahimov, M.A., Ehgamberdiev, S., Molotov, I.E.	Opposition effect of Trojan asteroids (2012) Icarus, 217 (1), pp. 202-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82355186549&doi=10.1016%2fj.icarus.2011.11.001&partnerID=40&md5=2a1e0397d131b440f515a73812943dfe
	Belskaya, I.N., Fornasier, S., Krugly, Yu.N., Shevchenko, V.G. , Gaftonyuk, N.M., Barucci, M.A., Fulchignoni, M., Gil-Hutton, R.	Puzzling asteroid 21 Lutetia: Our knowledge prior to the Rosetta fly-by (2010) Astronomy and Astrophysics, 515 (4), art. no. A29, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953220233&doi=10.1051%2f0004-6361%2f201013994&partnerID=40&md5=3e148169d7d5ceb35dc81f48b4299c30
	Tereshchenko, I.A., Shevchenko, V.G. , Krugly, Y.N.	Investigation of the photometric system of the AZT-8 telescope and IMG 1024S CCD-camera (2010) Kinematics and Physics of Celestial Bodies, 26 (2), pp. 89-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952991116&doi=10.3103%2fS0884591310020078&partnerID=40&md5=9cfc226c0252047c661f7891f53b7501
	Shevchenko, V.G. , Tungalag, N., Chiorny, V.G., Gaftonyuk, N.M., Krugly, Y.N., Harris, A.W., Young, J.W.	CCD-photometry and pole coordinates for eight asteroids (2009) Planetary and Space Science, 57 (12), pp. 1514-1520.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70149096403&doi=10.1016%2fj.pss.2009.08.001&partnerID=40&md5=6ebff5d1f99b8aa89146f735aa7aae8c
	Rosenbush, V.K., Shevchenko, V.G. , Kiselev, N.N., Sergeev, A.V., Shakhovskoy, N.M., Velichko, F.P., Kolesnikov, S.V., Karpov, N.V.	Polarization and brightness opposition effects for the E-type Asteroid 44 Nysa (2009) Icarus, 201 (2), pp. 655-665.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349177518&doi=10.1016%2fj.icarus.2009.01.007&partnerID=40&md5=9d02c035578a7a803955a64c2b8d094
	Dotto, E., Perna, D., Fornasier, S., Belskaya, I.N., Barucci, M.A., Shevchenko, V.G. , Krugly, Yu.N., Gaftonyuk, N.M., Tereschenko, I.A., Scipioni, F., De Luise, F.	Photometrie and spectroscopic investigation of 2867 Steins, target of the Rosetta mission Ground-based results prior to the Rosetta fly-by (2009) Astronomy and Astrophysics, 494 (3), pp. L29-L32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-60349089963&doi=10.1051%2f0004-6361%3a200811340&partnerID=40&md5=10a5913359e2803f8dbba3d02126b554
	Durech, J., Vokrouhlický, D., Kaasalainen, M., Higgins, D., Krugly, Yu.N., Gaftonyuk, N.M., Shevchenko, V.G. , Chiorny, V.G., Hamanowa, H., Hamanowa, H., Reddy, V., Dyvig, R.R.	Detection of the YORP effect in asteroid (1620) Geographos (2008) Astronomy and Astrophysics, 489 (2), pp. L25-L28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52949129514&doi=10.1051%2f0004-6361%3a200810672&partnerID=40&md5=66522a5c6cc85bd7d784f5b95d07d66c
	Pravec, P., Harris, A.W., Vokrouhlický, D., Warner, B.D., Kušnirák, P., Hornoch, K., Pray, D.P., Higgins, D., Oey, J., Galád, A., Gajdoš, S., Kornoš, L., Világi, J., Husárik, M., Krugly, Yu.N., Shevchenko, V., Chiorny, V., Gaftonyuk, N., Cooney Jr., W.R., Gross, J., Terrell, D., Stephens, R.D., Dyvig, R., Reddy, V., Ries, J.G., Colas, F., Lecacheux, J., Durkee, R., Masi, G., Koff, R.A., Goncalves, R.	Spin rate distribution of small asteroids (2008) Icarus, 197 (2), pp. 497-504.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51949114676&doi=10.1016%2fj.icarus.2008.05.012&partnerID=40&md5=8e0d5a54e36c8e00f57efb67ef0f55b43
	Durech, J., Vokrouhlický, D., Kaasalainen, M., Weissman, P., Lowry, S.C., Beshore, E., Higgins, D., Krugly, Y.N., Shevchenko, V.G. , Gaftonyuk, N.M., Choi, Y.-J., Kowalski, R.A., Larson, S., Warner, B.D., Marshalkina, A.L., Ibrahimov, M.A., Molotov, I.E., Michałowski, T., Kitazato, K.	New photometric observations of asteroids (1862) Apollo and (25143) Itokawa - An analysis of YORP effect (2008) Astronomy and Astrophysics, 488 (1), pp. 345-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49749129246&doi=10.1051%2f0004-6361%3a200809663&partnerID=40&md5=d630e84235cee9f57bcd217436d2014
	Shevchenko, V.G. , Chiorny, V.G., Gaftonyuk, N.M., Krugly, Y.N., Belskaya, I.N., Tereschenko, I.A., Velichko, F.P.	Asteroid observations at low phase angles. III. Brightness behavior of dark asteroids (2008) Icarus, 196 (2), pp. 601-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47149088825&doi=10.1016%2fj.icarus.2008.03.015&partnerID=40&md5=304acedcfd51fda1499fb2f88d769a23
	Chiorny, V.G., Shevchenko, V.G. , Krugly, Yu.N., Velichko, F.P., Gaftonyuk, N.M.	Photometry of asteroids: Lightcurves of 24 asteroids obtained in 1993-2005 (2007) Planetary and Space Science, 55 (7-8), pp. 986-997.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247542100&doi=10.1016%2fj.pss.2007.01.001&partnerID=40&md5=538c7dbccbb1fa38d9163c084201f348

	Krugly, Yu.N., Maccone, C., Gaftonyuk, N.M., Lupishko, D.F., Shevchenko, V.G. , Velichko, F.P.	11 264 Claudiomaccone: Small binary main-belt asteroid (2007) Planetary and Space Science, 55 (4), pp. 449-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846918857&doi=10.1016%2Fj.pss.2006.09.006&partnerID=40&md5=1335696239ba8b9693acbc4215523ac1
	Shevchenko, V.G. , Tedesco, E.F.	Asteroid albedos deduced from stellar occultations (2006) Icarus, 184 (1), pp. 211-220.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747273031&doi=10.1016%2Fj.icarus.2006.04.006&partnerID=40&md5=c4097f764be7a1e6c2c5d629eb297224
	Belskaya, I.N., Ortiz, J.L., Rousselot, P., Ivanova, V., Borisov, G., Shevchenko, V.G. , Peixinho, N.	Low phase angle effects in photometry of trans-neptunian objects: 2000 Varuna and 19308 (1996 TO66) (2006) Icarus, 184 (1), pp. 277-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747182493&doi=10.1016%2Fj.icarus.2006.04.015&partnerID=40&md5=b4bcf0ef111369e1eaafc527911fee7a
	Krugly, Yu.N., Gaftonyuk, N.M., Belskaya, I.N., Chiorny, V.G., Shevchenko, V.G. , Velichko, F.P., Lupishko, D.F., Konovalenko, A.A., Falkovich, I.S., Molotov, I.E.	Kharkiv study of near-Earth asteroids (2006) Proceedings of the International Astronomical Union, 2 (S236), pp. 385-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049002618&doi=10.1017%2Fsi174392130700347X&partnerID=40&md5=57ae0d5476ed8ae9193c298f0d3f2f8e
	Rosenbush, V.K., Kiselev, N.N., Shevchenko, V.G. , Jockers, K., Shakhovskoy, N.M., Efimov, Y.S.	Polarization and brightness opposition effects for the E-type Asteroid 64 Angelina (2005) Icarus, 178 (1), pp. 222-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24144452400&doi=10.1016%2Fj.icarus.2005.04.008&partnerID=40&md5=df5480c270a15b3442cb3d772348e8e9
	Belskaya, I.N., Shkuratov, Yu.G., Efimov, Yu.S., Shakhovskoy, N.M., Gil-Hutton, R., Cellino, A., Zubko, E.S., Ovcharenko, A.A., Bondarenko, S.Yu., Shevchenko, V.G. , Fornasier, S., Barbieri, C.	The F-type asteroids with small inversion angles of polarization (2005) Icarus, 178 (1), pp. 213-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27244451630&doi=10.1016%2Fj.icarus.2005.04.015&partnerID=40&md5=873e4a9de724714ea7b7ea534495e8d1
	Shevchenko, V.G. , Mohamed, R.A.	Spacecraft exploration of asteroids (2005) Solar System Research, 39 (1), pp. 73-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-15244347052&doi=10.1007%2Fsi11208-005-0006-5&partnerID=40&md5=58df174f1c6535a1cf105e78d61c9e4c
	Pravec, P., Harris, A.W., Scheirich, P., Kušnirák, P., Šarounová, L., Hergenrother, C.W., Mottola, S., Hicks, M.D., Masi, G., Krugly, Yu.N., Shevchenko, V.G. , Nolan, M.C., Howell, E.S., Kaasalainen, M., Galád, A., Brown, P., DeGraff, D.R., Lambert, J.V., Cooney Jr., W.R., Foglia, S.	Tumbling asteroids (2005) Icarus, 173 (1), pp. 108-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12144280258&doi=10.1016%2Fj.icarus.2004.07.021&partnerID=40&md5=56d4fcc14167692e528be74db679ec52
	Kaasalainen, M., Pravec, P., Krugly, Y.N., Šarounová, L., Torppa, J., Virtanen, J., Kaasalainen, S., Erikson, A., Nathues, A., Durech, J., Wolf, M., Lagerros, J.S.V., Lindgren, M., Lagerkvist, C.-I., Koff, R., Davies, J., Mann, R., Kušnirák, P., Gaftonyuk, N.M., Shevchenko, V.G. , Chiorny, V.G., Belskaya, I.N.	Photometry and models of eight near-Earth asteroids (2004) Icarus, 167 (1), pp. 178-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642502482&doi=10.1016%2Fj.icarus.2003.09.012&partnerID=40&md5=867f466fc33a3e3da114850a7a64ba6
	Belskaya, I.N., Shevchenko, V.G. , Kiselev, N.N., Krugly, Y.N., Shakhovskoy, N.M., Efimov, Y.S., Gaftonyuk, N.M., Cellino, A., Gil-Hutton, R.	Opposition polarimetry and photometry of S- and E-type asteroids (2003) Icarus, 166 (2), pp. 276-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037598479&doi=10.1016%2Fj.icarus.2003.09.005&partnerID=40&md5=654e4f1aab0cda59b53c980a3fe72f73
	Shevchenko, V.G. , Krugly, Yu.N., Chiorny, V.G., Belskaya, I.N., Gaftonyuk, N.M.	Rotation and photometric properties of E-type asteroids (2003) Planetary and Space Science, 51 (9-10), pp. 525-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037698168&doi=10.1016%2FIS0032-0633%2803%2900076-X&partnerID=40&md5=73acc305b5b215be3ad8c6ac9b4148d3
	Krugly, Yu.N., Belskaya, I.N., Shevchenko, V.G. , Chiorny, V.G., Velichko, F.P., Mottola, S., Erikson, A., Hahn, G., Nathues, A., Neukum, G., Gaftonyuk, N.M., Dotto, E.	The near-Earth objects follow-up program. IV. CCD photometry 1996-1999 (2002) Icarus, 158 (2), pp. 294-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036696762&doi=10.1006%2Ficar.2002.6884&partnerID=40&md5=efbf b3250cf2b6b80c1d1489184707c4
	Krugly, Yu.N., Belskaya, I.N., Chiorny, V.G., Shevchenko, V.G. , Gaftonyuk, N.M.	CCD photometry of near-earth asteroids in 2001 (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 903-906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664495&partnerID=40&md5=3825e108904a7a95db910622481c53c2
	Belskaya, I.N., Shevchenko, V.G. , Efimov, Yu.S., Shakhovskoy, N.M., Shkuratov, Yu.G., Gaftonyuk, N.M., Gil-Hutton, R., Krugly, Yu.N., Chiorny, V.G.	Opposition polarimetry and photometry of the low albedo asteroid 419 Aurelia (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 489-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664681&partnerID=40&md5=b81c4cfafac9fba0e0f5056bf257d899
	Shevchenko, V.G. , Belskaya, I.N., Krugly, Yu.N., Chiorny, V.G., Gaftonyuk, N.M.	Asteroid observations at low phase angles. II. 5 Astraea, 75 Eurydike, 77 Frigga, 105 Artemis, 119 Althaea, 124 Alkestes, and 201 Penelope (2002) Icarus, 155 (2), pp. 365-374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036104776&doi=10.1006%2Ficar.2001.6651&partnerID=40&md5=bdc33c5e861f5993ed702a0f38121e74
	Belskaya, I.N., Shevchenko, V.G.	Opposition Effect of Asteroids (2000) Icarus, 147 (1), pp. 94-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002873620&doi=10.1006%2Ficar.2000.6410&partnerID=40&md5=2ae45a4d5929d142333b2b89339f7dc4
	Pravec, P., Šarounová, L., Rabinowitz, D.L., Hicks, M.D., Wolf, M., Krugly, Y.N., Velichko, F.P., Shevchenko, V.G. , Chiorny, V.G., Gaftonyuk, N.M., Geneviev, G.	Two-Period Lightcurves of 1996 FG3, 1998 PG, and (5407) 1992 AX: One Probable and Two Possible Binary Asteroids (2000) Icarus, 146 (1), pp. 190-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000027081&doi=10.1006%2Ficar.2000.6375&partnerID=40&md5=c73830af3d9c7d0de381ba303617c455
	Shevchenko, V.G. , Lupishko, D.F.	Optical properties of asteroids from photometric data (1998) Solar System Research, 32 (3), pp. 220-232.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644506901&partnerID=40&md5=01fe000943b351642c621d6b29b8d97
	Lagerkvist, C.-I., Belskaya, I., Erikson, A., Shevchenko, V. , Mottola, S., Chiorny, V., Magnusson, P., Nathues, A., Piironen, J.	Physical studies of asteroids: XXXIII. The spin rate of M-type asteroids (1998) Astronomy and Astrophysics Supplement Series, 131 (1), pp. 55-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24844443710&partnerID=40&md5=388f02492cf55b58b917c0c5421ee89e
	Shevchenko, V.G.	Analysis of asteroid brightness-phase relations (1997) Solar System Research, 31 (3), pp. 219-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21744435717&partnerID=40&md5=aede825ea77a814c4bc68fb1adafe81d
	Shevchenko, V.G. , Belskaya, I.N., Chiorny, V.G., Piironen, J., Erikson, A., Neukum, G., Mohamed, R.	Asteroid observations at low phase angles. I. 50 Virginia, 91 Aegina and 102 Miriam (1997) Planetary and Space Science, 45 (12), pp. 1615-1623.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000437121&partnerID=40&md5=581fcd564a113414d9ea7fc2bae0cb1
	Hahn, G., Mottola, S., Erikson, A., Harris, A.W., Neukum, G., Maury, A., Savalle, R., Scholl, H., Bijaoui, A., DiMartino, M., Barbieri, C., Lazzarin, M., Migliorini, F., Pravec, P., Wolf, M., Sarounova, L., Velichko, F.P., Krugly, Y.N., Belskaya, I.N., Shevchenko, V.G.	The EUNEO project: A European NEO Search, Follow-up, and Physical Observation Programme (1997) Annals of the New York Academy of Sciences, 822, pp. 27-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030790604&doi=10.1111%2Fj.1749-6632.1997.tb48331.x&partnerID=40&md5=2b26bbf19e1326da2ffecafdf825390
	Shevchenko, V.G. , Chiorny, V.G.	Magnitude-phase dependences for three asteroids (1996) Astronomy and Astrophysics Supplement Series, 115 (3), pp. 475-479.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012457524&partnerID=40&md5=a3ae217d3976671ce74fc0686246d73d
	Dovgopol, A.N., Krugly, Yu.N., Shevchenko, V.G.	Asteroid 126 Velleda: Rotation period and magnitude-phase curve (1996) Acta Astronomica, 42 (1), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030470097&partnerID=40&md5=482efd2e04389e7b72714acf12c5b510

	Magnusson, P., Dahlgren, M., Barucci, M.A., Jorda, L., Binzel, R.P., Slivan, S.M., Blanco, C., Riccioli, D., Buratti, B.J., Colas, F., Berthier, J., De Angelis, G., Di Martino, M., Dotto, E., Drummond, J.D., Fink, U., Hicks, M., Grundy, W., Wisniewski, W., Gaftonyuk, N.M., Geyer, E.H., Bauer, T., Hoffmann, M., Ivanova, V., Komitov, B., Donchev, Z., Denchev, P., Krugly, Yu.N., Velichko, F.P., Chiorniy, V.G., Lupishko, D.F., Shevchenko, V.G. , Kwiatkowski, T., Kryszczyńska, A., Lahulla, J.F., Licandro, J., Mendez, O., Mottola, S., Erikson, A., Ostro, S.J., Pravec, P., Pych, W., Tholen, D.J., Whiteley, R., Wild, W.J., Wolf, M., Šarounová, L.	Photometric observations and modeling of asteroid 1620 Geographos (1996) Icarus, 123 (1), pp. 227-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16144366535&doi=10.1006%2fcar.1996.0151&partnerID=40&md5=6cdeff3e9ae04a7631d076ed29f5f3c
	Michalowski, T., Velichko, F.P., Di Martino, M., Krugly, Yu.N., Kalashnikov, V.G., Shevchenko, V.G. , Birch, P.V., Sears, W.D., Denchev, P., Kwiatkowski, T.	Models of Four Asteroids: 17 Thetis, 52 Europa, 532 Herculina, and 704 Interamnia (1995) Icarus, 118 (2), pp. 292-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343858387&doi=10.1006%2fcar.1995.1192&partnerID=40&md5=40a3654aef9c3ac8361849f6dc228bae
	Chernova, G.P., Kiselev, N.N., Krugly, Yu.N., Lupishko, D.F., Shevchenko, V.G. , Velichko, F.P., Mohamed, R.A.	Photometry of amor asteroids 1036 ganymede and 1627 Ivar (1995) Astronomical Journal, 110 (4), pp. 1875-1878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011689324&partnerID=40&md5=90977db96722f7198ff0da999a16b0f7
	Spencer, J.R., Akimov, L.A., Angeli, C., Angelini, P., Barucci, M.A., Birch, P., Blanco, C., Buie, M.W., Caruso, A., Chiornij, V.G., Colas, F., Dentchev, P., Dorokhov, N.I., De Sanctis, M.C., Dotto, E., Ezhkova, O.B., Fulchignoni, M., Green, S., Harris, A.W., Howell, E.S., Hudecek, T., Kalashnikov, A.V., Kobelev, V.V., Korobova, Z.B., Koshkin, N.I., Kozhevnikov, V.P., Krugly, Yu.N., Lazzaro, D., Lecacheux, J., MacConnell, J., Mel'nikov, S.Yu., Michalowski, T., Mueller, B.E.A., Nakamura, T., Neese, C., Nolan, M.C., Osborn, W., Pravec, P., Riccioli, D., Shevchenko, V.S., Shevchenko, V.G. , Tholen, D.J., Velichko, F.P., Venditti, C., Venditti, R., Wisniewski, W., Young, J., Zellner, B.	The Lightcurve of 4179 Toutatis: Evidence for Complex Rotation (1995) Icarus, 117 (1), pp. 71-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002689414&doi=10.1006%2fcar.1995.1143&partnerID=40&md5=71f6a59208d8bb0d262bfada87767c15
	Shkuratov, Yu.G., Starukhina, L.V., Kreslavsky, M.A., Opanasenko, N.V., Stankevich, D.G., Shevchenko, V.G.	Principle of Undulatory Invariance in Photometry of Atmosphereless Celestial Bodies (1994) Icarus, 109 (1), pp. 168-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007457754&doi=10.1006%2fcar.1994.1084&partnerID=40&md5=093e34b5aebdf0223ebf6d467c8a52e6
	Shevchenko, V.G. , Chiornij, V.G., Krugly, Yu.N., Lupishko, D.F., Mohamed, R.A., Velichko, F.P., Michalowski, T., Avramchuk, V.V., Dovgopoli, A.N.	Photometry of seventeen asteroids (1992) Icarus, 100 (2), pp. 295-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0006177856&doi=10.1016%2f0019-1035%2892%2990102-D&partnerID=40&md5=c30d27d56fbee828aa238afd2979be3
	Hahn, G., Magnusson, P., Harris, A.W., Young, J.W., Belkora, L.A., Fico, N.J., Lupishko, D.F., Shevchenko, V.G. , Velichko, F.P., Burchi, R., Ciunci, G., Di Martino, M., Debehogne, H.	Physical studies of Apollo-Amor asteroids: UBVR photometry of 1036 Ganymed and 1627 Ivar (1989) Icarus, 78 (2), pp. 363-381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011637868&doi=10.1016%2f0019-1035%2889%2990184-X&partnerID=40&md5=cbd9eedcc5e184cdefa328fdb52712a
63	Yunakova, O.N. , Yunakov, N.N., Kovalenko, E.N., Kovalenko, V.V.	The exciton absorption spectrum of thin films of superionic conductor CuPb3Br7 (2016) Fizika Nizkikh Temperatur, 42 (9), pp. 981-985.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983647281&partnerID=40&md5=a3b4fc55bde659ae8be2a70db6aba5c
	Yunakova, O.N. , Yunakov, N.N., Kovalenko, E.N., Kovalenko, V.V.	The exciton absorption spectrum of thin CuPb3Br7 superionic conductor films (2016) Low Temperature Physics, 42 (9), pp. 768-771.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990931515&doi=10.1063%2f1.4963327&partnerID=40&md5=248dff75e509c79eda1300b6e9b31441
	Kovalenko, V.V., Kovalenko, E.N., Yunakova, O.N. , Yunakov, N.N.	Exciton absorption spectra of KPb2Br5 thin films (2016) Functional Materials, 23 (4), pp. 570-575.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008156618&doi=10.15407%2ffm23.04.394&partnerID=40&md5=ddf45959bef8d028f7e7c2032c29933d
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N., Kovalenko, V.V.	Exciton absorption spectrum of Cs$\langle\infty\rangle$-PbCl$\langle\infty\rangle$ thin films (2015) Functional Materials, 22 (2), pp. 175-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936941262&doi=10.15407%2ffm22.02.175&partnerID=40&md5=6de731ff7040bc4b0f3787c8773862
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N., Kovalenko, V.V.	The absorption spectrum of KPb$\langle\infty\rangle$-Cl$\langle\infty\rangle$ thin films (2015) Fizika Nizkikh Temperatur, 41 (8), pp. 830-834.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932621462&partnerID=40&md5=b28a5e20172f68cd3e2744fc24d0ccf4
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N., Kovalenko, V.V.	Absorption spectrum of KPb$\langle\infty\rangle$-Cl$\langle\infty\rangle$ thin films (2015) Low Temperature Physics, 41 (8), pp. 645-648.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940930171&doi=10.1063%2f1.4929770&partnerID=40&md5=01fff6832d3918861e7a325e2202213c
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	The exciton absorption spectrum of KPbI3 thin films (2014) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 116 (1), pp. 68-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893728080&doi=10.1134%2fS0030400X1401024X&partnerID=40&md5=47ed1189f009638c12e40be5af20af5c
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N., Kovalenko, V.V.	The effect of structural phase transition of exciton absorption spectrum of thin CsPbCl3 films (2014) Fizika Nizkikh Temperatur, 40 (8), pp. 888-892.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903946987&partnerID=40&md5=7511327cc88f1d8bdd64c616fd2aebc7
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N., Kovalenko, V.V.	Influence of impurities on the absorption spectrum of thin Cs4Pb6 films (2014) Functional Materials, 21 (3), pp. 313-317.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907579185&partnerID=40&md5=fb5e4a86e29dbad9c45d220ac2f929c28
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N.	Exciton absorption spectrum of thin (KI)1-x(PbI2)x films (2013) Functional Materials, 20 (1), pp. 59-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876343910&partnerID=40&md5=ff845be236965a387df3b811f451cc6
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N., Ksenofontova, E.V.	The absorption spectra of thin films of ternary compounds in the RbI-PbI2 system (2012) Low Temperature Physics, 38 (10), pp. 943-947.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868653174&doi=10.1063%2f1.4758777&partnerID=40&md5=6b94bb7bc9fb5ad7f63e97617f8e36d
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N., Ksenofontova, E.V.	Absorption spectra of thin films of triple compounds in the system RbI-PbI 2 (2012) Fizika Nizkikh Temperatur, 38 (10), pp. 1191-1196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866429459&partnerID=40&md5=10355e92773e6f21a716f256c740f32a
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N.	Exciton absorption spectrum of thin CsPbI 3 and Cs 4PbI 6 films (2012) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 112 (1), pp. 91-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858755849&doi=10.1134%2fS0030400X12010249&partnerID=40&md5=5c0d26d0bc66ac5aba7fc99a19f5c365
	Miloslavskii, V.K., Yunakova, O.N. , Kovalenko, E.N.	Exciton absorption spectra of Cs2CdI4 and Rb 2CdI4 ferroelastic solid solutions (2010) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 109 (6), pp. 899-904.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951738142&doi=10.1134%2fS0030400X10120131&partnerID=40&md5=6e5767c7c1f2783481a8130be3f68eb7

	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Dispersion of refractive index in thin films CdI ₂ and ZnI ₂ (2010) Functional Materials, 17 (3), pp. 288-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888215867&partnerID=40&md5=efef493a5556dba28cdf4e047f3ddd1c
	Miloslavskii, V.K., Yunakova, O.N. , Kovalenko, E.N.	Absorption spectra of thin films of the solid solutions Rb ₂ (Cd _{1-x} Zn _x)I ₄ (2010) Low Temperature Physics, 36 (4), art. no. 010004LTP, pp. 329-332.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954006441&doi=10.1063%2f1.3410479&partnerID=40&md5=4d427285048d1894ec463783de7eb511
	Miloslavsky, V.K., Yunakova, O.N. , Kovalenko, E.N.	Absorption spectra of thin layers of solid solutions Cs ₂ (Cd _{1-x} Zn _x)I ₄ (2010) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 108 (4), pp. 613-617.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953310780&doi=10.1134%2fS0030400X10040168&partnerID=40&md5=844f7e72d60e2d67c1b6b523e934fb9
	Miloslavsky, V.K., Yunakova, O.N. , Kovalenko, E.N.	Absorption spectra of thin films of Rb ₂ (Cd _{1-x} Zn _x)I ₄ solid solutions (2009) Fizika Nizkikh Temperatur (Kharkov), 36 (4), pp. 418-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949393770&partnerID=40&md5=1a0f72c080f6d115772d4dbd854deb8
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Electronic absorption spectrum of thin K ₂ ZnI ₄ films (2008) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 105 (6), pp. 903-907.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849094607&doi=10.1134%2fS0030400X0812014X&partnerID=40&md5=43427ddfeb338285f4aa6e204e78001
	Miloslavsky, V.K., Yunakova, O.N. , Kovalenko, E.N.	Excitonic absorption spectrum of Rb ₂ ZnI ₄ thin films (2008) Low Temperature Physics, 34 (6), pp. 476-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46649116268&doi=10.1063%2f1.2920181&partnerID=40&md5=5a0ae07b9817ba3f5e6d57d023b6091
	Miloslavsky, V.K., Yunakova, O.N. , Kovalenko, E.N.	Excitonic absorption spectrum of Rb ₂ ZnI ₄ thin films (2008) Fizika Nizkikh Temperatur (Kharkov), 34 (6), pp. 599-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649191095&partnerID=40&md5=759bae67fb5a568be62238ed71e1c
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Electronic absorption spectrum of Cs ₂ ZnI ₄ thin films (2008) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 104 (4), pp. 552-557.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43449129756&doi=10.1134%2fS0030400X08040115&partnerID=40&md5=cc49e008f96cba7bc4d425be09c03d20
	Miloslavsky, V.K., Yunakova, O.N. , Kovalenko, E.N.	Optical absorption spectra in thin films of M ₂ Ag _{1-x} Cu _{1-x} I ₃ (M=K,Rb,Cs) solid solutions (2007) Low Temperature Physics, 33 (10), pp. 864-868.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35548982686&doi=10.1063%2f1.2746864&partnerID=40&md5=1686d3de37ff3da8bf09980984b85d3
	Miloslavsky, V.K., Yunakova, O.N. , Kovalenko, E.N.	The spectra optical absorption in thin films of M ₂ Ag _{1-x} Cu _{1-x} I ₃ (M = K, Rb, Cs) solid solutions (2007) Fizika Nizkikh Temperatur (Kharkov), 33 (10), pp. 1136-1142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36048984667&partnerID=40&md5=44af53f7c9203eb5e35efb25038f2a96
	Miloslavsky, V.K., Yunakova, O.N. , Kovalenko, E.N.	Features of the absorption spectra of thin films of M ₂ Ag _{1-x} Cu _{1-x} I ₃ solid solutions (M = Rb, Cs) (2007) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 102 (3), pp. 413-418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247123125&doi=10.1134%2fS0030400X07030150&partnerID=40&md5=a019cbaf62bda4b9d98b32bd60506e8
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Electronic absorption spectrum of solid solutions of the system RbI-AgI-CsI (2006) Low Temperature Physics, 32 (10), art. no. 013610LTP, pp. 961-966.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751289381&doi=10.1063%2f1.2370742&partnerID=40&md5=65242f768ed1eb6d7ea34d6a9a654dab
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Electronic absorption spectrum of solid RbI-AgI-CsI solutions (2006) Fizika Nizkikh Temperatur (Kharkov), 32 (10), pp. 1267-1274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749672737&partnerID=40&md5=9c233cd4bb62bffc62237fbc5ad1d64
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Effect of copper impurities on the absorption spectrum of thin films of superionic conductors MAg ₄ I ₅ (M = K, Rb) (2006) Physics of the Solid State, 48 (5), pp. 841-845.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646739105&doi=10.1134%2fS1063783406050052&partnerID=40&md5=00ded87e9cde941c8333ef57259219f
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N.	Effect of phase transitions on the exciton absorption spectrum of Rb xK _{1-x} Ag ₄ I ₅ Superionic Conductors (2005) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 99 (6), pp. 950-956.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33744803191&doi=10.1134%2f1.2149419&partnerID=40&md5=1b2f01e3910f4a95371cb231d552e372
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Influence of phase transitions on the excitonic absorption spectrum of K ₂ CdI ₄ (2005) Low Temperature Physics, 31 (2), pp. 168-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544441144&doi=10.1063%2f1.1820569&partnerID=40&md5=26bb18f16223b927e094e01b152559d5
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Influence of phase transitions on excitonic absorption spectrum K ₂ CdI ₄ (2005) Fizika Nizkikh Temperatur (Kharkov), 31 (2), pp. 222-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13144251188&partnerID=40&md5=37963928c3064aad61cac8877dca0c1a
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N.	Absorption spectrum of thin K ⁺ 2CdI ⁴ films (2005) Physics of the Solid State, 47 (3), pp. 474-476.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17544367626&doi=10.1134%2f1.1884707&partnerID=40&md5=9f187f5174db5fbc41f9182031cd658c
	Miloslavskii, V.K., Yunakova, O.N. , Kovalenko, E.N.	The influence of phase transitions in the Rb ₂ CdI ₄ ferroelastic on the exciton absorption spectrum (2004) Physics of the Solid State, 46 (12), pp. 2281-2285.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2044481272&doi=10.1134%2f1.1841394&partnerID=40&md5=7663afca77128baf35f220465afe757b
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Excitonic absorption spectra and phase transitions in thin films of the ferroelastics Cs ₂ CdI ₄ and Rb ₂ CdI ₄ (2003) Low Temperature Physics, 29 (8), pp. 691-696.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21144436624&doi=10.1063%2f1.1596802&partnerID=40&md5=094af932dbdc2203735a39365cda1b9
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N.	UV absorption spectra of thin films of Cs ₂ CdI ₄ and Rb ₂ CdI ₄ ferroelectrics (2003) Physics of the Solid State, 45 (5), pp. 932-937.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038518414&doi=10.1134%2f1.1575338&partnerID=40&md5=0e455813961a5a379d7b9f3d2e09a683
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Exciton absorption spectra and phase transitions in thin films of the ferroelastics Cs ₂ CdI ₄ and Rb ₂ CdI ₄ (2003) Fizika Nizkikh Temperatur (Kharkov), 29 (8), pp. 922-929.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041780734&partnerID=40&md5=15e61febf8586ca7380e96e886faf982
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Excitons in the layered insulators ZnI ₂ and CdI ₂ :Zn (2002) Low Temperature Physics, 28 (4), pp. 284-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036251624&doi=10.1063%2f1.1477364&partnerID=40&md5=ccf6b8ed4fd3838680e96fce3a8cabd2
	Yunakova, O.N. , Miloslavsky, V.K., Kovalenko, E.N.	Excitons in layered dielectrics ZnI ₂ and CdI ₂ :Zn (2002) Fizika Nizkikh Temperatur (Kharkov), 28 (4), pp. 406-413.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036542055&partnerID=40&md5=ffbc6ba214e6d3f6df917af2b1ab9bb7
	Yunakova, O.-N., Miloslavskii, V.K., Kovalenko, E.N.	The excitonic absorption spectrum of thin Ag ₂ ZnI ₄ films (2002) Physics of the Solid State, 44 (1), pp. 48-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036003832&doi=10.1134%2f1.1434481&partnerID=40&md5=11eb63741847997cbaeb1b882c222204
	Yunakova, O.N. , Miloslavskii, V.K., Kovalenko, E.N.	The absorption spectrum and excitons in an ag ₂ cdi ₄ ionic conductor (2001) Physics of the Solid State, 43 (9), pp. 1072-1076.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035374052&partnerID=40&md5=3fe7d819131f2763d58336356667d3d2
	Miloslavskii, V.K., Kovalenko, E.N., Yunakova, O.N.	Absorption spectra and excitons in the CsCu ₂ Cl ₃ -xI _x (x=0,1,2,3) compounds (1998) Optika i Spektroskopiya, 84 (6), pp. 940-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749991193&partnerID=40&md5=3373aef6d03dd500429618ac62593a9
	Miloslavskii, V.K., Kovalenko, E.N., Yunakova, O.N.	Absorption spectra and excitons in the CsCu ₂ Cl ₃ -xI _x (x = 0, 1, 2, 3) compounds (1998) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 84 (6), pp. 851-855.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11644273286&partnerID=40&md5=4be05f67b253bc63364f3e33bd5619fe
	Miloslavskii, V.K., Kovalenko, E.N., Yunakova, O.N.	Absorption spectrum and excitons in thin films of the solid electrolyte RbCu ₄ Cl ₃ I ₂ (1998) Physics of the Solid State, 40 (6), pp. 934-937.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032379894&partnerID=40&md5=9180fbf71c46a72efcc195b247b37ee8
	Miloslavskii, V.K., Tsya-Lin, S., Yunakova, O.N.	Optical spectra and excitons in ternary Cs ₂ AgI ₃ and CsAg ₂ I ₃ compounds (1996) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 80 (4), pp. 643-647.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-9144240824&partnerID=40&md5=f9c1715580943eebdf55b8093bc3f30
	Miloslavskii, V.K., Tsya-Lin, S., Yunakova, O.N.	Optical spectra and excitons in ternary Cs ₂ AgI ₃ and CsAg ₂ I ₃ compounds (1996) Optika i Spektroskopiya, 80 (4), pp. 648-651.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749094770&partnerID=40&md5=797f370e5f37134d00607bc0e6e6bac

	Miloslavskii, V.K., Yunakova, O.N. , Kovalenko, E.N., Tsyra-Lin, S.	Low-frequency optical spectrum of the ternary compounds CsCu2I3 and CsAg2I3 (1996) Physics of the Solid State, 38 (10), pp. 1643-1646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347877173&partnerID=40&md5=be2b73a026afdd85c7a8bc23a4177769
	Miloslavsky, Vladimir K., Yunakova, O.N. , Sun, Jia-Lin	Excitonic spectra of ternary compounds on the basis of AgI (1995) Proceedings of SPIE - The International Society for Optical Engineering, 2648, pp. 156-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029457198&partnerID=40&md5=1466100a8bf9c647dab19e149e2cd557
64	Berezhnoy, Y.A. , Mikhailyuk, V.P.	Elastic electron scattering from 4N nuclei in the α -cluster model with dispersion (2017) European Physical Journal A, 53 (6), art. no. 125, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020522229&doi=10.1140%2Fepja%2f2017-12315-5&partnerID=40&md5=c19ae087c1f1888a743f8fe06f1f9492
	Berezhnoy, Yu.A. , Onyshchenko, G.M., Pilipenko, V.V.	Analysis of α - 1 2 C elastic scattering at intermediate energies by the S -matrix model (2017) International Journal of Modern Physics E, 26 (5), art. no. 1750027, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019244704&doi=10.1142%2FIS0218301317500276&partnerID=40&md5=9bcee0e5975adda167928453241bd14d
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	Polarization of protons in the optical model (2017) Chinese Physics C, 41 (2), art. no. 024102, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014623409&doi=10.1088%2f1674-1137%2f41%2f2%2f024102&partnerID=40&md5=005bdc7107b2791b1c328835b4a620d1
	Berezhnoy, Y.A. , Mikhailyuk, V.P., Pilipenko, V.V.	Intermediate energy multiple scattering of particles by light α -cluster nuclei (2015) International Journal of Modern Physics E, 24 (4), art. no. 1530004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928577342&doi=10.1142%2FIS0218301315300040&partnerID=40&md5=2ec95eedfd4dd08b6d659731cd9e727
	Berezhnoy, Y.A. , Fedorchenko, D.V., Pilipenko, V.V., Mikhailyuk, V.P.	Intermediate-energy deuteron scattering from α -cluster nuclei (2014) Physical Review C - Nuclear Physics, 90 (1), art. no. 014611, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905175876&doi=10.1103%2FPhysRevC.90.014611&partnerID=40&md5=6b24478369b19212a70ff02ab037fa8
	Berezhnoy, Y.A. , Mikhailyuk, V.P., Pilipenko, V.V., Fedorchenko, D.V.	Elastic deuteron scattering on 12C and 16O nuclei in the alpha-cluster model (2013) Physics of Atomic Nuclei, 76 (7), pp. 862-870.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880481275&doi=10.1134%2FIS106377881104003X&partnerID=40&md5=2ba5ca3a4ca3d1e0e814341eb50db583
	Berezhnoy, Y.A. , Mikhailyuk, V.P., Pilipenko, V.V.	Interaction of intermediate-energy protons with 20Ne and 24Mg nuclei within the multiple-scattering model (2011) Physics of Atomic Nuclei, 74 (4), pp. 580-595.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955615293&doi=10.1134%2FIS106377881104003X&partnerID=40&md5=355a6846915805b7159b3487c784b3c3
	Berezhnoy, Y.A. , Korda, V.Y., Gakh, A.G.	Matter-density distribution in deuteron and diffraction deuteron-nucleus interaction (2011) Perspectives in Theoretical Physics, pp. 1-14.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892891131&partnerID=40&md5=0b0e8d56c5597ed37058b925c27f041
	Berezhnoy, Y.A. , Mikhailyuk, V.P., Pilipenko, V.V.	The intermediate energy elastic scattering of protons by α -cluster 20ne and 24mg nuclei (2010) International Journal of Modern Physics E, 19 (2), pp. 243-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951536784&doi=10.1142%2FIS0218301310014698&partnerID=40&md5=4e2a26956b550ef6675adce6b506f08
	Berezhnoy, Y.A. , Korda, V.Y., Gakh, A.G.	Charge form factors and densities of 2D, 3H, 3He, and 4He nuclei (2009) Ukrainian Journal of Physics, 54 (6), pp. 551-558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-69749127042&partnerID=40&md5=678831408b94c76bbcd3be30efa0067a
	Berezhnoy, Yu.A. , Korda, V.Yu., Gakh, A.G.	Matter-density distribution in three-nucleon nuclei and their diffractive interaction with heavy nuclei (2009) International Journal of Modern Physics E, 18 (3), pp. 665-674.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67549150620&doi=10.1142%2FIS0218301309012719&partnerID=40&md5=53a0c4cb88a5a1db1f4779ee867cb0f
	Berezhnoy, Yu.A., Mikhailyuk, V.P., Pilipenko, V.V.	Intermediate energy elastic scattering of protons on 24Mg in the α -cluster model with dispersion (2009) European Physical Journal A, 39 (1), pp. 125-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-60649109599&doi=10.1140%2Fepja%2f2008-10691-5&partnerID=40&md5=f777aba57a43ec298ba82ed6bc7f9edd
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	α Clustering in the scattering of particles and light atomic nuclei on nuclei (2008) Physics of Particles and Nuclei, 39 (2), pp. 221-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42149102570&doi=10.1007%2f11496-008-2003-4&partnerID=40&md5=e26cfe50bf1c089cb1e8b1f9b91ae44
	Berezhnoy, Yu.A. , Korda, V.Yu., Gakh, A.G.	Deuteron structure and diffractive deuteron-nucleus interaction (2006) Physics of Atomic Nuclei, 69 (6), pp. 947-955.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745577903&doi=10.1134%2FIS106377880600056&partnerID=40&md5=aec66464a7ab22dad2ceb5c0c8b5ccee
	Berezhnoy, Yu.A. , Korda, V.Yu., Gakh, A.G.	Matter-density distribution in deuteron and diffraction deuteron-nucleus interaction (2005) International Journal of Modern Physics E, 14 (7), pp. 1073-1085.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27944459247&doi=10.1142%2FIS0218301305003697&partnerID=40&md5=48cfc3fe3a558a98ef029cd8eb8292f5
	Berezhnoy, Yu.A. , Mikhailyuk, V.P., Pilipenko, V.V.	Elastic and inelastic scattering of 800-MeV protons on 16O and 20Ne nuclei (2005) Physics of Atomic Nuclei, 68 (6), pp. 940-947.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844435454&doi=10.1134%2f1.1954820&partnerID=40&md5=1c87eff97ae9530c31cb90f069901797
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	1 GeV proton elastic scattering on 9Be nuclei in the α -cluster model with dispersion (2004) European Physical Journal A, 22 (3), pp. 443-447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11944253553&doi=10.1140%2Fepja%2f2003-10241-9&partnerID=40&md5=8f02b54221fa1fddfd3d99171d3a8afe2
	Berezhnoy, Y.A. , Mikhailyuk, V.P.	Polarization observables in the elastic scattering of protons on 9Be nuclei (2004) Journal of Physical Studies, 8 (1), pp. 55-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23344449629&partnerID=40&md5=65a8f63490ff16dbe3c4bd76c66ae76d
	Berezhnoy, Yu.A. , Molev, A.S.	Interference between diffractive, refractive, and Coulomb effects in the cross sections for the elastic scattering of light nuclei by nuclei at intermediate energies (2004) Physics of Atomic Nuclei, 67 (8), pp. 1454-1461.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644342320&doi=10.1134%2f1.1788036&partnerID=40&md5=d473aeb2ce7bc78c05e058cbb1a12059
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	Elastic scattering of intermediate-energy protons on 9Be nuclei within the 2om model (2004) Physics of Atomic Nuclei, 67 (8), pp. 1448-1453.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644262670&doi=10.1134%2f1.1788035&partnerID=40&md5=8cc67fa3da6a5d5cd5e5561836dd3412
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	500 MeV proton elastic scattering on 13C nuclei (2004) International Journal of Modern Physics E, 13 (3), pp. 611-618.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13844310490&doi=10.1142%2FIS021830130400234X&partnerID=40&md5=6165f1d962c729c014a582498114b00d
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	Polarization phenomena in elastic proton scattering on odd nuclei (2004) Physics of Atomic Nuclei, 67 (3), pp. 606-613.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442584757&doi=10.1134%2f1.1690071&partnerID=40&md5=7abfe983d3349205caeb5c9cd0ffc88
	Berezhnoy, Yu.A. , Molev, A.S.	Interference of diffractive, refractive and coulomb effects in light nucleus-nucleus elastic scattering cross-sections at intermediate energies (2003) International Journal of Modern Physics E, 12 (6), pp. 827-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542502564&doi=10.1142%2FIS0218301303001557&partnerID=40&md5=f12855645d5355d464e11e956ab0f171
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	Elastic scattering of light alpha-cluster nuclei by 12C nuclei (2003) Physics of Atomic Nuclei, 66 (4), pp. 673-678.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038106161&doi=10.1134%2f1.1569238&partnerID=40&md5=3946bbe9480048c1e370998f513ecf4
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	Elastic 12C-12C scattering at intermediate energies (2002) International Journal of Modern Physics E, 11 (4), pp. 281-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036669603&doi=10.1142%2FIS0218301302000880&partnerID=40&md5=c61165f855e3b1116606e0523af4974
	Berezhnoy, Y.A. , Mikhailuk, V.P.	Elastic scattering of protons on 20Ne and α -cluster model, with dispersion (2001) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 65 (5), pp. 721-723.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-31244438473&partnerID=40&md5=06e367cac5ae58b240d40533a7eabf6f
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	Elastic Scattering of 800-MeV Protons by 20Ne Nuclei (2000) Physics of Atomic Nuclei, 63 (5), pp. 715-717.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034419089&doi=10.1134%2f1.855696&partnerID=40&md5=b243801631b5d1fa3aa1161ce77b1cd0
	Berezhnoy, Yu.A. , Korda, V.Yu.	Effect of the internal structure of the 6Li nucleus on its diffractive interaction with nuclei (1999) Physics of Atomic Nuclei, 62 (11), pp. 1866-1872.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033234915&partnerID=40&md5=8fae3ce859a8165310e86845066f6a8a
	Berezhnoy, Yu.A. , Mikhailyuk, V.P.	Elastic scattering of intermediate energy particles on 20Ne nuclei (1999) International Journal of Modern Physics E, 8 (5), pp. 485-492.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033267128&partnerID=40&md5=3f98df81de913e5f90e12ba71561377b

	Berezhnoy, Yu.A. , Korda, V.Yu.	Integrated cross sections of diffractive interaction of ^3H - and ^3He -nuclei with heavy nuclei (1998) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 62 (3), pp. 654-664.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751131829&partnerID=40&md5=aecdc4a159a85bf9eaa6903e3366683
	Berezhnoy, Yu.A. , Slipko, V.A.	Polarization phenomena in inclusive nucleon transfer reactions (1998) International Journal of Modern Physics E, 7 (6), pp. 723-746.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032260358&partnerID=40&md5=7fe2429d4f36a9e313f9e73080129bb9
	Berezhnoy, Yu.A. , Darradi, R., Korda, V.Yu.	Wavefunctions and integrated cross sections of diffraction interaction of three-nucleon nuclei with heavy nuclei (1998) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 62 (5), pp. 1011-1014.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750887581&partnerID=40&md5=9a5b3f9faf2eb4c7b27259327dd5343b
	Berezhnoy, Yu.A. , Korda, V.Yu.	Integrated cross-sections of ^3H - and ^3He -nuclei-nuclei interaction processes (1997) International Journal of Modern Physics E, 6 (1), pp. 161-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031502644&partnerID=40&md5=662b0bf31654ca719de3d5df3a5409d4
	Berezhnoy, Yu.A., Slipko, V.A.	Polarization characteristics of nucleons released in the inclusive deuteron stripping reaction (1997) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 61 (11), pp. 2146-2151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750662603&partnerID=40&md5=a66de85782089b51fe94d6ee56d70af
	Akhiezer, A.I., Berezhnoy, Yu.A. , Pilipenko, V.V.	Nuclear diffraction (1997) Physics Reviews, 18 (3), pp. 1-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348069878&partnerID=40&md5=3c1ecf100653479d60c392bae08d251d
	Berezhnoy, Yu.A. , Korda, V.Yu.	Elastic scattering of ^3He nuclei by heavy nuclei at intermediate energies (1997) Physics of Atomic Nuclei, 60 (11), pp. 1811-1815.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031313917&partnerID=40&md5=386dae235f178fab2073be2155b6ee25
	Berezhnoy, Yu.A. , Pilipenko, V.V.	S-matrix approach for description of refraction and absorption effects in ^9Be elastic scattering (1996) Acta Physica Hungarica New Series Heavy Ion Physics, 3 (3-4), pp. 249-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009373853&partnerID=40&md5=925439cb21d2d976791068fb9eb638f2
	Akhiezer, A.I., Soznik, A.P., Berezhnoy, Yu.A.	Inclusive tritium stripping reaction theory (1996) International Journal of Modern Physics E, 5 (1), pp. 107-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348114282&partnerID=40&md5=b678257281041cc85bb3c4f8152577e3
	Berezhnoy, Yu.A. , Mikhailyuk, V.P., Pilipenko, V.V.	The antiproton-nucleus elastic scattering and the alpha-cluster model with dispersion (1993) Zeitschrift für Physik A Hadrons and Nuclei, 344 (4), pp. 411-416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144265693&doi=10.1007%2FbF01283196&partnerID=40&md5=41a98efd46de640a9af30dc96c1fa918
	Berezhnoy, Yu.A. , Kudryavtsev, I.N., Soznik, A.P.	Absorption and refraction phenomena in proton- and antiproton-nucleus scattering (1993) Zeitschrift für Physik A Hadrons and Nuclei, 344 (4), pp. 431-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250079603&doi=10.1007%2FbF01283199&partnerID=40&md5=be9f59b385354c36cad07bbfbd3ac816
	Berezhnoy, Yu.A. , Korda, V.Yu.	Deuteron-stripping reaction at intermediate energies (1993) Nuclear Physics, Section A, 556 (3), pp. 453-466.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011585474&doi=10.1016%2F0375-9474%2893%2990372-5&partnerID=40&md5=41a5611ae2cc0377bbd56d7b44966f4c
	Berezhnoy, Yu.A. , Mikhailyuk, V.P., Pilipenko, V.V.	Elastic and inelastic intermediate-energy proton multiple scattering on ^{12}C and ^{16}O nuclei (1992) Journal of Physics G: Nuclear and Particle Physics, 18 (1), art. no. 008, pp. 85-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144346138&doi=10.1088%2F0954-3899%2F18%2F1%2F008&partnerID=40&md5=1221f7be13fe79f51c9a3512a1c5bb5b
	Berezhnoy, Y.A. , Pilipenko, V.V.	Rainbow scattering in quasi-elastic nuclear reactions (1985) Journal of Physics G: Nuclear Physics, 11 (10), art. no. 012, pp. 1161-1174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144314708&doi=10.1088%2F0305-4616%2F11%2F10%2F012&partnerID=40&md5=4ec04fd16b11b506c885e8a15b012392
	Berezhnoy, Yu.A. , Pilipenko, V.V., Khomenko, G.A.	Polarisation in proton-carbon elastic scattering and the α -particle model with dispersion (1984) Journal of Physics G: Nuclear Physics, 10 (1), art. no. 011, pp. 63-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144265692&doi=10.1088%2F0305-4616%2F10%2F1%2F011&partnerID=40&md5=3f5eea4042b2dcc49f5a1772ef5076d
	Berezhnoy, Yu.A. , Soznik, A.P.	Intermediate energy deuteron-nucleus diffraction interaction (1978) Nuclear Physics, Section A, 308 (3), pp. 330-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040012389&doi=10.1016%2F0375-9474%2878%2990555-9&partnerID=40&md5=7d5700908c74ecdab00c6231e180467c
	Inopin, E.V., Berezhnoy, Yu.A.	Effect of nuclear surface diffuseness on diffraction scattering (1965) Nuclear Physics, 63 (4), pp. 689-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144307829&partnerID=40&md5=0427a2fbb0e8be3b156020668b40ff461
65	Mizrahy, S., Nesterov, P., Bezborodov, V., Khaidikov, V. , Prosvirnin, S.	Sub-THz all-dielectric metasurface with a single bar per the cell (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544037, pp. 222-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984986707&doi=10.1109%2FMMET.2016.7544037&partnerID=40&md5=eff5682d16059eda940998e62ab1769d
	Khaidikov, V.V. , Mizrahy, S.V., Tuz, V.R., Prosvirnin, S.L.	Resonant all-dielectric planar metamaterials (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538214, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988019203&doi=10.1109%2FMSMW.2016.7538214&partnerID=40&md5=9e951b0c11385091c0acea552d9dcd02
	Khaidikov, V. , Mladyonov, P., Prosvirnin, S., Tuz, V.	Electromagnetic wave diffraction by periodic planar metamaterials with nonlinear constituents (2016) Springer Series in Optical Sciences, 199, pp. 81-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941670169&doi=10.1007%2F978-94-017-7315-7_5&partnerID=40&md5=d97a14f65baa500e22831a156dc9450e
	Khaidikov, V. , Mladyonov, P., Prosvirnin, S., Tuz, V.	Electromagnetic wave diffraction by periodic planar metamaterials with nonlinear constituents (2015) Contemporary Optoelectronics: Materials, Metamaterials and Device Applications, pp. 81-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956699591&doi=10.1007%2F978-94-017-7315-7_5&partnerID=40&md5=d5aad83f65c53d4582b2f06a84d78ba
	Staupe, I., Khaidikov, V.V. , Fofang, N.T., Liu, S., Decker, M., Neshev, D.N., Luk, T.S., Brenner, I., Kivshar, Y.S.	Shaping photoluminescence spectra with magnetoelectric resonances in all-dielectric nanoparticles (2015) ACS Photonics, 2 (2), pp. 172-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923294149&doi=10.1021%2Fph500379p&partnerID=40&md5=e33ba244c310b3ee7727352227d3929
	Prosvirnin, S.L., Dmitriev, V.A., Kuleshov, Y.M., Khaidikov, V.V.	Planar all-silicon metamaterial for terahertz applications (2015) Applied Optics, 54 (13), pp. 3986-3990.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942368868&doi=10.1364%2Fao.54.003986&partnerID=40&md5=3217ef1252c495f714d44cc3a2ae2bea
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N., Khaidikov, V.V.	The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (14), pp. 1229-1239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906053308&doi=10.1615%2FTelecomRedEng.v73.i14.20&partnerID=40&md5=e433302827c07e9fd542759dfb4cbe7a
	Neshev, D.N., Staupe, I., Fofang, N.T., Liu, S., Dominguez, J., Decker, M., Miroshnichenko, A.E., Khaidikov, V.V. , Luk, T.S., Brenner, I., Kivshar, Y.S.	Shaping emission spectra of quantum dots by all-dielectric metasurfaces (2014) Optics InfoBase Conference Papers, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905484406&partnerID=40&md5=c11eb651aa59af8e11847be76e26344d
	Neshev, D.N., Staupe, I., Fofang, N.T., Liu, S., Dominguez, J., Decker, M., Miroshnichenko, A.E., Khaidikov, V.V. , Luk, T.S., Brenner, I., Kivshar, Y.S.	Shaping emission spectra of quantum dots by all-dielectric metasurfaces (2014) Conference on Lasers and Electro-Optics Europe - Technical Digest, 2014-January, art. no. 6988794, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944707916&partnerID=40&md5=85de97d695ce2ae6d0992b0926d6d6e3
	Khaidikov, V.V. , Mladyonov, P.L., Prosvirnin, S.L., Tuz, V.R.	Electromagnetic wave diffraction by periodic structures with nonlinear inclusions (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 6657571, pp. 179-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893776650&doi=10.1109%2FICAO.2013.6657571&partnerID=40&md5=c08fa4e8fcc73261444f2aa911d5dadbb
	Khaidikov, V. , Mladyonov, P., Prosvirnin, S., Tuz, V.	Nonlinear planar metamaterials sustained a trapped-mode resonant regime (2013) European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, art. no. 06686711, pp. 537-540.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893496378&partnerID=40&md5=fb9b234de977dd9fe6735b2c56d6460
	Antyufeyeva, M., Butrym, A., Khaidikov, V.	Report on 2012 6th international conference on ultra-wideband and ultra-short impulse signals (2013) IEEE Antennas and Propagation Magazine, 55 (2), art. no. 6529367, pp. 269-274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897711956&doi=10.1109%2FMAP.2013.6529367&partnerID=40&md5=8a1bc4379ecad42038a77ae1117fd19a

	Gurin, O.V., Degtyarev, A.V., Khardikov, V.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331253, pp. 312-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870788318&doi=10.1109%2FMMET.2012.6331253&partnerID=40&md5=ec788de10ed4a829ba9d72e72b2ba0dce
	Khardikov, V.V., Iarko, E.O., Prosvirnin, S.L.	A giant red shift and enhancement of the light confinement in a planar array of dielectric bars (2012) Journal of Optics, 14 (3), art. no. 035103, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857520510&doi=10.1088%2F2040-8978%2F14%2F3%2F035103&partnerID=40&md5=9008df617a4196ee411f10ad5634894
	Khardikov, V., Iarko, E., Prosvirnin, S.	Trapped mode resonances in optical planar periodical structures with metal and dielectric elements (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611419, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649261486&doi=10.1109%2FMMET.2010.5611419&partnerID=40&md5=141143cd11260c76a6b175a62b7fde6
	Prosvirnin, S.L., Gribovsky, A.V., Khardikov, V.V., Mladonov, P.L., Iarko, E.O.	Trapped mode resonances of metal-dielectric arrays (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5545983, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957352493&doi=10.1109%2FMSMW.2010.5545983&partnerID=40&md5=68010d11c4615dc3f741c7f2d5b5ee5
	Khardikov, V.V., Iarko, E.O., Prosvirnin, S.L.	Trapping of light by metal arrays (2010) Journal of Optics A: Pure and Applied Optics, 12 (4), art. no. 045102, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950568096&doi=10.1088%2F2040-8978%2F12%2F4%2F045102&partnerID=40&md5=d5f60106ccdd80246d98be10636e78e2
	Khardikov, V.V., Iarko, E.O., Prosvirnin, S.L.	Light trapping by thin periodic planar structures (2009) DIPED-2009 Proceedings - 2009 International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, art. no. 5306969, pp. 119-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70549095956&doi=10.1109%2FDIPED.2009.5306969&partnerID=40&md5=ce44490841f1785e8922658d2bc4a1a2
	Chen, Y., Schwanecke, A.S., Fedotov, V.A., Khardikov, V.V., Mladonov, P.L., Prosvirnin, S.L., Rogacheva, A.V., Zheludev, N.I., Huq, E.	Electron beam lithography for high density meta fish scale operational at optical frequency (2009) Microelectronic Engineering, 86 (4-6), pp. 1081-1084.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349280285&doi=10.1016%2Fmsee.2008.11.094&partnerID=40&md5=aac1c807bba6dabd07543c96ae42cde
	Khardikov, V., Iarko, E., Prosvirnin, S.	Trapped-mode resonances in optical planar metamaterials with metal elements (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4581048, pp. 515-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749106308&doi=10.1109%2FMMET.2008.4581048&partnerID=40&md5=ba2b28ebc68de03d4b01e09ccc74f590
	Schwanecke, A.S., Fedotov, V.A., Khardikov, V.V., Prosvirnin, S.L., Chen, Y., Zheludev, N.I.	Nanostructured metal film with asymmetric optical transmission (2008) Nano Letters, 8 (9), pp. 2940-2943.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61549140380&doi=10.1021%2Fnl801794d&partnerID=40&md5=5931ad1ccf53e7d25e0b22cca12a15d
	Khardikov, V.V., Yarko, E.O., Prosvirnin, S.L.	Using of PSTD-method and transmission matrixes for research of light diffraction by periodic nanostructures (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294815, pp. 788-790.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249158595&doi=10.1109%2FMSMW.2007.4294815&partnerID=40&md5=a0655cbf73197cea6344c1f48bfe0241
	Khardikov, V.V., Yarko, E.O., Prosvirnin, S.L.	Combining PSTD-method and transmission matrixes for research of planar optical metamaterials (2007) 2007 Workshop on Computational Electromagnetics in Time-Domain, CEM-TD, art. no. 4373517, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249151879&doi=10.1109%2FCEMTD.2007.4373517&partnerID=40&md5=b16263449a3d46fba6bde986e4f886a
	Khardikov, V.V., Yarko, E.O., Prosvirnin, S.L.	Fast algorithm for solving of the light diffraction problem on planar periodic structures (2007) Proceedings of 12th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2007, art. no. 4373578, pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249148110&doi=10.1109%2FDIPED.2007.4373578&partnerID=40&md5=ede6b7329bf31488711e44ce7ed7853
	Fedotov, V.A., Schwanecke, A.S., Zheludev, N.I., Khardikov, V.V., Prosvirnin, S.L.	Asymmetric transmission of light and enantiomerically sensitive plasmon resonance in planar chiral nanostructures (2007) Nano Letters, 7 (7), pp. 1996-1999.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547562387&doi=10.1021%2Fnl0707961&partnerID=40&md5=cbad4cb7942d812bf5d00a7e044882695
	Fedotov, V.A., Plum, E., Schwanecke, A.S., Chen, Y., Khardikov, V.V., Prosvirnin, S.L., Zheludev, N.I.	Photonic chiral metamaterials (2007) Optics InfoBase Conference Papers, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8489835548&partnerID=40&md5=c63e8bc940ec90e297684e3dd09d1c1
	Schwanecke, A.S., Fedotov, V.A., Khardikov, V.V., Prosvirnin, S.L., Chen, Y., Zheludev, N.I.	Optical magnetic mirrors (2007) Journal of Optics A: Pure and Applied Optics, 9 (1), art. no. L01, pp. L1-L2.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847748667&doi=10.1088%2F1464-4258%2F9%2F1%2F01&partnerID=40&md5=d6d604c6fcec89bb77b3d7706a6497af
	Schwanecke, A.S., Chen, Y., Fedotov, V.A., Khardikov, V.V., Mladonov, P.L., Prosvirnin, S.L., Rogacheva, A.V., Zheludev, N.I.	Optical magnetic mirror (2006) Conference on Lasers and Electro-Optics and 2006 Quantum Electronics and Laser Science Conference, CLEO/QELS 2006, art. no. 4629166, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-55649085024&doi=10.1109%2FCLEO.2006.4629166&partnerID=40&md5=e61d8310f85cd5970f16ab7965648fa
	Schwanecke, A.S., Chen, Y., Fedotov, V.A., Khardikov, V.V., Mladonov, P.L., Prosvirnin, S.L., Rogacheva, A.V., Zheludev, N.I.	Magnetic mirror on optical frequency (2006) Optics InfoBase Conference Papers, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899127187&partnerID=40&md5=e3a51c77b7de51cba65c4c0cbd63fd3d
	Schwanecke, A.S., Chen, Y., Fedotov, V.A., Khardikov, V.V., Mladonov, P.L., Prosvirnin, S.L., Rogacheva, A.V., Zheludev, N.I.	Optical magnetic mirror (2006) Optics InfoBase Conference Papers, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899130996&partnerID=40&md5=2ba8162d1b10b3fdd09c2df5c6943c97
	Kazanskiy, V.B., Khardikov, V.V.	Phase corrector from gratings with conductive tapes of different width (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496902, pp. 131-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745447187&doi=10.1109%2FICATT.2005.1496902&partnerID=40&md5=aa0e3c97804e1c7920503e4182b4498f
	Khardikov, V.V., Prosvirnin, S.L.	The algorithm for ISAR imaging of fast moving target using radar with binary phase-coded waveforms (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496974, pp. 339-342.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745463206&doi=10.1109%2FICATT.2005.1496974&partnerID=40&md5=8e4d63fb5c498609f967d63060cba547
	Kazanskiy, V.B., Khardikov, V.V.	Theory of cylindrical transmission-type TE01p-cavity resonator with metallodielectric filling (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 328-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958519193&doi=10.1615%2FtelecomRadEng.v61.i4.50&partnerID=40&md5=6aa9a3ad7f3e5cfc251010737eb2ab7d
	Khardikov, V.V., Tuz, V.R., Kazanskiy, V.B.	Influence of defects on electrodynamic properties of the finite series of identical metal-dielectric resonators (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 130-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344293645&partnerID=40&md5=666a34c65043a902231c58a38f2e8e90
	Kazanskiy, V.B., Khardikov, V.V.	A multielement forming field system of identical metal-dielectric scatterers (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238862, pp. 772-774.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946145626&doi=10.1109%2FICATT.2003.1238862&partnerID=40&md5=7b4ebc5b5a6eaba8e360f373c1447cde
	Khardikov, V.V., Kazanskiy, V.B., Tuz, V.R.	The dynamic of Eigen oscillations of finite periodic sequence inserting the defect element (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238863, pp. 775-778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946139289&doi=10.1109%2FICATT.2003.1238863&partnerID=40&md5=812c53d592813e602e24fd9e8805fac2
	Khardikov, V.V.	Natural modes of a quasi-periodic cylindrical waveguide with reactive irises (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (6-7), pp. 78-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751295629&partnerID=40&md5=307448a125f0e2127cc725bee9af5ba8
	Khardikov, V.V., Kazanskiy, V.B.	Multisection frequency filter consisting of a series of cylindrical resonators loaded with ring gratings (2002) Microwave and Optical Technology Letters, 35 (2), pp. 87-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037145365&doi=10.1002%2Fmopt.10524&partnerID=40&md5=1691302717b043a8f3e93018216160d5

	Kazanskiy, V.B., Khardikov, V.V.	High-Q TE01p-resonator for dielectric permeability measuring (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137351, pp. 550-551.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496886720&doi=10.1109%2FCRMICO.2002.1137351&partnerID=40&md5=d3c86173ad19bdaefba0206b879f30d
	Khardikov, V.V. , Kazanskiy, V.B.	Influence of defects on electrodynamic properties of a semi-infinite periodic sequence of the metal-dielectric scatterers (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1106993, pp. 523-525.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946123871&doi=10.1109%2FMMET.2002.1106993&partnerID=40&md5=903fb3c014ff512119571c0e1e386a7
	Kazanskiy, V.B., Tuz, V.R., Khardikov, V.V.	Quasiperiodic metal-dielectric structure as a multifunctional control system (2002) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 45 (7), pp. 56-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036409783&partnerID=40&md5=4e2d35ef860f5742a1b093ed57ae3d32
	Kazanskiy, V.B., Khardikov, V.V.	Transmission matrix of the axial symmetric resonator with piece-homogeneous metal dielectric filling (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947292, pp. 732-734.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966604711&doi=10.1109%2FMSMW.2001.947292&partnerID=40&md5=3e3ff66a71fdb3d1a37c5279d7b574
	Kazanskiy, V.B., Khardikov, V.V. , Tuz, V.R.	The polarization and absorption character of the sequentially connection of the heterogeneities of the same type (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947271, pp. 672-674.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966679988&doi=10.1109%2FMSMW.2001.947271&partnerID=40&md5=4a99b2c3ec0cbf9b06227a8fe63e5b2c
	Podlozny, V.V., Kazanskiy, A.B., Khardikov, V.V.	Control devices based on a periodic sequence of the metal-dielectric scatterers (2000) 2000 IEEE-APS Conference on Antennas and Propagation for Wireless Communications, art. no. 900174, pp. 191-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952314761&doi=10.1109%2FAPWC.2000.900174&partnerID=40&md5=d1e537e838a62b12f505c8144cf5d3f
	Kazanskiy, V.B., Podlozny, V.V., Khardikov, V.V.	Waveguide section of sequentially included identical elements (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 396-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230846&partnerID=40&md5=bc080c2f2b0221c0a9c565ca98cbd1af
66	Storozhenko, I.P., Yaroshenko, A.N., Arkusha, Yu.V.	Numerical simulations of transferred-electron devices based on graded-gap semiconductor nitrides with boron nitride for terahertz range (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724185, pp. 190-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000789274&doi=10.1109%2FUWBUSIS.2016.7724185&partnerID=40&md5=be4b3954128b12d71ea38e3b3cc3987
	Storozhenko, I.P., Kaydash, M.V., Yaroshenko, A.N., Arkusha, Y.V.	InBN and GaBN graded gap Gunn diodes at different BN distribution (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538116, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984903&doi=10.1109%2FMSMW.2016.7538116&partnerID=40&md5=6d57e48411f7b091716200f75755fdb
	Storozhenko, I.P., Yaroshenko, A.N., Arkusha, Yu.V.	InBN and GaBN GRADED-GAP gunn diodes (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (16), pp. 1461-1470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914810763&doi=10.1615%2FTelecomRadEng.v73.i16.60&partnerID=40&md5=b355c74bc2431fa6938de2c858a12214
	Arkusha, Yu.V. , Storozhenko, I.P., Yaroshenko, A.N.	Graded-gap Gunn diodes on the base of InBn and GaBn (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652762, pp. 145-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891128474&partnerID=40&md5=705143d9e73dfab1f0b03003404680e9
	Storozhenko, I.P., Arkusha, Yu.V.	Frequency range of Gunn diodes on base of graded-gap semiconductor nitrides (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379733, pp. 64-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872239508&doi=10.1109%2FUWBUSIS.2012.6379733&partnerID=40&md5=098b2b6cc2a83407e60726d28601e640
	Yaroshenko, A.N., Storozhenko, I.P., Arkusha, Y.V.	Space-charge waves in InN-InBN-InN Gunn diodes (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6335931, pp. 167-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869837381&partnerID=40&md5=5244e05b83ec920c1d84cee7b717baaf
	Storozhenko, I.P., Arkusha, Y.V. , Yaroshenko, A.N., Kaydash, M.V.	Simulation of graded-gap ALInN Gunn diodes (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6335932, pp. 169-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869830028&partnerID=40&md5=3d504bc3c33be61855e3537ed7bcc924
	Storozhenko, I.P., Arkusha, Yu.V.	Prospects for using gunn diodes based On GaN, AlN And InN (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 71 (8), pp. 717-727.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861510489&doi=10.1615%2FTelecomRadEng.v71.i8.40&partnerID=40&md5=138054b1476cf64133be2477701a6781
	Storozhenko, I.P., Arkusha, Yu.V. , Piskun, A.A., Yaroshenko, A.N.	GaN-InN gann diodes characteristics in biharmonic mode (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068917, pp. 248-249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455132575&partnerID=40&md5=2049c18afc18cd5c88985b06994660
	Storozhenko, I.P., Arkusha, Yu.V. , Zhivotova, E.N.	Gann diodes on basis of variband semiconductors (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632555, pp. 202-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650410162&partnerID=40&md5=7f305c4772a21a2b8bd93b0ce4a45655
	Storozhenko, I.P., Arkusha, Yu.V.	The generation by Gunn diodes based on the GaN, InN, AlN TED's in biharmonic regime (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS2010, art. no. 5609131, pp. 226-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650161150&doi=10.1109%2FUWBUSIS.2010.5609131&partnerID=40&md5=06c73c3a23e3134ee9f123cc6a9e05c0
	Storozhenko, I.P., Prokhorov, E.D., Botsula, O.V., Arkusha, Yu.V.	Graded band gap diodes with static domain (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676323, pp. 141-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049156102&doi=10.1109%2FCRMICO.2008.4676323&partnerID=40&md5=6c61aed207bb86852d5bd98b698ad1a9
	Storozhenko, I.P., Arkusha, Yu.V. , Prokhorov, E.D.	Energy and frequency characteristics of GaAs gunn diodes with AlGa1-xAs and GaPxAs1-x cathodes (2008) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 67 (8), pp. 739-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44249112865&doi=10.1615%2FTelecomRadEng.v67.i8.70&partnerID=40&md5=8d4df5b547d6b59bd013e841f917959b
	Storozhenko, I.P., Arkusha, Yu.V. , Prokhorov, E.D., Botsula, O.V.	InP Gunn diodes with forward bias heterocathode (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368651, pp. 117-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149116351&doi=10.1109%2FCRMICO.2007.4368651&partnerID=40&md5=c8b3f2272fb968b9d19c4d96faa1461d
	Storozhenko, I.P., Arkusha, Y.V. , Botsula, O.V.	Variband transferred electron devices (2007) MSMW07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294749, pp. 602-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4724908740&doi=10.1109%2FMSMW.2007.4294749&partnerID=40&md5=2ab36900ffa25c919da90e070d1859af
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	Influence of the variband-layer thickness on the energy and frequency characteristics of Inx(z)Ga1 - X(z)As Gunn diodes (2006) Journal of Communications Technology and Electronics, 51 (3), pp. 352-358.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746883180&doi=10.1134%2FIS1064226906030156&partnerID=40&md5=69eb04e1df4b72b19e8537e413c3c3a1
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	Power and frequency characteristics of gunn-diodes on the basis of GaN (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo2005 - Conference Proceedings, 1, art. no. 1564853, pp. 166-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846300724&doi=10.1109%2FCRMICO.2005.1564853&partnerID=40&md5=88ac6537574c7d22a0beea7ddc047db2
	Storozhenko, I.P., Arkusha, Yu.V.	InGaAs-TED's with variband layer (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW04, 2, pp. 555-557.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544304112&partnerID=40&md5=c2f4a434bcb3bb2367706254779a057

	Dyadchenko, A.V., Mishnyov, A.A., Prokhorov, E.D., Arkusha, Yu.V. , Plakisy, V.T.	A powerful meter-wave pulse power source (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 285-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644390125&partnerID=40&md5=6cfda38cccd04b04125c3cd5e5e3ae68
	Storozhenko, I.P., Prokhorov, E.D., Arkusha, Yu.V.	Simulation of transferred electron devices with linearly graded composition of 3-5 threefold semiconductor in active zone (2004) International Journal of Infrared and Millimeter Waves, 25 (6), pp. 879-890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-304277709&doi=10.1023%2FB%3a111M.0000030787.58751.f&partnerID=40&md5=0c2342365a5839e790d00b2ed04b8ee2
	Arkusha, Y.V. , Prokhorov, E.D., Storozhenko, I.P.	Operation of Gunn diode containing two InP _{0.7} As _{0.3} -In _{0.4} Ga _{0.6} As active regions (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 59 (1-2), pp. 89-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7794999773&partnerID=40&md5=87af272f42ad408cb42205fd0d982f5c
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	In _{0.4} Ga _{0.6} As Gunn diodes with a m - N: InP 1-xAsx cathode (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (6-7), pp. 133-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751285562&partnerID=40&md5=279641e72f0001a4793c34ae7dbbe673
	Arkusha, Yu.V.	The energy characteristics of the Gunn diodes on the basis of InxGa1-xAs with blocking of the metal cathode contact (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947305, pp. 769-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966585324&doi=10.1109%2fMSMW.2001.947306&partnerID=40&md5=7b5b69273c27673c1c610b8634880d45
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	Power and frequency characteristics of Gunn diodes with two active regions InP _{0.7} As _{0.3} -In _{0.4} Ga _{0.6} As (2001) CrMiCo 2001 - 11th International Conference, art. no. 1173752, pp. 160-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956655181&partnerID=40&md5=d637a53e74286df5980a8b166e8a8b31
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	A mm-wave Gunn diode with an induced channel in active region (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947306, pp. 771-773.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966585324&doi=10.1109%2fMSMW.2001.947306&partnerID=40&md5=268b082b4e164bc90d1b3a0878b5d327
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	The effect of an antibarrier heterocathode on the energy and frequency characteristics of millimeter-wave-range GaAs Gunn diodes (2000) Radiotekhnika i Elektronika, 45 (5), pp. 628-631.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3374743353&partnerID=40&md5=fb63cb9e6a3545653ee134df5f1fae41
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	InxGa1-xAs/GaAs GaAs heterocathode in a GaAs millimeter-wave-range Gunn diode (2000) Radiotekhnika i Elektronika, 45 (4), pp. 508-510.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042762456&partnerID=40&md5=b27d67ce496bc69b3944ef05eb4d554f
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	The Effect of an Antibarrier Heterocathode on the Energy and Frequency Characteristics of Millimeter-Wave-Range GaAs Gunn Diodes (2000) Journal of Communications Technology and Electronics, 45 (5), pp. 572-575.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043233037&partnerID=40&md5=55dd34cd39349483adb88541b18d91b4
	Arkusha, Yu.V.	Effect of a metallic cathode contact on the energy characteristics of short Gunn diodes (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (2), pp. 24-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032256304&partnerID=40&md5=683626f3b54b5bb743c9f764e90273
	Arkusha, Yu.V.	Effect of sample doping profiles on the measurement of the V(E)-dependence using the microwave method (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (2), pp. 21-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032280567&partnerID=40&md5=18b013f1aed7621d6e176c1bfd0043b
	Arkusha, Yu.V. , Prokhorov, E.D., Sanin, S.I.	Gunn diodes with different cathode contacts oscillation on harmonic frequencies (1996) International Journal of Infrared and Millimeter Waves, 17 (10), pp. 1639-1650.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030259519&partnerID=40&md5=966e0cc002a9859d8e7320a31361fa87
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	InP1-xAsx/GaAs heterojunction in the diode with intervalley electron transfer (1996) Radiotekhnika i Elektronika, 41 (2), pp. 248-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030079764&partnerID=40&md5=c4b8419c7cfd0f1696a374df83b0478
	Arkusha, Yu.V. , Prokhorov, E.D., Storozhenko, I.P.	InP1-x-Asx/GaAs heterojunction in a diode with an intervalley electron transfer (1996) Journal of Communications Technology and Electronics, 41 (2), pp. 228-232.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030073897&partnerID=40&md5=78cf95beb4680235a75e54437f28c23d
	Arkusha, Yu.V. , Polyanskiy, N.E., Prokhorov, E.D.	Possibility of short GaAs Gunn diode operation above 500 K (1993) Radiotekhnika i Elektronika, 38 (3), pp. 553-556.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027560241&partnerID=40&md5=eead70f810fde4d0814ee354e186ecb6a
	Arkusha, Yu.V. , Dyadchenko, A.V., Prokhorov, E.D.	Possibilities of oscillation by InxGa1-xAs Gunn diodes (1992) Soviet journal of communications technology & electronics, 37 (2), pp. 126-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026679956&partnerID=40&md5=0b161aa936a1bbb1f58404a1843cd28a
	Arkusha, Yu.V. , Dyadchenko, A.V., Prokhorov, E.D.	The possibilities of microwave generation by InxGa1-xAs Gunn diodes (1991) Radiotekhnika i Elektronika, 36 (7), pp. 1401-1404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026193263&partnerID=40&md5=1069ae96a23988742973abc30e884074
	Arkusha, Yu.V. , Popov, A.M., Prokhorov, E.D.	Optimum doping profiles of mm-band Gunn diodes at 300 and 500 K (1991) Soviet journal of communications technology & electronics, 36 (2), pp. 110-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025890548&partnerID=40&md5=027763d9650279c44ac2c8da75d6b43c
	Arkusha, Yu.V. , Drogachenio, A.A., Prokhorov, E.D.	Uniform field conditions in subcritically doped Gunn diodes with a metallic cathode contact (1989) Soviet journal of communications technology & electronics, 34 (15), pp. 113-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024902195&partnerID=40&md5=9f82f6f32113f195474027aaea7b984
	Arkusha, Yu.V. , Drogachenko, A.A., Prokhorov, E.D.	Operation of short Gunn diodes with metallic contact for supply voltage of reversed polarity (1989) Soviet journal of communications technology & electronics, 34 (10), pp. 118-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024935268&partnerID=40&md5=d6513d26446337488b6fc4ee22d03396
	Arkusha, Yu.V. , Drogachenko, A.A., Prokhorov, E.D.	Investigation of the frequency properties of Gunn diodes with a nonuniform temperature distribution in the sample (1989) Soviet journal of communications technology & electronics, 34 (3), pp. 145-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024630598&partnerID=40&md5=4fa1b473a85847335f31835a9745de7f
	Arkusha, Yu.V. , Drogachenko, A.A., Prokhorov, E.D.	Antibarrier metal cathode contact to short Gunn diodes (1988) Soviet journal of communications technology & electronics, 33 (11), pp. 87-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024113648&partnerID=40&md5=99bc40ca9119e8911a9291016e63375f
	Arkusha, Yu.V. , Drogachenko, A.A., Prokhorov, E.D.	Effect of a barrier metal cathode contact on the operation of short Gunn diodes (1988) Soviet journal of communications technology & electronics, 33 (11), pp. 43-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024113616&partnerID=40&md5=18a169560f5fc5dd0c2a6786eab55dc
	Arkusha, Yu.V. , Drogachenko, A.A., Prokhorov, E.D.	Effect of voltage waveform on energy characteristics of Gunn diodes with a length <1 μm for the active region (1988) Soviet journal of communications technology & electronics, 33 (8), pp. 55-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024057102&partnerID=40&md5=912ce3dd14d6557380008e9a8a857b53
	Arkusha, Yu.V. , Drogachenko, A.A., Prokhorov, E.D.	Effect of voltage waveform on the energy characteristics of short Gunn diodes (1988) Soviet journal of communications technology & electronics, 33 (1), pp. 132-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023670772&partnerID=40&md5=9d04e03cbd459d22d5787ba938c9c974
67	Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V., Kamchatnaya, S.N., Pinto Simoes, V.M.	Conductivity relaxation in strongly underdoped YBa ₂ Cu ₃ O _{7-δ} single crystals (2017) Physica B: Condensed Matter, 518, pp. 47-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020085125&doi=10.1016%2fj.physb.2017.05.020&partnerID=40&md5=0ee0ee89f87a19f11a7ac1cdf90e84d
	Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V., Nazzyrov, Z.F., Kamchatnaya, S.N.	Effect of hydrostatic pressure on the conductivity of YBa ₂ Cu ₃ O _{7-δ} single crystals in a broad range of temperature and oxygen content (2017) Solid State Communications, 255-256, pp. 20-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015250562&doi=10.1016%2fj.ssc.2017.02.009&partnerID=40&md5=c80788e1424ce995b8794fdacaff17cc
	Biletskiy, V.I., Bogdanov, V.V., Boyko, Y.I., Vovk, R.V., Khadzhai, G.Y. , Goulatis, I.L., Chronos, A.I.	Electrophysical properties of nanoporous cerium dioxide–water system (2017) Journal of Materials Science: Materials in Electronics, 28 (2), pp. 2157-2159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990853011&doi=10.1007%2f%3a10854-016-5780-y&partnerID=40&md5=4a7af3d87ee23b53b65eb487e9165d9f
	Boiko, Y.I., Bogdanov, V.V., Khadzhai, G.Y. , Savich, S.V., Vovk, R.V.	Single-file diffusion of oxygen ions in the compound YBa ₂ Cu ₃ O _{7-x} (2016) Low Temperature Physics, 42 (10), pp. 936-939.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995459779&doi=10.1063%2f1.4965896&partnerID=40&md5=bbe19f5721a76646de09da8b0335ca75

Boiko, Y.I., Bogdanov, V.V., Khadzhai, G.Ya. , Savich, S.V., Vovk, R.V.	Single-file diffusion of oxygen ions in YBa2Cu3O7-x compound (2016) Fizika Nizkikh Temperatur, 42 (10), pp. 1192-1197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989237433&partnerID=40&md5=ea3e14ae0da8777f8150564b3794b00
Khadzhai, G.Ya. , Nazyrov, Z.F., Vovk, R.V.	The role of twins in the change of the conductivity characteristics of HoBa2Cu3O7-δ single crystal in a reversible change of hydrostatic pressure (2016) Fizika Nizkikh Temperatur, 42 (9), pp. 943-950.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983627607&partnerID=40&md5=7112f08b028a6e10e23e24d0b4b49a3b
Khadzhai, G.Y. , Nazyrov, Z.F., Vovk, R.V.	Role of twins in variations in the conductivity characteristics of single-crystal HoBa2Cu3O7-σ during reversible changes in hydrostatic pressure (2016) Low Temperature Physics, 42 (9), pp. 739-744.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990923308&doi=10.1063%2F1.4963326&partnerID=40&md5=be808f24c80b60f21199578364bad556
Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V., Kamchatna, S.N., Chroneos, A.	Modification of superconducting and resistive properties of HoBa2Cu3O7-δ single crystals under application-removal of high hydrostatic pressure (2016) Modern Physics Letters B, 30 (17), art. no. 1650188, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976527810&doi=10.1142%2F10217984916501888&partnerID=40&md5=98bad935f0c953ec45fed018d245e048
Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V., Kamchatnaya, S.N., Nazyrov, Z.F.	Electric Charge Transfer and Scattering of Its Carriers in Cuprates of the 1–2–3 System (2016) Journal of Low Temperature Physics, 183 (1-2), pp. 59-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961286740&doi=10.1007%2F10909-016-1513-0&partnerID=40&md5=91beb5231fc8625841e4b8111b41f9fb
Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V., Nazyrov, Z.F., Chroneos, A.	Transverse resistance in HoBa2Cu3O7-δ single crystals (2015) Modern Physics Letters B, 29 (35-36), art. no. 1550232, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954386557&doi=10.1142%2F10217984915502322&partnerID=40&md5=4162663bde1d3ac52d8c1d2905f83299
Khadzhai, G.Y. , Vovk, R.V., Nazyrov, Z.F.	Transverse resistance of YBa2Cu3O7-δ single crystals with different oxygen deficiency (2015) Low Temperature Physics, 41 (11), pp. 874-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949567306&doi=10.1063%2F1.4934949&partnerID=40&md5=b05f1d94645eb502f6d76a3c42ac87a6
Vovk, R.V., Khadzhai, G.Ya. , Dobrovolskiy, O.V., Nazyrov, Z.F., Chroneos, A.	Influence of planar and point defects on the basal-plane conductivity of HoBaCuO single crystals (2015) Physica C: Superconductivity and its Applications, 516, pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947218048&doi=10.1016%2Fj.physc.2015.06.011&partnerID=40&md5=3a1d632cc6694893ca9298cee27d8bfc
Vovk, R.V., Khadzhai, G.Ya. , Dobrovolskiy, O.V.	Resistive measurements of the pseudogap in lightly Pr-doped Y1-xPrxBa2Cu3O7-δ single crystals under high hydrostatic pressure (2015) Solid State Communications, 204, pp. 64-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920124820&doi=10.1016%2Fj.ssc.2014.12.008&partnerID=40&md5=30777a83dce0269a049382fd9798da
Khadzhai, G.Ya. , Vovk, R.V., Nazyrov, Z.F.	Transversal electric resistance of the YBa2Cu3O7-δ single crystals at the different values of oxygen deficit (2015) Fizika Nizkikh Temperatur, 41 (11), pp. 1119-1125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943384511&partnerID=40&md5=cc4d8d0e7ee62552f3f5d1b1c9a828e
Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V., Vovk, N.R., Nazyrov, Z.F.	Effect of defects on the basal-plane resistivity of YBa2Cu3O$7-\delta$ and Y1-yPrBa2Cu3O7-x single crystals (2015) Journal of Materials Science: Materials in Electronics, 26 (3), pp. 1435-1440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925485954&doi=10.1007%2F10854-014-2558-y&partnerID=40&md5=d2f85d197cff18fc215d91d3e3cf8e36
Vovk, R.V., Khadzhai, G.Ya. , Dobrovolskiy, O.V., Nazyrov, Z.F., Chroneos, A.	Transverse resistance of YBa2Cu3O7-δ single crystals (2015) Current Applied Physics, 15 (5), pp. 617-621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924116405&doi=10.1016%2Fj.cap.2015.02.016&partnerID=40&md5=79efe4ce3fad21014382db4a61e1b66e
Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V.	Transverse resistance in Y1-yPrBa2Cu 3O7-δ at large praseodymium concentrations (2014) Physica B: Condensed Matter, 451, pp. 84-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904535615&doi=10.1016%2Fj.physb.2014.06.034&partnerID=40&md5=ced158fc77dfdd162492c4c4e0a8fd53
Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V.	Phase segregation and the effect of high pressure on the electro-transport in Y0.95Pr0.05Ba2Cu3O 7-δ single crystals (2014) Modern Physics Letters B, 28 (17), art. no. 1450142, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903974131&doi=10.1142%2F10217984914501425&partnerID=40&md5=c2adc48e05717ae549b17b10f28286
Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V., Nazyrov, Z.F., Goulatis, I.L.	Transverse conductivity in Y1-yPrBa2Cu3O7- single crystals (2014) Materials Research Express, 1 (2), art. no. 026303, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910152058&doi=10.1088%2F2053-1591%2F1%2F2%2F026303&partnerID=40&md5=7af09e810e989c9a94f20b1c30a29fd7
Vovk, R.V., Khadzhai, G.Ya. , Goulatis, I.L., Chroneos, A.	Fluctuation conductivity of oxygen underdoped YBa2Cu 3O7-δ single crystals (2014) Physica B: Condensed Matter, 436, pp. 88-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890520289&doi=10.1016%2Fj.physb.2013.11.056&partnerID=40&md5=4e296e9b99695f098f081fc1f068e2e5
Khadzhai, G.Ya. , Vovk, R.V.	Electron transport and stability of oxygen subsystem of YBa2Cu3O7-δ single crystals at the prolonged exposure to the air (2014) Fizika Nizkikh Temperatur, 40 (12), pp. 1343-1347.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908672682&partnerID=40&md5=447359949caac6d532692ab4f9cc70bf
Khadzhai, G.Y. , Vovk, R.V., Vovk, N.R.	Scattering of electrons in oxygen underdoped YBa2Cu3O7-x single crystals (2014) Functional Materials, 21 (2), pp. 137-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903456874&partnerID=40&md5=e5fa77da06ff5a4d8c92fbf11b848800
Vovk, R.V., Khadzhai, G.Y. , Dobrovolskiy, O.V.	Transverse conductivity in Pr(Formula presented.) single crystals in a wide range of praseodymium concentrations (2014) Applied Physics A: Materials Science and Processing, 117 (3), pp. 997-1002.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910152461&doi=10.1007%2F100339-014-8670-2&partnerID=40&md5=7a675993844e4b4d7c560f0b4389a1f2
Khadzhai, G.Y. , Vovk, N.R., Vovk, R.V.	Conductivity of single-crystal y1- <math>y< (2014)="" (6),="" 40="" 488-491.<="" a="" and="" concentrations="" low="" math>="" math>cu<math>3<="" math>o<math>7-\delta<="" math>prba<math>2<="" of="" over="" physics,="" pp.="" pr="" range="" td="" temperature="" temperatures="" wide=""><td>https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929580649&doi=10.1063%2F1.4881197&partnerID=40&md5=75efd649396bf8f2ceb9e08de28e661c6</td></math>y<>	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929580649&doi=10.1063%2F1.4881197&partnerID=40&md5=75efd649396bf8f2ceb9e08de28e661c6
Khadzhai, G.Y. , Vovk, N.R., Vovk, R.V.	Conductivity of Y1-yPrBa2Cu3 7-δ single crystals in wide ranges of temperatures and Pr concentrations (2014) Fizika Nizkikh Temperatur, 40 (6), pp. 630-635.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899857582&partnerID=40&md5=7a0209cb85390804bd3b3ba37d229e56
Vovk, R.V., Khadzhai, G.Ya. , Dobrovolskiy, O.V.	Conductivity anisotropy in Y$1-y$PrBa2Cu3O$7-\delta$ single crystals in a wide range of praseodymium concentrations (2014) Modern Physics Letters B, 28 (31), art. no. 1450245, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-849259589721&doi=10.1142%2F10217984914502455&partnerID=40&md5=30bb8d960dc37120bf60c3424258f9
Khadzhai, G.Y. , Sclyar, V.V., Vovk, R.V., Dovhopolova, Y.V., Chornovol-Tkachenko, O.O.	Effect of pressure on the critical temperature of single-crystal y0.95$-pr$Ba2Cu3O$7-\delta$ with a specified planar defect geometry (2014) Low Temperature Physics, 40 (8), pp. 699-701.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929620875&doi=10.1063%2F1.4894321&partnerID=40&md5=f412e0788e4826cdd363552ea5061c5d
Khadzhai, G.Ya. , Sclyar, V.V., Vovk, R.V., Dovhopolova, Ya.V., Chornovol-Tkachenko, O.O.	The effect of high pressure on critical temperature of Y 0.95Pr0.05Ba2Cu3O 7-δ single crystals with a given topology of planar defects (2014) Fizika Nizkikh Temperatur, 40 (8), pp. 900-903.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903951814&partnerID=40&md5=4bcf167935242e43e1ba77ae3a687e17
Vovk, R.V., Vovk, N.R., Khadzhai, G.Ya., Dobrovolskiy, O.V., Nazyrov, Z.F.	Effect of high pressure on the fluctuation paraconductivity in Y0.95Pr0.05Ba2Cu3O7-δ single crystals (2014) Current Applied Physics, 14 (12), pp. 1779-1782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908387363&doi=10.1016%2Fj.cap.2014.10.002&partnerID=40&md5=45db0811c2d2a31b7732a661cd3901f6
Vovk, R.V., Vovk, N.R., Khadzhai, G.Y. , Dobrovolskiy, O.V., Nazyrov, Z.N.	Evolution of the electrical resistance of YBa2Cu3O7-δ single crystals in the course of long-term aging (2014) Journal of Materials Science: Materials in Electronics, 25 (12), pp. 5226-5230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911936358&doi=10.1007%2F10854-014-2292-5&partnerID=40&md5=94b1e02e8f7bbd2e58c9c05307bbe29a
Vovk, R.V., Vovk, N.R., Khadzhai, G.Ya. , Goulatis, I.L., Chroneos, A.	Effect of praseodymium on the electrical resistance of YBa 2Cu3O7-δ single crystals (2014) Solid State Communications, 190, pp. 18-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899752177&doi=10.1016%2Fj.ssc.2014.04.004&partnerID=40&md5=703797cf993bcd7c2217b7a7240ebca1
Vovk, R.V., Vovk, N.R., Khadzhai, G.Y. , Goulatis, I.L., Chroneos, A.	Effect of high pressure on the electrical resistivity of optimally doped YBa2Cu3O7-δ single crystals with unidirectional planar defects (2013) Physica B: Condensed Matter, 422, pp. 33-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878290033&doi=10.1016%2Fj.physb.2013.04.032&partnerID=40&md5=3121841dfb99a1a2eae7b64391353164
Khadzhai, G.Y. , Vovk, R.V., Vovk, N.R.	Electrical resistance relaxation induced by high pressure in single crystals of YBa2Cu3O7-δ (2013) Low Temperature Physics, 39 (6), pp. 530-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879496605&doi=10.1063%2F1.4811255&partnerID=40&md5=f42bc1e69cf09efecce466bfd666baf
Khadzhai, G.Ya. , Vovk, R.V., Vovk, N.R.	Induced by high pressure the relaxation of the electrical resistance of YBa2Cu3O7-δ Single crystals (2013) Fizika Nizkikh Temperatur, 39 (6), pp. 684-689.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877258417&partnerID=40&md5=b66b0b3400bf22017076a9a579b3f166

	Vovk, R.V., Khadzhai, G.Y. , Nazyrov, Z.F.	Evolution of normal electrical resistance in oxygen underdoped Ho-1Ba2Cu3O7- δ single crystals in the process of application-removal of high hydrostatic pressure (2012) Functional Materials, 19 (4), pp. 452-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876300615&partnerID=40&md5=3b4b16b3479a72ef713b16f498f34673
	Vovk, R.V., Khadzhai, G.Y. , Nazyrov, Z.F., Goulatis, I.L., Chronos, A.	Relaxation of the normal electrical resistivity induced by high-pressure in strongly underdoped YBa 2Cu 3O 7- δ single crystals (2012) Physica B: Condensed Matter, 407 (22), pp. 4470-4472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866740785&doi=10.1016%2Fj.physb.2012.07.049&partnerID=40&md5=c80696ccbf4d45527a36b239351667d
	Vovk, R.V., Khadzhai, G.Y. , Obolenskii, M.A.	Evolution of the electrical resistance of YBa 2Cu 3O 7- δ with $\delta \approx 0.45$ under high hydrostatic pressures (2012) Low Temperature Physics, 38 (3), pp. 255-257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859029000&doi=10.1063%2F1.3693587&partnerID=40&md5=b508ccf80aceef8cb066a9ab9184843d
	Vjugov, P.N., Kozhevnikov, O.E., Merisov, B.A., Khadzhai, G.Y. , Bulatov, A.S., Korniets, A.V.	Production of high-purity hafnium and the study of some its properties (2011) Russian Metallurgy (Metally), 2011 (7), pp. 616-621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81355123344&doi=10.1134%2FS0036029511070160&partnerID=40&md5=4acd41c3f056efcb826431b8d2a42f9
	Azhazha, R.V., Kovtun, K.V., Malykhin, S.V., Merisov, B.A., Pugachev, A.T., Reshetnyak, E.N., Khadzhai, G.Ya.	Accumulation of hydrogen in hafnium: Structure and electrical resistivity (2008) Physics of Metals and Metallography, 105 (2), pp. 188-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43349107492&doi=10.1007%2Fs11508-008-2011-7&partnerID=40&md5=57f25406c70283b7c28ee74506366c7
	Khadzhai, G.	The electrical resistance of the tantalum-hydrogen system at low temperatures (2001) International Journal of Hydrogen Energy, 26 (5), pp. 511-513.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035336713&doi=10.1016%2FS0360-3199%2800%2900086-0&partnerID=40&md5=e1f970c225f45b899dd26bf82201e889
	Beletsky, V.I., Gavrenko, O.A., Merisov, B.A., Obolensky, M.A., Sologubenko, A.V., Khadzhai, G.Ya. , Chashka, Kh.B.	Thermal conductivity and electrical resistivity of layered compound Nb1-xSrxSe2 (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (4), pp. 365-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032050113&partnerID=40&md5=6270322563e07158ac7fbeb84bfaaf8
	Gavrenko, O.A., Merisov, B.A., Mikhailova, T.N., Molokanov, V.V., Sologubenko, A.V., Khadzhai, G.Ya.	Thermal and electrical conductivities of the bulk amorphous alloy Cu50Zr35Ti8Hf5Nb2 (1996) Physics of the Solid State, 38 (12), pp. 1959-1962.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030363415&partnerID=40&md5=8ff3f516c21b5b5d2d4b7bcaec22e0e
	Anders, E.E., Startsev, S.V., Merisov, B.A., Khadzhai, G.Ya. , Sologubenko, A.V.	Low temperature heat transport in alkaline rare earth dimolybdates (1992) Ferroelectrics, 130 (4), pp. 327-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027042187&partnerID=40&md5=77a109fb26a0b4dbcaed48e2bf93b713
	Merisov, B.A., Khadzhai, G.Ya. , Obolenskii, M.A., Gavrenko, A.	Thermal and electric conductivity of metal-oxide ceramics Y-Ba-Cu-O in the region of superconducting transition (1988) Fizika Nizkikh Temperatur (Kiev), 14 (6), pp. 643-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024020124&partnerID=40&md5=4f8b848b76bd40cb71edbf13edfa470
68	Slipko, V.A. , Pershin, Y.V.	Metastable memristive lines for signal transmission and information processing applications (2017) Physical Review E, 95 (4), art. no. 042213, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017659190&doi=10.1103%2FPhysRevE.95.042213&partnerID=40&md5=87dcf96278e0e71b9199c047de8c42e5
	Pershin, Y.V., Slipko, V.A. , Di Ventra, M.	Reconfigurable transmission lines with memcapacitive materials (2015) Applied Physics Letters, 107 (25), art. no. 253101, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953208385&doi=10.1063%2F1.4937808&partnerID=40&md5=d1d0e6713553696037fa4eeb8070755f
	Slipko, V.A. , Shumovskiy, M., Pershin, Y.V.	Switching synchronization in one-dimensional memristive networks (2015) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 92 (5), art. no. 052917, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949310156&doi=10.1103%2FPhysRevE.92.052917&partnerID=40&md5=c7dd2c91522c826fe07a6dac29dcf101
	Slipko, V.A. , Sinitsyn, N.A., Pershin, Y.V.	Hybrid spin noise spectroscopy and the spin Hall effect (2013) Physical Review B - Condensed Matter and Materials Physics, 88 (20), art. no. 201102, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887530335&doi=10.1103%2FPhysRevB.88.201102&partnerID=40&md5=a346be9afcaf73c9d6260458406bb99
	Li, F., Pershin, Y.V., Slipko, V.A. , Sinitsyn, N.A.	Nonequilibrium spin noise spectroscopy (2013) Physical Review Letters, 111 (6), art. no. 067201, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881531888&doi=10.1103%2FPhysRevLett.111.067201&partnerID=40&md5=42626f2b41cc0965ebcb1bcd44f1c7d
	Pershin, Y.V., Slipko, V.A. , Roy, D., Sinitsyn, N.A.	Erratum: Two-beam spin noise spectroscopy (Applied Physics Letters (2013) 102 (202405)) (2013) Applied Physics Letters, 102 (24), art. no. 249902, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879825207&doi=10.1063%2F1.4811649&partnerID=40&md5=72f356648b36412d065fc52edd14c6cd
	Pershin, Y.V., Slipko, V.A. , Roy, D., Sinitsyn, N.A.	Two-beam spin noise spectroscopy (2013) Applied Physics Letters, 102 (20), art. no. 202405, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878353194&doi=10.1063%2F1.4807011&partnerID=40&md5=63f48b714744baac57159db30c22bda
	Slipko, V.A. , Pershin, Y.V., Di Ventra, M.	Changing the state of a memristive system with white noise (2013) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 87 (4), art. no. 042103, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876716829&doi=10.1103%2FPhysRevE.87.042103&partnerID=40&md5=b1c0eda836f42c53700e34dedb50293
	Pershin, Y.V., Slipko, V.A. , Di Ventra, M.	Complex dynamics and scale invariance of one-dimensional memristive networks (2013) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 87 (2), art. no. 022116, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874519272&doi=10.1103%2FPhysRevE.87.022116&partnerID=40&md5=80d5d1cbf1ec9da2c657aae47079eeb6
	Slipko, V.A. , Hayeva, A.A., Pershin, Y.V.	Decay of persistent spin helix due to the spin relaxation at boundaries (2013) Physical Review B - Condensed Matter and Materials Physics, 87 (3), art. no. 035430, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874574954&doi=10.1103%2FPhysRevB.87.035430&partnerID=40&md5=eefa4066589861e6058d3b9b1762d958
	Slipko, V.A. , Pershin, Y.V.	Kinetics of spin relaxation in quantum wires and channels: Boundary spin echo and formation of a persistent spin helix (2011) Physical Review B - Condensed Matter and Materials Physics, 84 (15), art. no. 155306, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80455129684&doi=10.1103%2FPhysRevB.84.155306&partnerID=40&md5=9c8a2991b5fddb8d7809b4804e595ee2
	Slipko, V.A. , Pershin, Y.V.	Dynamics of spin relaxation in finite-size two-dimensional systems: An exact solution (2011) Physical Review B - Condensed Matter and Materials Physics, 84 (7), art. no. 075331, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052477806&doi=10.1103%2FPhysRevB.84.075331&partnerID=40&md5=87f72d4810e4e38a23156202483c7d1
	Slipko, V.A. , Pershin, Y.V.	Spin relaxation in Rashba rings (2011) EPL, 95 (3), art. no. 37004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860408371&doi=10.1209%2F0295-5075%2F95%2F37004&partnerID=40&md5=9bca39b5c6977c75fad83125e72ae5af
	Slipko, V.A. , Savran, I., Pershin, Y.V.	Spontaneous emergence of a persistent spin helix from homogeneous spin polarization (2011) Physical Review B - Condensed Matter and Materials Physics, 83 (19), art. no. 193302, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961104675&doi=10.1103%2FPhysRevB.83.193302&partnerID=40&md5=1a450585650002b0a0dd126ed717f624
	Pershin, Y.V., Slipko, V.A.	Radial spin helix in two-dimensional electron systems with Rashba spin-orbit coupling (2010) Physical Review B - Condensed Matter and Materials Physics, 82 (12), art. no. 125325, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957699408&doi=10.1103%2FPhysRevB.82.125325&partnerID=40&md5=afd647949f1dd8e16c05978c8e281f8b
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A.	Formation of a mesa shaped phonon pse in superfluid 4He (2010) Journal of Low Temperature Physics, 159 (3-4), pp. 492-514.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952236695&doi=10.1007%2Fs10909-010-0157-8&partnerID=40&md5=e2f81b389a7e435dc5bde2e36f13a144
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	On the influence of a finite relative velocity on first sound propagation in liquid 4He II (2010) Journal of Molecular Liquids, 151 (1), pp. 60-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71149108686&doi=10.1016%2Fj.molliq.2009.11.004&partnerID=40&md5=d28732ed953c52ca93efc4b2137cefd
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Phonons Created in Superfluid Helium by a Thin Film Gold Heater (2009) Journal of Low Temperature Physics, 157 (5-6), pp. 509-526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449535640&doi=10.1007%2Fs10909-009-0011-z&partnerID=40&md5=56232d91cb507b1fab51c47d95b8a9c
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Second sound in an anisotropic quasiparticle system of superfluid H4 e (2009) Physical Review B - Condensed Matter and Materials Physics, 79 (10), art. no. 104508, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63249102421&doi=10.1103%2FPhysRevB.79.104508&partnerID=40&md5=f6b262092444e14c9c35d384c8bce50
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Collective modes in superfluid helium when there is a relative velocity between the normal and superfluid components (2008) Low Temperature Physics, 34 (4), pp. 279-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44349104143&doi=10.1063%2F1.2908889&partnerID=40&md5=7885241a41f51a3a3636c08d1483a036
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Transverse sound in differentially moving superfluid helium (2008) Physical Review B - Condensed Matter and Materials Physics, 77 (14), art. no. 144515, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42449118531&doi=10.1103%2FPhysRevB.77.144515&partnerID=40&md5=6341e4e5e91baef02970ba88f1dc91d1

	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Collective modes in superfluid helium when there is a relative velocity between the normal and superfluid components (2008) Fizika Nizkikh Temperatur (Kharkov), 34 (4-5), pp. 357-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41649107342&partnerID=40&md5=1c0088969e678debdaa5541c7e6faf7
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	The unusual properties of anisotropic systems of quasiparticles in superfluid 4He (2007) Low Temperature Physics, 33 (9), pp. 767-773.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34748836956&doi=10.1063%2F1.2780172&partnerID=40&md5=72c0ce50b7975ce1d37309327299736f
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Second sound in a strongly anisotropic system of quasiparticles in He(II) (2007) Journal of Low Temperature Physics, 148 (5-6), pp. 547-552.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547124314&doi=10.1007%2F10909-007-9479-6&partnerID=40&md5=ec34cab0bf242e4f9077b81fe41c558
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	The unusual properties of anisotropic systems of quasiparticles in superfluid 4He (2007) Fizika Nizkikh Temperatur (Kharkov), 33 (9), pp. 1008-1015.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34848882553&partnerID=40&md5=ea75bc3def2877bb221828746ebb9f3
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Kitsenko, Yu.A., Wyatt, A.F.G.	Creation of high-energy phonons by four-phonon processes in anisotropic phonon systems of He II (2007) Low Temperature Physics, 33 (5), pp. 387-400.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250210798&doi=10.1063%2F1.2737546&partnerID=40&md5=ecc7080ff019d94e81cfc8bae4fa815
	Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Creation of high-energy phonons by four-phonon processes in anisotropic phonon systems of He II (2007) Fizika Nizkikh Temperatur (Kharkov), 33 (5), pp. 523-537.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147157408&partnerID=40&md5=82e4afc1e7a6907a3bd697242225dd0b
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Relaxation of anisotropic systems of quasi-particles in superfluid helium (2006) Journal of Low Temperature Physics, 145 (5-6), pp. 387-407.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483344&doi=10.1007%2F10909-006-9250-4&partnerID=40&md5=4475a71b19d6e62e2654ecfd61c4d347
	Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	The decay of one phonon into three in superfluid helium (2006) Journal of Physics Condensed Matter, 18 (45), art. no. 006, pp. 10179-10191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846095949&doi=10.1088%2F0953-8984%2F18%2F45%2F006&partnerID=40&md5=7fd986156c3d1caa2beb978c5f405745
	Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Creation and decay of high-energy phonons in anisotropic systems of low-energy phonons in superfluid helium (2006) Physical Review B - Condensed Matter and Materials Physics, 73 (13), art. no. 134505, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3364551485&doi=10.1103%2FPhysRevB.73.134505&partnerID=40&md5=19349624d33273b6f6a18ece7c1bf4
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Thermodynamics of anisotropic phonon systems in superfluid helium (2006) Journal of Physics Condensed Matter, 18 (10), pp. 2805-2816.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644553872&doi=10.1088%2F0953-8984%2F18%2F10%2F006&partnerID=40&md5=eb76151c94bd009b946258519e9b020
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Anisotropic system of quasiparticles in superfluid helium (2006) Physical Review Letters, 96 (6), art. no. 065301, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33144482600&doi=10.1103%2FPhysRevLett.96.065301&partnerID=40&md5=30fdb9f56b8cb2051c57edd2bb21370
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Kitsenko, Yu.A., Wyatt, A.F.G.	Three-phonon relaxation in isotropic and anisotropic phonon systems of liquid helium at different pressures (2005) Low Temperature Physics, 31 (6), art. no. 0015061tp, pp. 459-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644517847&doi=10.1063%2F1.1943527&partnerID=40&md5=e5c2c57d6bef46c1a33cdd7cba7426f
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Transverse evolution of cylindrical phonon pulse in superfluid helium-4 (2005) Journal of Low Temperature Physics, 138 (1-2), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21044437134&doi=10.1007%2F10909-005-1529-3&partnerID=40&md5=4ac09c83d613a929d6c431b13a4af9a0
	Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Quasiequilibrium distribution function of anisotropic phonon systems and the interaction of pulses of low-energy phonons in superfluid helium (2005) Physical Review B - Condensed Matter and Materials Physics, 72 (5), art. no. 054507, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644934565&doi=10.1103%2FPhysRevB.72.054507&partnerID=40&md5=9f5074a2ffa048a84b3947b9e2f918b1
	Adamenko, I.N., Kitsenko, Yu.A., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Three-phonon relaxation in isotropic and anisotropic phonon systems of liquid helium at different pressures (2005) Fizika Nizkikh Temperatur (Kharkov), 31 (6), pp. 607-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444375840&partnerID=40&md5=0dd2b71f29c5e1035a0e1215fc896f5e
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Vovk, R.V., Williams, C.D.H., Wyatt, A.F.G.	Spatial evolution of pulses of low-energy phonons in liquid 4He (2005) Journal of Molecular Liquids, 120 (1-3), pp. 163-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144399322&doi=10.1016%2Fj.molliq.2004.07.061&partnerID=40&md5=6f90a0996afedeaca427873888aa2f23d
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Longitudinal evolution of a phonon pulse in liquid 4He (2005) Journal of Physics Condensed Matter, 17 (19), pp. 2859-2871.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21044451897&doi=10.1088%2F0953-8984%2F17%2F19%2F004&partnerID=40&md5=f63b3f8946dd6f1d6a243ca1290a716
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Evolution of a pulse of noninteracting quasiparticles with dispersion and initial angular width (2004) Low Temperature Physics, 30 (6), pp. 432-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21144432064&doi=10.1063%2F1.1768332&partnerID=40&md5=06857decf6bc0ee664e94eba6987ac1
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Evolution of a pulse of noninteracting quasiparticles with dispersion and initial angular width (2004) Fizika Nizkikh Temperatur (Kharkov), 30 (6), pp. 579-589.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942631063&partnerID=40&md5=d36c15a9d3c00ed7b52f02777fd0ff46
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Signal of high-energy phonons created by low-energy phonons in superfluid helium (2004) Physical Review B - Condensed Matter and Materials Physics, 69 (14), art. no. 144525, pp. 144525-1-144525-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37649031349&doi=10.1103%2FPhysRevB.69.144525&partnerID=40&md5=b0351d8edd8572c2e15d995418998d00
	Adamenko, I.N., Nemchenko, K.E., Slipko, V.A. , Wyatt, A.F.G.	Evolution of a cool phonon pulse propagating in superfluid helium (2003) Physical Review B - Condensed Matter and Materials Physics, 68 (13), art. no. 134507, pp. 1345071-13450712.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344099194&partnerID=40&md5=a43e2f3ff081f49e07900f9ec4e86537
	Berezhnou, Yu.A., Slipko, V.A.	Polarization phenomena in inclusive nucleon transfer reactions (1998) International Journal of Modern Physics E, 7 (6), pp. 723-746.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032260358&partnerID=40&md5=7fe2429d4f36a9e313f9e73080129bb9
	Berezhnou, Yu.A., Slipko, V.A.	Polarization characteristics of nucleons released in the inclusive deuteron stripping reaction (1997) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 61 (11), pp. 2146-2151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750662603&partnerID=40&md5=a66de857822089b51fe94d6ee56d70af
69	Zakharov, A.B., Ivanov, V.V. , Adamowicz, L.	π -Electron Calculations Using the Local Linear-Response Coupled-Cluster Singles and Doubles Theory (2015) Journal of Physical Chemistry C, 119 (52), pp. 28737-28748.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953775015&doi=10.1021%2Facs.jpcc.5b09496&partnerID=40&md5=d03b67accf95c8aa1aeb50efb5bf14d2
	Zakharov, A.B., Ivanov, V.V. , Adamowicz, L.	Molecular nonlinear optical parameters of π -conjugated nonalternant hydrocarbons obtained in semiempirical local coupled-cluster theory (2014) Journal of Physical Chemistry C, 118 (15), pp. 8111-8121. Cited 2 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899014565&doi=10.1021%2Fjp5002176&partnerID=40&md5=bfde2961d63f07f4fedbfd5908c9f1c
	Ivanov, V.V. , Zakharov, A.B., Adamowicz, L.	Molecular dipole static polarisabilities and hyperpolarisabilities of conjugated oligomer chains calculated with the local π -electron coupled cluster theory (2013) Molecular Physics, 111 (24), pp. 3779-3792. Cited 3 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890218883&doi=10.1080%2F00268976.2013.788742&partnerID=40&md5=040dc336cb3fedfa7942ff28789979
	Pushkarova, Y.N., Sledzevskaya, A.B., Panteleimonov, A.V., Titova, N.P., Yurchenko, O.I., Ivanov, V.V. , Kholin, Y.V.	Identification of water samples from different springs and rivers of Kharkiv: Comparison of methods for multivariate data analysis (2013) Moscow University Chemistry Bulletin, 68 (1), pp. 60-66. Cited 1 time.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&doi=10.3103%2FIS0027131412060077&partnerID=40&md5=563de9977cf6550ec5abde61315ab54
	Baraban, A.Y., Ivanov, V.V. , Khristenko, I.V., Kholin, Y.V.	Quantum chemical calculations for the hydration of model silica modified by aliphatic amines (2012) Russian Journal of Physical Chemistry A, 86 (2), pp. 244-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856204283&doi=10.1134%2FIS0036024412020057&partnerID=40&md5=ac5a20030620c5320f3b4b615008840
	Ivanov, V.V. , Lyakh, D.I., Adamowicz, L.	State-specific multireference coupled-cluster theory of molecular electronic excited states (2011) Annual Reports on the Progress of Chemistry - Section C, 107, pp. 169-198. Cited 7 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052097558&doi=10.1039%2F97c1p0007b&partnerID=40&md5=ab12103d23e7be835dd33c4e4067728
	Zakharov, A.B., Ivanov, V.V.	A simple orbital basis set for π electron calculations of the polarizabilities and hyperpolarizabilities of conjugated systems (2011) Journal of Structural Chemistry, 52 (4), pp. 645-651. Cited 3 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054726670&doi=10.1134%2FIS0022476611040019&partnerID=40&md5=418ca394408e6dffa1273c8ebcf1e2f2

Klimenko, T.A., Ivanov, V.V. , Lyakh, D.I.	Potential energy surfaces of the ground and excited states of 11BH molecule in the multireference coupled cluster theory (2010) Ukrainian Journal of Physics, 55 (6), pp. 657-664.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954365476&partnerID=40&md5=927ba2161f55e4e578cb4fb976e5c0f
Klimenko, T.A., Ivanov, V.V. , Lyakh, D.I., Adamowicz, L.	A calculation of spectroscopic parameters for hydrogen fluoride with multi-reference state-specific coupled-cluster method (2010) Chemical Physics Letters, 493 (1-3), pp. 173-178. Cited 6 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954219168&doi=10.1016%2fj.cplett.2010.04.075&partnerID=40&md5=0ec261a6fa9b7c4ca34f8a72b67c4cd
Klimenko, T.A., Ivanov, V.V. , Adamowicz, L.	Dipole polarizabilities and hyperpolarizabilities of the small conjugated systems in the π -electron coupled cluster theory (2009) Molecular Physics, 107 (17), pp. 1729-1737. Cited 4 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68949132644&doi=10.1080%2f00268970701332539&partnerID=40&md5=9d0d3a46d4a04c5fb781d39b4da8608d
Ivanov, V.V. , Lyakh, D.I., Adamowicz, L.	Multireference state-specific coupled-cluster methods. State-of-the-art and perspectives (2009) Physical Chemistry Chemical Physics, 11 (14), pp. 2355-2370. Cited 37 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649240424&doi=10.1039%2fb818590p&partnerID=40&md5=24785b7c9ef67af8f9d994db87fe0b8
Lyakh, D.I., Ivanov, V.V. , Adamowicz, L.	A generalization of the state-specific complete-active-space coupled-cluster method for calculating electronic excited states (2008) Journal of Chemical Physics, 128 (7), art. no. 074101, . Cited 30 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39749112706&doi=10.1063%2f1.2828548&partnerID=40&md5=2a02c6d31d06f90ba7848f0ce53e8af8
Lyakh, D.I., Ivanov, V.V. , Adamowicz, L.	State-specific multireference complete-active-space coupled-cluster approach versus other quantum chemical methods: Dissociation of the N ₂ molecule (2007) Molecular Physics, 105 (10), pp. 1335-1357. Cited 25 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547842539&doi=10.1080%2f00268970701332539&partnerID=40&md5=46274e87b1f767f63eefcefb00ec721d7
Mchedlov-Petrosyan, N.O., Ivanov, V.V.	Effect of the solvent on the absorption spectra and protonation of fluorescein dyes anions (2007) Russian Journal of Physical Chemistry A, 81 (1), pp. 112-115. Cited 8 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846121929&doi=10.1134%2f50036024407010219&partnerID=40&md5=00edc6d41eec3793d299746dd3a7cbbe
Ivanov, V.V. , Adamowicz, L., Lyakh, D.I.	Dissociation of the fluorine molecule: CASCCSD method and other many-particle models (2006) International Journal of Quantum Chemistry, 106 (14), pp. 2875-2880. Cited 25 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750899082&doi=10.1002%2fjqua.21113&partnerID=40&md5=ec40be8bc6d21d6eb381f2649f967a0d
Lyakh, D.I., Ivanov, V.V. , Adamowicz, L.	Multireference state-specific coupled cluster approach with the CAS reference: Inserting Be into H ₂ (2006) Theoretical Chemistry Accounts, 116 (4-5), pp. 427-433. Cited 18 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747865373&doi=10.1007%2fs00214-006-0094-4&partnerID=40&md5=84760dc9c2944ea661a56ce997f147fd
Ivanov, V.V. , Adamowicz, L., Lyakh, D.I.	Potential energy surface of the electron excited states in the state-specific multi-reference coupled cluster theory. Hydrogen fluoride dissociation (2006) Journal of Molecular Structure: THEOCHEM, 768 (1-3), pp. 97-101. Cited 11 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748527492&doi=10.1016%2fj.theochem.2006.04.043&partnerID=40&md5=7737fba148b2a69bd6a24c3139e2b5
Ivanov, V.V. , Adamowicz, L., Lyakh, D.I.	Excited states in the multireference state-specific coupled-cluster theory with the complete active space reference (2006) Journal of Chemical Physics, 124 (18), art. no. 184302, . Cited 13 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547139721&doi=10.1063%2f1.2190221&partnerID=40&md5=1ca6e78a70a10b7efe81bdd0dbd49c3b
Ivanov, V.V. , Lyakh, D.I., Adamowicz, L.	New indices for describing the multi-configurational nature of the coupled cluster wave function (2005) Molecular Physics, 103 (15-16), pp. 2131-2139. Cited 14 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844541376&doi=10.1080%2f00268970500083283&partnerID=40&md5=611692023e8aef04b2d1fba93e2cc9
Lyakh, D.I., Ivanov, V.V. , Adamowicz, L.	Automated generation of coupled-cluster diagrams: Implementation in the multireference state-specific coupled-cluster approach with the complete-active-space reference (2005) Journal of Chemical Physics, 122 (2), art. no. 024108, . Cited 68 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22944466115&doi=10.1063%2f1.1824897&partnerID=40&md5=eb75677a951732bb8ed3be9b048a324
Ivanov, V.V. , Adamowicz, L., Lyakh, D.I.	Multireference state-specific coupled-cluster theory and multiconfigurationality index. BH dissociation (2005) Collection of Czechoslovak Chemical Communications, 70 (7), pp. 1017-1033. Cited 8 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27144512910&doi=10.1135%2fc20051017&partnerID=40&md5=c58c9cf8583ecf3bf4503c7bdc8aa52f
Adamowicz, L., Malrieu, J.-P., Ivanov, V.V.	Alternative multi-reference state-specific coupled cluster wave functions (2002) International Journal of Molecular Sciences, 3 (5), pp. 522-549. Cited 10 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242802137&partnerID=40&md5=bb763647627ef02a1b8d901a0ac27cf0
Adamowicz, L., Malrieu, J.-P., Ivanov, V.V.	New approach to the state-specific multireference coupled-cluster formalism (2000) Journal of Chemical Physics, 112 (23), pp. 10075-10084. Cited 60 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033688914&doi=10.1063%2f1.4816498&partnerID=40&md5=2eb7255bbe1f2670b3bb681c53a1e156
Ivanov, V.V. , Adamowicz, L.	CASCCD: coupled-cluster method with double excitations and the CAS reference (2000) Journal of Chemical Physics, 112 (21), pp. 9258-9268. Cited 61 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033700799&doi=10.1063%2f1.481547&partnerID=40&md5=4d19cbdbbf7cf566c8539917847a2419
Luzanov, A.V., Ivanov, V.V.	C1s core shake up photoelectron spectra of fullerenes C ₆₀ , C ₇₀ , and C ₈₀ in the Tamm-Dancoff π -electron model (1999) Journal of Structural Chemistry, 40 (6), pp. 975-978.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347173045&partnerID=40&md5=4831ec828d9ebf63fea52a6c1ed7c7ff
Ivanov, V.V. , Boichenko, I.V., Luzanov, A.V.	Influence of many-electron effects on the probabilities of one- and two-photon $\pi\pi^*$ -transitions in conjugate organic molecules (1998) Journal of Structural Chemistry, 39 (4), pp. 457-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27344435126&partnerID=40&md5=9e571fd5df5c8e0ea75dfbee31ffd16
Luzanov, A.V., Ivanov, V.V. , Minyaev, R.M.	Disymmetry indices based on optical rotational polarizability of chiral molecules (1998) Journal of Structural Chemistry, 39 (2), pp. 261-267. Cited 3 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22444455375&partnerID=40&md5=e4497359712042f26ab170fd842735f4
Luzanov, A.V., Ivanov, V.V. , Klimko, G.T., Mestechkin, M.M.	Semiempirical estimations of van der Waals interactions of fullerenes C ₆₀ , C ₇₀ , and C ₈₀ (1998) Journal of Structural Chemistry, 39 (2), pp. 277-280. Cited 1 time.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544471443&partnerID=40&md5=535c514a423863b20c4ef3c6b06bbd13
Doroshenko, A.O., Posokhov, E.A., Belokon, Ya.V., Kovalenko, S.N., Ivanov, V.V. , Ponomarev, O.A.	Cyclic systems containing coumarin unit. 2. Spectral-luminescent properties and spin-orbital interaction in molecules of 3-(2-R-thiazolyl-4)- and 3-(4-R-thiazolyl-2)coumarins (1997) Khimiya Geterotsiklicheskikh Soedinenii, (10), pp. 1356-1363. Cited 6 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543004383&partnerID=40&md5=b5beb32355157ee18c9f153889ee55e
Doroshenko, A.O., Ivanov, V.V. , Kovalenko, S.N., Zhuravel', I.A., Yarmolenko, S.N., Ponomarev, O.A.	Solvatofluorochromin and quenching of 3-(2'-aminothiazolyl-4')-coumarin fluorescence in polar media (1997) Chemical Physics Reports, 16 (11), pp. 1973-1980. Cited 1 time.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444249674&partnerID=40&md5=489b3d96c7dc0e6a87d2106eb38561e4
Luzanov, A.V., Ivanov, V.V.	Dispersion interaction of conjugated molecules: One- and many-electron models (1997) Journal of Structural Chemistry, 38 (6), pp. 863-870.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27344435299&partnerID=40&md5=3388a473338ba3c732bf592e0492fc90
Doroshenko, A.O., Posokhov, E.A., Belokon', Ya.V., Kovalenko, S.N., Ivanov, V.V. , Ponomarev, O.A.	Ensembles of rings with a coumarin unit. 2. Spectral luminescent properties and spin-orbit coupling in molecules of 3-(2-R-thiazol-4-yl)- and 3-(4-R-thiazol-2-yl)coumarins (1997) Chemistry of Heterocyclic Compounds, 33 (10), pp. 1177-1184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544448681&partnerID=40&md5=d5314d77f65486a258fcbde09f13b85
Ivanov, V.V. , Luzanov, A.V.	Semiempirical and ab initio calculations of the full configuration interaction using iterated Krylov's spaces (1997) Journal of Structural Chemistry, 38 (1), pp. 10-17. Cited 9 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544511046&partnerID=40&md5=a12d90ed243479c2e09b20aba00b83c5
Ivanov, V.V. , Kisil, I.P., Luzanov, A.V.	Complete account of the π -electron correlation in calculating ring currents in conjugated aromatic and antiaromatic systems (1996) Journal of Structural Chemistry, 37 (4), pp. 537-543. Cited 4 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544475659&partnerID=40&md5=9e3d6d0bc47cebf130921a2d74a2243
Luzanov, A.V., Ivanov, V.V. , Boichenko, I.V.	Semiempirical determination of Dyson's states in conjugated systems within a full-Cl π -electron scheme (1996) Journal of Molecular Structure: THEOCHEM, 360 (1-3), pp. 167-174. Cited 6 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543013417&partnerID=40&md5=601d8771c7f0c06a7764e068c2e12aa3
Ivanov, V.V. , Luzanov, A.V.	π -electron spin densities in the method of complete configuration interaction and other multielectron models (1994) Ukrainskij Khimicheskij Zhurnal, 60 (1), pp. 11-15. Cited 1 time.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028014781&partnerID=40&md5=3027ef38006c3d740bd0e0f8f08d951

	Pedash, Yu.F., Ivanov, V.V. , Luzanov, A.V.	End-group internal rotation barrier in cumulenes calculated taking into account the effects of electron correlation (1993) Theoretical and Experimental Chemistry, 28 (2), pp. 114-116. Cited 2 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842380898&doi=10.1007%2F00573917&partnerID=40&md5=27b071b8bbc1a21b3a9552a1f9102790
	Pedash, Yu.F., Ivanov, V.V. , Luzanov, A.V.	π -Electron hyperpolarizability of even-numbered polyenes in the complete configuration interaction method (1992) Theoretical and Experimental Chemistry, 28 (1), pp. 19-22. Cited 1 time.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342666163&doi=10.1007%2F01006987&partnerID=40&md5=60f5bf61502d51dfeab8ab1d9b027c4f
	Pedash, Yu.F., Ivanov, V.V. , Luzanov, A.V.	Complete configuration interaction and π -shell structure in 10-center conjugated systems (1991) Theoretical and Experimental Chemistry, 27 (4), pp. 393-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249926036&doi=10.1007%2F01372513&partnerID=40&md5=9275be00d7b73f25df319b7e0837d54
	Luzanov, A.V., Ivanov, V.V.	Configuration interaction of states of the quasi-one-electron type (1991) Theoretical and Experimental Chemistry, 26 (4), pp. 363-373. Cited 1 time.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052799939&doi=10.1007%2F00530247&partnerID=40&md5=8e230362838a4dc9cfd17b028cad8b9e
	Pedash, Yu.F., Ivanov, V.V. , Luzanov, A.V.	Dipole polarizability in π systems in complete configuration interaction (1989) Theoretical and Experimental Chemistry, 25 (6), pp. 607-611. Cited 3 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249959675&doi=10.1007%2F00534439&partnerID=40&md5=e9a56fc58ee85d8095544d4fc05d944f
	Luzanov, A.V., Pedash, Yu.F., Ivanov, V.V.	Wave-function operator calculations of the complete configuration interaction in π -systems (1989) Journal of Structural Chemistry, 30 (5), pp. 701-708. Cited 5 times.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249974910&doi=10.1007%2F00763786&partnerID=40&md5=aa1acd1b84abccdf2c1dd30701bf285a
	Doroshenko, A.O., Ponomarev, O.A., Mitina, V.G., Ivanov, V.V.	Luminescence-spectral characteristics of nitro derivatives of 1(2H)-isoquinoline (1989) Theoretical and Experimental Chemistry, 24 (5), pp. 581-586. Cited 1 time.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250096047&doi=10.1007%2F00534426&partnerID=40&md5=f61fa389bc1e15c6be0efab1cbf284c4
70	Botsula, O.V. , Pryhodko, K.H., Zozulia, V.A.	Impact ionization in short AlGa1-Zn-based diodes (2017) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 76 (1), pp. 61-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018967461&doi=10.1615%2FtelecomRadEng.v76.i1.50&partnerID=40&md5=ad24c1944442ce10ac8334da5d3b14fb
	Botsula, O.V. , Prykhodko, K.H.	Static characteristics of the graded gap and heterojunction diodes containing the cathode static domain (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724178, pp. 163-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000577469&doi=10.1109%2FUWBUSIS.2016.7724178&partnerID=40&md5=ac8493f65a809f3c1e3cb74547e9d946
	Prokhorov, E.D., Botsula, O.V. , Reutina, O.A.	Generation efficiency of planar diode with tunnel anode and tunnel lateral boundary (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (5), pp. 423-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937035975&doi=10.1615%2FtelecomRadEng.v74.i5.50&partnerID=40&md5=7fb17e7c4c432cc2d8d1dabe34ee95
	Prokhorov, E.D., Botsula, O.V. , Dyadchenko, A.V., Gorbunov, I.A.	Monte-Carlo simulation of diodes with a cathode static domain (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652760, pp. 141-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891057197&partnerID=40&md5=9207167782036242141b4d76e8eb36b
	Prokhorov, E.D., Botsula, O.V. , Reutina, O.A.	Generation efficiency of planar n+-n-n+ diode with tunnel boundaries (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652759, pp. 139-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891140568&partnerID=40&md5=2c338f34eb2ae6894eb2dd4f1695b88
	Prokhorov, E.D., Botsula, O.V. , Reutina, O.A.	Influence of lateral borders length on current voltage characteristics and oscillation efficiency of planar diode (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622027, pp. 280-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888599714&doi=10.1109%2FMSMW.2013.6622027&partnerID=40&md5=30c2d791329ca5bd67686d3f9d311043
	Prokhorov, E.D., Botsula, O.V. , Reutina, O.A.	Impedance of planar diode with a resonant-tunnel border (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622028, pp. 283-285.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888587851&doi=10.1109%2FMSMW.2013.6622028&partnerID=40&md5=8a5c8a0a61fae80accedd138fea15aad
	Prokhorov, E.D., Botsula, O.V. , Klimenko, O.A., Storozhenko, I.P.	Generation efficiency of resonant-tunnel barrier diodes in sandwich-type structures (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (17), pp. 1589-1600.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883579393&doi=10.1615%2FtelecomRadEng.v72.i17.40&partnerID=40&md5=2a3553cf96f0ca970f8c97f2b31aaba
	Prokhorov, E.D., Botsula, O.V. , Reutina, O.A.	Impedance and generation efficiency of a planar diode with resonant tunneling boundaries (RTB) based on GaAs (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (17), pp. 1613-1622.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883564889&doi=10.1615%2FtelecomRadEng.v72.i17.60&partnerID=40&md5=5e0a2d36a81a714032d750c45125aaeb
	Botsula, O.V. , Prokhorov, E.D., Zaichenko, S.V., Pavlenko, L.I., Motornik, S.A.	Oscillation efficiency and frequency properties of intervalley-electron transfer GaN diodes (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6335933, pp. 171-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869815935&partnerID=40&md5=65008c8df3568c0d977daee408cf4d71
	Prokhorov, E.D., Botsula, O.V. , Klimenko, O.A.	Generation and frequency multiplication by GaAs-diodes with tunnel boundaries (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 71 (11), pp. 1045-1055.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865522719&doi=10.1615%2FtelecomRadEng.v71.i11.80&partnerID=40&md5=17b5aa96c05abf5b419de4a5ac0f71b9
	Prokhorov, E.D., Botsula, O.V. , Klymenko, O.A.	Efficiency of tunnel frame diodes generation allowing for electrons intervalley transfer in GaAs (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068922, pp. 257-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143635&partnerID=40&md5=d271ad76b9a4f614e070049634cbdd60
	Prokhorov, E.D., Botsula, O.V.	Negative differential conductivity of a tunnel side-boundary semiconductor diode (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (9), pp. 809-818.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960343540&doi=10.1615%2FtelecomRadEng.v70.i9.50&partnerID=40&md5=d34e22ec7abfb7cc5e3843967de9151f
	Prokhorov, E.D., Botsula, O.V.	NDC of diodes with tunnel and resonant-tunneling borders (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632567, pp. 218-219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650396151&partnerID=40&md5=64371ccda15dc3308925863e828b3895
	Botsula, O.V. , Prokhorov, E.D., Aidan, D.S., Aidan, I.A., Zabajzan, E.N.	Frequency dependences of NDC for nitride compound calculated by Monte-Carlo techniques (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632570, pp. 222-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650372234&partnerID=40&md5=a70754ba17b43c76fdd5874632ce1f7c
	Botsula, O.V. , Pavlenko, D.V., Prokhorov, E.D.	Harmonic generation and frequency multiplication caused by the impact ionization in GaN-diodes (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (15), pp. 1391-1400.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650778276&doi=10.1615%2FtelecomRadEng.v69.i15.60&partnerID=40&md5=e0032bec85671119f04f6c1b74a62ab0
	Prokhorov, E.D., Botsula, O.V.	Negative differential conductivity of semiconductor diode with resonance-tunnel border (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW2010, art. no. 5546144, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957338094&doi=10.1109%2FMSMW.2010.5546144&partnerID=40&md5=71e468950051c72254659b1fac774b94
	Prokhorov, E.D., Botsula, O.V.	Oscillation efficiency of transfer electrons nitrid diodes (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW2010, art. no. 5546141, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957335765&doi=10.1109%2FMSMW.2010.5546141&partnerID=40&md5=4dd79e0f79e3398c0b2a4e6400b5c3e7
	Prokhorov, E.D., Botsula, O.V.	Diode with cathode static domain as the source of HF-noise (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293211, pp. 93-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949146179&partnerID=40&md5=6f8e5b903132ee76969ca25c24c24522

	Prokhorov, E.D., Botsula, O.V. , Grischenko, I.A.	Frequency multiplication in TED diodes with impact ionization on InN, GaN, AlN (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293210, pp. 91-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949086158&partnerID=40&md5=cc50b77539ee939a990bd14a0d8d3dc
	Botsula, O.V. , Prokhorov, E.D., Storozhenko, I.P.	Resonant-tunneling cathode for a gunn diode (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (5), pp. 385-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67549144914&doi=10.1615/2fTelecomRadEng.v68.i5.20&partnerID=40&md5=c21731718ee12444222b4b11f5649bf3
	Botsula, O.V. , Pavlenko, D.V., Prokhorov, E.D., Vilnitsky, S.S.	Harmonic generation in transfer electron GaN diodes with impact ionization (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676309, pp. 109-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049187082&doi=10.1109/2fCRMICO.2008.4676309&partnerID=40&md5=6339c615341a1e53392d3ae702785979
	Storozhenko, I.P., Prokhorov, E.D., Botsula, O.V. , Arkusha, Yu.V.	Graded band gap diodes with static domain (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676323, pp. 141-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049156102&doi=10.1109/2fCRMICO.2008.4676323&partnerID=40&md5=6c61aed207bb86852d5bd98b698ad1a9
	Plaksiy, V.T., Arkhipov, A.V., Botsula, O.V. , Prokhorov, E.D., Dyadchenko, A.V., Chueshev, D.P., Shalae, V.A.	Detector of microwave radiation on the basis of Bi1-xSb x film (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676299, pp. 79-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049152328&doi=10.1109/2fCRMICO.2008.4676299&partnerID=40&md5=f452f9b2fab6b10e04618113cda122df
	Botsula, O.V. , Prokhorov, E.D., Storozhenko, I.P.	Oscillation efficiency of diodes with Al _{0.3} Ga _{0.7} As/GaAs cathode (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368648, pp. 111-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149115974&doi=10.1109/2fCRMICO.2007.4368648&partnerID=40&md5=8491daa8dceba49f51da8cace0d25209
	Storozhenko, I.P., Arkusha, Yu.V., Prokhorov, E.D., Botsula, O.V.	InP Gunn diodes with forward bias heterocathode (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368651, pp. 117-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149116351&doi=10.1109/2fCRMICO.2007.4368651&partnerID=40&md5=c8b3f2272fb968b9d19c4d96faa1461d
	Botsula, O.V. , Prokhorov, E.D., Storozhenko, I.P.	Oscillation efficiency of the diodes with the cathode Al _{0.3} Ga _{0.7} As/GaAs (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294758, pp. 629-631.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249155711&doi=10.1109/2fMSMW.2007.4294758&partnerID=40&md5=1d2cf67ab85e3d20bd829827c00d157f
	Storozhenko, I.P., Arkusha, Y.V., Botsula, O.V.	Variband transferred electron devices (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294749, pp. 602-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249087840&doi=10.1109/2fMSMW.2007.4294749&partnerID=40&md5=2ab36900ffa25c919da9e070d1859af
	Botsula, O.V. , Prokhorov, E.D., Suzdaltsev, A.V., Djadchenko, A.V.	AlN/AlxGa1-xN resonance-tunnel diodes (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294759, pp. 632-634.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249158144&doi=10.1109/2fMSMW.2007.4294759&partnerID=40&md5=4c36387dc86fd2475e6fa06e7e9f0825
	Botsula, O.V. , Prokhorov, E.D.	Two-level resonant-tunneling diodes with tunneling anodes (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 63 (10), pp. 903-912.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747048153&doi=10.1615/2fTelecomRadEng.v63.i10.60&partnerID=40&md5=84b6ea2f93436b1fb7e602cef856b5
	Botsula, O.V. , Prokhorov, E.D.	Resonance - Tunneling diode with the tunnel anode (RTDTA) (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 546-548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544289574&partnerID=40&md5=69ced1f38f0312acc80aa0ba0d102abc
	Botsula, O.V. , Prokhorov, E.D.	Impedance characteristics of diodes operating jointly and having negative differential conductivity (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 529-542.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249096898&doi=10.1615/2fTelecomRadEng.v61.i6.80&partnerID=40&md5=ccb19cde87bc63de5523fbc819a9717
	Prokhorov, E.D., Dyadchenko, A.V., Mishnyov, A.A., Botsula, O.V.	Generator of a arrange series operation of GaAs gunn-diodes (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CrMiCo'04, pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644388912&partnerID=40&md5=0d63340ce32502490197c125eb32f357
	Storozhenko, I.P., Prokhorov, E.D., Botsula, O.V.	Simulation of short Gunn diode with resonant-tunneling cathode (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 549-551.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544304113&partnerID=40&md5=42254a9e11cd2e959a8e6f9bbdc5b250
	Botsula, O.V. , Prokhorov, E.D.	Joint operation of two-level resonant tunnelling and gunn diodes (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (5-6), pp. 140-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249136793&doi=10.1615/2fTelecomRadEng.v60.i56.170&partnerID=40&md5=afa25c9806d394584eb2037a99c71ad9
	Botsula, O.V. , Prokhorov, E.D.	Tunnel n+-D-N + cathode for Gunn diode (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (7-8), pp. 107-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846547691&partnerID=40&md5=e19e20f4b2f1b98ca60ab62341479662
	Botsula, O.V. , Prokhorov, E.D.	Special features of a joint operation of the resonant-tunnel diode and Gunn diode (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (7-8), pp. 99-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846488583&partnerID=40&md5=e06c9854212999917784964c9ff4b121
	Botsula, O.V. , Medvedev, V.V., Prokhorov, E.D.	Application of resonance-tunnel diodes for frequency multiplication at millimeter wavelengths (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (1), pp. 62-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2804448284&partnerID=40&md5=4e2e52c8a89220b9474df0b9ad4a5f5
	Botsula, O.V. , Medvedev, V.V., Prokhorov, E.D.	Multiplication of frequency in the MM-wave range by using resonance-tunnel diodes (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947310, pp. 783-784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496665299&doi=10.1109/2fMSMW.2001.947310&partnerID=40&md5=a991f37bcec5f3a3254ca9c3d1f2257a
	Botsula, O.V. , Prokhorov, E.D.	Analysis of stochastic current oscillations in GaAs:Cr-based diodes (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (1), pp. 90-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032280776&partnerID=40&md5=62150af46e7c381d886b88905366d386
	Botsula, O.V. , Prokhorov, E.D.	Externally stimulated stochastic current oscillations in GaAs diodes (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (11-12), pp. 146-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751406024&partnerID=40&md5=a88d03b6dedc8c92a7ba8f82f46591f
	Botsula, O.V. , Medvedev, V.V., Prokhorov, E.D.	Power characteristics of an Al _{0.2} Ga _{0.8} As/GaAs/Al _{0.2} Ga _{0.8} As resonance tunnel diode-based oscillator (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (11-12), pp. 156-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751437196&partnerID=40&md5=f62714fb910ccf2ca5fd9ba5323db4e
71	Chernogor, L.F., Lazorenko, O.V.	Gravitational waves as the unique ultra-wideband process (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724148, pp. 47-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000658984&doi=10.1109/2fUWBUSIS.2016.7724148&partnerID=40&md5=662fd6a47b9ba2e0a84a6e10e345c4b6
	Chernogor, L.F., Lazorenko, O.V.	System spectral analysis of the ultra-wideband acoustic signal caused by the Chelyabinsk meteoroid (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724157, pp. 85-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000658063&doi=10.1109/2fUWBUSIS.2016.7724157&partnerID=40&md5=407b4092878fb42c5f0e50aa1fd7ef97
	Chernogor, L.F., Lazorenko, O.V. , Onishchenko, A.A.	New models of the fractal ultra-wideband signals (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724158, pp. 89-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000443556&doi=10.1109/2fUWBUSIS.2016.7724158&partnerID=40&md5=18090c398f9d13aa3067e54c8d77dc63
	Chernogor, L.F., Kravchenko, S.G., Lazorenko, O.V.	System spectral analysis of the fractal ultra-wideband signals (2015) Problems of Atomic Science and Technology, 98 (4), pp. 244-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941120396&partnerID=40&md5=79d798236d845e711332dc8ee126a861

Chernogor, L.F., Lazorenko, O.V. , Onishchenko, A.A.	Fractal analysis of the fractal ultra-wideband signals (2015) Problems of Atomic Science and Technology, 98 (4), pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941092125&partnerID=40&md5=6b2597acb25ea482a4acfb6f1aeca8c8
Chernogor, L.F., Lazorenko, O.V.	System spectral analysis of model ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379794, pp. 243-245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872248778&doi=10.1109%2FUWBUSIS.2012.6379794&partnerID=40&md5=6a25f1b4597946cb5a983954dc0b368
Chernogor, L.F., Lazorenko, O.V.	The modeling of ultra-wideband signals and processes (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379795, pp. 246-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872221768&doi=10.1109%2FUWBUSIS.2012.6379795&partnerID=40&md5=54d7d65af706c216eef2bd4e1748f62
Chernogor, L.F., Lazorenko, O.V.	Wigner analysis in problem of ultra-wideband signal detection with noise presents (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379808, pp. 288-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872233375&doi=10.1109%2FUWBUSIS.2012.6379808&partnerID=40&md5=b9127d942852dd495aa7ed21577333f7
Chernogor, L.F., Lazorenko, O.V.	Radar equation for ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379724, pp. 34-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872222942&doi=10.1109%2FUWBUSIS.2012.6379724&partnerID=40&md5=4af60fb063b3efb0f541c1c679c69f4a
Chernogor, L.F., Lazorenko, O.V. , Potapov, A.A.	Wavelet analysis of model fractal ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379809, pp. 291-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872239787&doi=10.1109%2FUWBUSIS.2012.6379809&partnerID=40&md5=e799875f55076845eef776110454291
Chernogor, L.F., Lazorenko, O.V. , Potapov, A.A.	Wavelet analysis of multi-fractal ultra-wideband processes in problems of geospace physics (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379796, pp. 249-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872252388&doi=10.1109%2FUWBUSIS.2012.6379796&partnerID=40&md5=fbdd73c935e15b29747e4c2bb90b7
Chernogor, L.F., Lazorenko, O.V.	Ultrawideband signals and processes (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609111, pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650117908&doi=10.1109%2FUWBUSIS.2010.5609111&partnerID=40&md5=23acde97d1371ea45212372952292ec4
Lazorenko, O.V.	New parameters relevant to the definition of ultra-wideband signals and processes (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (12), pp. 1081-1090.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350289397&doi=10.1615%2FTelecomRadEng.v68.i12.60&partnerID=40&md5=764f1b18a6e7178dbd1f1578b2a0e4c2
Lazorenko, O.V.	The use of atomic functions in the Choi-Williams analysis of ultrawideband signals (2009) Radioelectronics and Communications Systems, 52 (8), pp. 397-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349619162&doi=10.3103%2FIS0735272709080019&partnerID=40&md5=f7dd4c57e3ad2e7c2b9d71946ac3ad90
Lazorenko, O.V.	New parameters of the ultrawideband signals and processes (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669403, pp. 183-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649155903&doi=10.1109%2FUWBUS.2008.4669403&partnerID=40&md5=9f8e2b4c4e14c8e6b0ef752073d6cd5d
Lazorenko, O.V.	Atomic functions in Choi-Williams analysis of the ultrawideband signals (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669414, pp. 219-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649165564&doi=10.1109%2FUWBUS.2008.4669414&partnerID=40&md5=d03add387345a930976f77c0b96df8da
Chernogor, L.F., Lazorenko, O.V.	System spectral analysis of the ultrawideband signals (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669353, pp. 45-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649221593&doi=10.1109%2FUWBUS.2008.4669353&partnerID=40&md5=f6c7a02cddac4149b11750827ecf1de
Chernogor, L.F., Lazorenko, O.V. , Vishnivetskiy, O.V.	Choi-williams analysis of the non-linear ultrawideband signals (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669420, pp. 235-237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649221154&doi=10.1109%2FUWBUS.2008.4669420&partnerID=40&md5=90b84198586e73fa763190bea3823dc6
Chernogor, L.F., Lazorenko, O.V. , Lazorenko, S.V.	Wavelet analysis of the ultrawideband signals (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669412, pp. 210-212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649219465&doi=10.1109%2FUWBUS.2008.4669412&partnerID=40&md5=eeff39542f53afd68ad1ecd38346ed5d
Chernogor, L.F., Lazorenko, O.V.	System spectral analysis of the signals (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425158, pp. 205-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849112972&doi=10.1109%2FICATT.2007.4425158&partnerID=40&md5=93b0b99ac8f1079abf750e1cd62a68a6
Chernogor, L.F., Lazorenko, O.V. , Vishnivezky, O.V.	System spectral analysis of the non-linear ultrawideband signals (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294881, pp. 980-982.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249089116&doi=10.1109%2FMSMW.2007.4294881&partnerID=40&md5=6dee83941c9ddf304b8a51b017071085
Chernogor, L.F., Lazorenko, O.V. , Lazorenko, S.V.	Wavelet analysis of the signals with peculiarities (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294871, pp. 950-952.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249098549&doi=10.1109%2FMSMW.2007.4294871&partnerID=40&md5=17c328f821944ccc11034cf8465ed5
Chernogor, L.F., Kravchenko, V.F., Lazorenko, O.V.	Analytical Kravchenko-Rvachev wavelets based on the atomic functions (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294882, pp. 983-985.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249137819&doi=10.1109%2FMSMW.2007.4294882&partnerID=40&md5=31888db6fc3e1dd75882059988dc7118
Chernogor, L.F., Lazorenko, O.V. , Lazorenko, S.V., Vishnivetskiy, O.V.	Digital analysis of the non-linear ultra wideband processes (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425178, pp. 262-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849091677&doi=10.1109%2FICATT.2007.4425178&partnerID=40&md5=1b7f4c08336086e74e17f81d9d65f2e6
Kravchenko, V.F., Lazorenko, O.V. , Pustovoit, V.I.	Kravchenko-wigner transformation in nonlinear digital signal processing (2007) Doklady Physics, 52 (10), pp. 544-548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35649004450&doi=10.1134%2FIS1028335807100084&partnerID=40&md5=936d2213fed7537d6ff3ca1fd58ea63d
Kravchenko, V.F., Lazorenko, O.V. , Pustovoit, V.I., Chernogor, L.F.	Choi-Williams transform and atomic functions in digital signal processing (2007) Doklady Physics, 52 (4), pp. 207-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248230378&doi=10.1134%2FIS102833580704009X&partnerID=40&md5=754431a952b2566af3c8b55dfabd00eb
Kravchenko, V.F., Lazorenko, O.V. , Pustovoit, V.I., Chernogor, L.F.	A new class of fractal ultra-wideband signals (2007) Doklady Physics, 52 (3), pp. 129-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147136571&doi=10.1134%2FIS1028335807030019&partnerID=40&md5=b66a458e34aef212ba745994829b1fe7
Kravchenko, V.F., Lazorenko, O.V. , Pustovoit, V.I., Chernogor, L.F.	Wavelet analysis of the behavior of solitons in exchange and overtaking interactions (2007) Doklady Physics, 52 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846864657&doi=10.1134%2FIS10283358071001016&partnerID=40&md5=fc7b36d62bd41a403387f313d4e105a3
Lazorenko, O.V.	Ultrawideband signals and Choi-Williams transform (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099294, pp. 300-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249088880&doi=10.1109%2FUWBUS.2006.307236&partnerID=40&md5=01fca8282830e90cd44a44c24fd741
Chernogor, L.F., Lazorenko, O.V. , Vishnivetskiy, O.V.	Ultrawideband signals and Wigner transform (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099293, pp. 297-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249101408&doi=10.1109%2FUWBUS.2006.307235&partnerID=40&md5=e215d5b5be059036b5751c4803ac2a3
Chernogor, L.F., Kravchenko, V.F., Lazorenko, O.V.	Ultrawideband signals: Theory, simulation and digital processing (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099212, pp. 32-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249090765&doi=10.1109%2FUWBUS.2006.307154&partnerID=40&md5=f5c31f5944e3412b3fc9743b9342e07
Chernogor, L.F., Kravchenko, V.F., Lazorenko, O.V. , Lazorenko, S.V.	Application of wavelets and atomic functions for analysis of the ultrawideband signals (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099308, pp. 341-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249099025&doi=10.1109%2FUWBUS.2006.307250&partnerID=40&md5=941299e4412bb664c3382f36ede99bc3

	Kravchenko, V.F., Lazorenko, O.V. , Pustovoit, V.I., Chernogor, L.F.	Study of the structure of solutions to nonlinear wave equations based on continuous wavelet analysis (2006) Doklady Mathematics, 74 (2), pp. 767-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750536836&doi=10.1134/2FS1064562406050383&partnerID=40&md5=fb0b278d55247df2869b3c0d76ce9723
	Kravchenko, V.F., Lazorenko, O.V. , Pustovoit, V.I., Chernogor, L.F.	Wigner transformation in digital processing of signals (2006) Doklady Physics, 51 (9), pp. 461-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749019341&doi=10.1134/2FS1028335806090023&partnerID=40&md5=867e16408d29324c876ca121f08a1868
	Lazorenko, O.V. , Panusenko, S.V., Chernogor, L.F.	The adaptive Fourier transform (2005) Elektromagnitnye Volny i Elektronnyye Sistemy, 10 (10), pp. 39-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33244457487&partnerID=40&md5=7d26f1256360e2870b705605ff742c19
	Chernogor, L.F., Lazorenko, O.V.	Fractal ultra-wideband signals (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 118-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644370884&partnerID=40&md5=ddfce4530d7641f76de54ffb5d00d48
	Chernogor, L.F., Lazorenko, O.V.	Application of the wavelet analysis for detecting ultra-wideband signals in noise (2000) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 1, art. no. 888567, pp. 233-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951087122&doi=10.1109/2fMMET.2000.888567&partnerID=40&md5=a208124e78e35a2d042ab8c80d7d30ba
	Lazorenko, Oleg V.	Application of the wavelet transform to analysis of ultra-wideband processes (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, p. 621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230793&partnerID=40&md5=2a72a3b98ba5f6e83696d269c5cda171
	Chernogor, Leonid F., Lazorenko, Oleg V.	Radar equation for remote radio sounding of distributed targets with ultra-wideband radio signals (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 457-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230470&partnerID=40&md5=0594bafba0a1436e4c79ef2116a7d0df
	Lazorenko, O.V. , Chernogor, L.F.	Special features of distributed targets radar equation when employing superwide-band signals (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (4), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031294438&partnerID=40&md5=4428209760db10f21f79e894a1644ab1
	Lazorenko, O.V. , Chernogor, L.F.	Dispersive distortions of high-frequency, super wide-band radio signals in the interplanetary plasma (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (5), pp. 19-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044473438&partnerID=40&md5=45b602ed91397e1b8dcfe0225024ddbf
	Chernogor, Leonid F., Lazorenko, Oleg V.	Dispersive distortion of high-frequency ultrawideband signals propagating in near-to-earth space (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2248-2251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029726969&partnerID=40&md5=eb6a7fe020d55cd1ee9ccdc1c6bbdd03b
72	Gurin, O.V., Degtyarev, A.V. , Legenkiy, M.N., Maslov, V.A., Ryabykh, V.N., Senyuta, V.S., Topkov, A.N.	Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 7851440, pp. 235-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015289407&doi=10.1109/2fCAOL.2016.7851440&partnerID=40&md5=eb7cdae7aea357e237f446b801faef7
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Propagation and focusing of modes of dielectric resonators of terahertz range lasers (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (7), pp. 629-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941648042&doi=10.1615/2fTelecomRadEng.v74.i7.60&partnerID=40&md5=b08b1848801e9065b971d1007b96f70c
	Gurin, O.V., Degtyarev, A.V. , Legenkiy, M.N., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (20), pp. 1819-1830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918513385&partnerID=40&md5=8ff88ed988dca0d233782eaf4b3c1896
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N., Khardikov, V.V.	The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (14), pp. 1229-1239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906053308&doi=10.1615/2fTelecomRadEng.v73.i14.20&partnerID=40&md5=e433302827c07e9fd542759df4bce7a
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Propagation and focusing of modes of the dielectric resonator of terahertz laser (2014) Proceedings - 2014 International Conference Laser Optics, LO 2014, art. no. 6886325, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906979449&doi=10.1109/2fLO.2014.6886325&partnerID=40&md5=bca38b0ae764cd373d284e183c57b9d
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, art. no. 6622183, pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888606474&doi=10.1109/2fMSMW.2013.6622183&partnerID=40&md5=a81c8b055be670395d157b8a3966847
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N., Ruban, T.F.	Formation of a quasi-uniform output beam in the waveguide CO ₂ laser (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, art. no. 6657564, pp. 160-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893764949&doi=10.1109/2fCAOL.2013.6657564&partnerID=40&md5=c394a230c4c9ebc91a55f36fa114009
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Radiation characteristics of the metal waveguide resonator with a inclined mirror (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (14), pp. 1349-1359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883219791&doi=10.1615/2fTelecomRadEng.v72.i14.70&partnerID=40&md5=86be38997b390d770ce5a8de7bf3ea1e
	Vlasenko, S.A., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide CO ₂ laser with a quasi-homogeneous distribution of the output radiation intensity (2013) Quantum Electronics, 43 (5), pp. 472-476.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878878800&doi=10.1070/qfQE2013v04n05ABEH014988&partnerID=40&md5=f4280bbaae8a5ce5e3f793ea9867e683
	Gurin, O.V., Degtyarev, A.V. , Khardikov, V.V., Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, art. no. 6331253, pp. 312-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870788318&doi=10.1109/2fMMET.2012.6331253&partnerID=40&md5=ec788de10ed4a829ba9d72e722ba0dce
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Senyuta, V.S., Svich, V.A., Topkov, A.N.	Metallic waveguide cavity with a spherical mirror (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, art. no. 6145046, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857508373&doi=10.1109/2fLFNM.2011.6145046&partnerID=40&md5=54930f9f5d40df3dd5f2c864828ba00
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Transmission characteristics of metal circular waveguides in terahertz range (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069179, pp. 850-851.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142317&partnerID=40&md5=249e6d9205d770ffc064f08d32472722
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Senyuta, V.S., Topkov, A.N.	Transmission characteristics of circular metallic waveguides for terahertz radiation (2011) Quantum Electronics, 41 (9), pp. 853-857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054700792&doi=10.1070/qfQE2011v04n09ABEH014634&partnerID=40&md5=8dc7d0b73223485d24aa3f479b0c596d
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Calculation of transmitted characteristics for metal waveguides in terahertz range (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW2010, art. no. 5546044, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957347755&doi=10.1109/2fMSMW.2010.5546044&partnerID=40&md5=964cca2f1d2d47d5d86f617f3fe9aa8f
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Selection of the higher transverse modes of a waveguide quasi-optical resonator (2010) Quantum Electronics, 40 (1), pp. 68-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950360990&doi=10.1070/qfQE2010v04n01ABEH014142&partnerID=40&md5=fbd5fc0b6b02ce392b9887acb52784b3
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V., Topkov, A.N., Ruban, T.P.	Metal waveguide resonator with a tilted mirror (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL 2010, art. no. 5634222, pp. 169-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650335164&doi=10.1109/2fCAOL.2010.5634222&partnerID=40&md5=ebc15f5fc99b4d6e3f83a70dbd242443
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of quasi-homogeneous output oscillation in the waveguide metal rectangular resonator with a heterogeneous mirror (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (14), pp. 1285-1292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915733389&partnerID=40&md5=cc04d5a1e46cb5896b81b415140c71e3
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Selection of the high-order modes in the waveguide resonator by means a phase-shifting mirror (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, art. no. 4671990, pp. 297-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849091387&doi=10.1109/2fCAOL.2008.4671990&partnerID=40&md5=30c02ef78c75a238ae1b25592be87a1e

	Volodenko, A.V., Degtyarev, A.V. , Maslov, V.A., Ruban, T.F., Svich, V.A., Topkov, A.N.	Formation of a beam with a uniform intensity distribution of radiation in a waveguide rectangular resonator with a nonuniform mirror (2008) 2008 International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2008, art. no. 4670385, pp. 123-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649201638&doi=10.1109%2FIFNM.2008.4670385&partnerID=40&md5=26cdde0bab88183ad80fb93caa8392d
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of uniform field distributions in a quasi-optical waveguide resonator containing a spherical convex reflector (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (11), pp. 1013-1021.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149037026&doi=10.1615%2FtelecomRadEng.v66.i11.608&partnerID=40&md5=bb969bcd9614834101bd63b99749431a
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Waveguide quasi-optical resonator with the spherical convex reflector for formation of the uniform output beam (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294612, pp. 213-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249100310&doi=10.1109%2FMSMW.2007.4294612&partnerID=40&md5=7dd821cadcad40a6154f764adfb6754
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Selective excitation of the high-order modes in the waveguide quasi-optical resonator (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, art. no. 4294613, pp. 216-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249084778&doi=10.1109%2FMSMW.2007.4294613&partnerID=40&md5=7ec26a6f03a0c6684dc37f4e4f484b06
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of a non-Gaussian intensity profile in a waveguide quasi-optical resonator with an aspherical reflector (2007) Quantum Electronics, 37 (11), pp. 1065-1070.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39749108846&doi=10.1070%2FQE2007v037n11ABEH013595&partnerID=40&md5=682273d4313e2452d7dbda6b93ee744
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Formation of the uniform field in the waveguide quasi-optical resonator with the spherical convex reflector (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, art. no. 4018242, pp. 206-211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250831088&doi=10.1109%2FIFNM.2006.252023&partnerID=40&md5=f4367576f544505ae92b60da5b43422
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Transmission and self-imaging of submillimeter laser beams in rectangular metal waveguides (2006) Quantum Electronics, 36 (2), pp. 149-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646416523&doi=10.1070%2FQE2006v036n02ABEH013116&partnerID=40&md5=d22efc8d5f71811522ba7e72595c0e3
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N., Ruban, T.F.	Propagation of submillimeter laser beams along hollow oversized waveguides (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, art. no. 1553864, pp. 210-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483118&doi=10.1109%2FCAOL.2005.1553864&partnerID=40&md5=a2fac94f787150ce4a1c0a8d12855cb
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Kvantovaya Elektronika, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24044505319&partnerID=40&md5=04259715c89d3b678e20de4a1eda3d08
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Propagation of submillimeter laser beams in hollow waveguides (2005) Quantum Electronics, 35 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18944381444&doi=10.1070%2FQE2005v035n02ABEH002639&partnerID=40&md5=0e388e768390f589ba31782caf05ab50
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Transmission of submillimeter laser beams through metal rectangular waveguides (2004) Proceedings of LFNМ 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244467923&partnerID=40&md5=2e457efc3d0577c9b0170ed11f097ca0
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Transmission of submillimeter beams through oversized hollow waveguides (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 420-421.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644362315&partnerID=40&md5=3d9a801400f59caf50484c36b473252
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Transmission of laser beams through hollow metal waveguides (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 692-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544295377&partnerID=40&md5=4859cf7343f2c3509abb206bfc36d198
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Waveguide submillimeter laser with mode selector (2003) Proceedings of LFNМ 2003 - 5th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1246075, pp. 65-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946151937&doi=10.1109%2FIFNM.2003.1246075&partnerID=40&md5=31a5579461a5dff3b31e1d9f18895c205
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	A waveguide submillimeter laser with mode selector (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (11-12), pp. 108-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751169148&partnerID=40&md5=7c80eb90eaa04d3b84fe06791ea497c
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Quasi-optical laser resonator on the basis of a metal waveguide with coupling holes in mirrors (2002) Proceedings of LFNМ 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 1014112, pp. 72-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961877298&doi=10.1109%2FIFNM.2002.1014112&partnerID=40&md5=a0555c6940389cb2df97bcb9a700219
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Savich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser resonators containing wave-guide and open sections (2001) Kvantovaya Elektronika, 31 (4), pp. 346-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035766743&partnerID=40&md5=e395309a999fbc2f8c0e360ad320f4
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Selection of transverse modes in laser cavities containing waveguides and open parts (2001) Quantum Electronics, 31 (4), pp. 346-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035315736&doi=10.1070%2FQE2001v031n04ABEH001949&partnerID=40&md5=e6bcd6e1ade91f8c59356dc1c9443663
	Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Heterodyne interferometer on the basis of the ring submillimeter laser with bidirectional optical pumping (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, art. no. 947342, pp. 876-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966534395&doi=10.1109%2FMSMW.2001.947342&partnerID=40&md5=26982568d6f8ea5b31b97728bcbfcb4
	Tkachenko, V.M., Gurin, O.V., Degtyarev, A.V. , Maslov, V.A., Svich, V.A., Topkov, A.N.	Mode selection in laser resonators containing waveguide and open sections (2000) Proceedings of LFNМ 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, art. no. 854032, pp. 26-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960341439&doi=10.1109%2FIFNM.2000.854032&partnerID=40&md5=1d213acbf86c71317cac2f6b3d8fca7
	Gurin, O.V., Degtyarev, A.V. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Optimisation of a metal waveguide cavity for a submillimeter laser (1997) Kvantovaya Elektronika, 24 (1), p. 36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747585841&partnerID=40&md5=b7a493e91e741dab1d1364802f7ad033
	Gurin, O.V., Degtyarev, A.V. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Optimisation of a metal waveguide cavity for a submillimeter laser (1997) Quantum Electronics, 27 (1), pp. 31-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031501694&doi=10.1070%2FQE1997v027n01ABEH000800&partnerID=40&md5=ca35df8a4c87f888760fd2cdd28fb053
	Gurin, O.V., Degtyarev, A.V. , Svich, V.A., Tkachenko, V.M., Topkov, A.N.	Output coupling hole optimization of the waveguide submillimeter laser (1996) Conference on Lasers and Electro-Optics Europe - Technical Digest, p. 269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029765227&partnerID=40&md5=9be254027c4564eda7b599d0d8384177
73	Kazheva, O.N., Kravchenko, A.V. , Kosenko, I.D., Alexandrov, G.G., Chudak, D.M., Starodub, V.A., Lobanova, I.A., Bregadze, V.I., Buravov, L.I., Protasova, S.G., Dyachenko, O.A.	First hybrid radical-cation salts with halogen substituted iron bis(dicarbollide) anions - synthesis, structure, properties (2016) Journal of Organometallic Chemistry, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014742457&doi=10.1016%2Fj.jorganchem.2017.03.010&partnerID=40&md5=5b1259f7ea9708bbabd5a16ce23b2e64
	Kazheva, O.N., Kravchenko, A.V. , Aleksandrov, G.G., Kosenko, I.D., Lobanova, I.A., Bregadze, V.I., Chudak, D.M., Buravov, L.I., Protasova, S.G., Starodub, V.A., Dyachenko, O.A.	Synthesis, structure, and properties of a new bifunctional radical cation salt with ferracarborane anion: (BEDT-TTF)[2(8,8-Cl ₂ -3,3-Fe(1,2-C ₂ B ₉ H ₁₀)] ₂ (2016) Russian Chemical Bulletin, 65 (9), pp. 2195-2201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019032175&doi=10.1007%2Fs11721-016-1567-9&partnerID=40&md5=b07386a39fffc197dd43884833551023
	Golichenko, A.A., Kravchenko, A.V. , Omelchenko, I.V., Chudak, D.M., Starodub, V.A., Barszcz, B., Shtemenko, A.V.	Crystal structure of bis(ethylenedithio)tetrathiafulvalenium μ 2-acetato-bis[tribromodborhenate(III)] 1,1,2-trichloroethane hemisolvate (2016) Acta Crystallographica Section E: Crystallographic Communications, 72, pp. 712-715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969508924&doi=10.1107%2FIS2056989016006058&partnerID=40&md5=8b9677a51d740561aea065d71ad6b1b2

Kushch, I., Korenev, N., Kamarchuk, L., Pospelov, A., Kravchenko, A. , Bajenov, L., Kabulov, M., Amann, A., Kamarchuk, G.	On the importance of developing a new generation of breath tests for Helicobacter pylori detection (2015) Journal of Breath Research, 9 (4), art. no. 047111, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954137684&doi=10.1088%2f1752-7155%2f9%2f4%2f047111&partnerID=40&md5=ea960be69e4e8194fe77708dc0ee90a
Bregadze, V.I., Dyachenko, O.A., Kazheva, O.N., Kravchenko, A.V. , Sivaev, I.B., Starodub, V.A.	Tetrathiafulvalene-based radical cation salts with transition metal bis(dicarbolliide) anions (2015) CrystEngComm, 17 (26), pp. 4754-4767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934947725&doi=10.1039%2fc5ce00835b&partnerID=40&md5=2a437784e16668ccec693a713b73caff
Kazheva, O.N., Kravchenko, A.V. , Aleksandrov, G.G., Sivaev, I.B., Bregadze, V.I., Kosenko, I.D., Lobanova, I.A., Buravov, L.I., Starodub, V.A., D'Yachenko, O.A.	Syntheses, structures, and electroconductivity of bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and bis(methylenedithio)tetrathiafulvalene (BMDT-TTF) salts with cobalt 8,8'-dichloro-3,3'-bis(1,2-dicarbolliide) (2014) Russian Chemical Bulletin, 63 (6), pp. 1322-1329.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924266296&doi=10.1007%2f11172-014-0598-3&partnerID=40&md5=2ee7c423033eace65927353b929e240
Kravchenko, A.V. , Timofeev, S.V., Kazheva, O.N., Alexandrov, G.G., Sivaev, I.B., Bregadze, V.I., Starodub, V.A., Buravov, L.I., Dyachenko, O.A.	Molecular conductors with anti-7,7'-8,8'-bis(dithio)bis(7,8-dicarbaundecaborate) anion (2013) Inorganic Chemistry Communications, 33, pp. 109-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877667332&doi=10.1016%2fj.inoche.2013.04.012&partnerID=40&md5=6a1697f6f7fcb167b16a078b1eda48
Kazheva, O.N., Aleksandrov, G.G., Kravchenko, A.V. , Starodub, V.A., Lobanova, I.A., Kosenko, I.D., Sivaev, I.B., Bregadze, V.I., Buravov, L.I., Dyachenko, O.A.	New fulvalenium salts of cobalt bis(dicarbolliide): Crystal structures and electrical conductivities (2012) Crystals, 2 (1), pp. 43-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878308621&doi=10.3390%2fcrys20120043&partnerID=40&md5=3df409451a1cc32a83726dd4750db601
Kazheva, O.N., Alexandrov, G.G., Kravchenko, A.V. , Sivaev, I.B., Kosenko, I.D., Lobanova, I.A., Kajhaková, M., Buravov, L.I., Bregadze, V.I., Feher, A., Starodub, V.A., Dyachenko, O.A.	Synthesis, structure, electrical and magnetic properties of (BEDT-TTF) 2[3,3'-Fe(1,2-C2B9H11) 2] (2012) Inorganic Chemistry Communications, 15, pp. 106-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84655170013&doi=10.1016%2fj.inoche.2011.10.002&partnerID=40&md5=e10238d7fe40e03959ce1d534ff53136
Pyskhin, O., Kamarchuk, G., Yermenko, A., Kravchenko, A. , Pospelov, A., Alexandrov, Yu., Faulques, E.	Evidence for sensory effects of a 1D organic conductor under gas exposure (2011) Journal of Breath Research, 5 (1), art. no. 016005, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952540454&doi=10.1088%2f1752-7155%2f5%2f1%2f016005&partnerID=40&md5=d7c9d3d736d643760eb9bf803493a54c
Kazheva, O.N., Alexandrov, G.G., Kravchenko, A.V. , Kosenko, I.D., Lobanova, I.A., Sivaev, I.B., Filippov, O.A., Shubina, E.S., Bregadze, V.I., Starodub, V.A., Titov, L.V., Buravov, L.I., Dyachenko, O.A.	Molecular conductors with a 8-hydroxy cobalt Bis(dicarbolliide) anion (2011) Inorganic Chemistry, 50 (2), pp. 444-450.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651319143&doi=10.1021%2fci101168b&partnerID=40&md5=fa00d675d098047152517d277f127684
Barszcz, B., Graja, A., Ziolkovskiy, D.V., Starodub, V.A., Kravchenko, A.V.	Raman studies of TMTSF salt of cobalt bis(dicarbolliide) anion (2010) Journal of Molecular Structure, 976 (1-3), pp. 196-199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953717810&doi=10.1016%2fj.molstruc.2010.03.034&partnerID=40&md5=6d272777c88618527fb535706a484cae
Kazheva, O.N., Aleksandrov, G.G., Kravchenko, A.V. , Starodub, V.A., Zhihagareva, G.G., Sivaev, I.B., Bregadze, V.I., Buravov, L.I., Titov, L.V., D'Yachenko, O.A.	Synthesis, structures, and conductivities of salts (BEDT-TTF)[9,9, 2-3,3'-Co(1,2-C2B9H10)2] and (TTF)[9,9,12,12'-I4-3,3'-Co(1,2-C2B9H9)2] (2010) Russian Chemical Bulletin, 59 (6), pp. 1137-1144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650009822&doi=10.1007%2f11172-010-0216-y&partnerID=40&md5=fabdb9c5f35d957a1386c2bb729dccc83
Filippov, D.V., Kravchenko, A.V. , Ulitin, M.V., Ryazanov, M.A.	Acid-base properties of the active sites of the surface of a skeletal nickel and promoted skeletal Nickel Catalyst (2010) Russian Journal of Physical Chemistry A, 84 (3), pp. 395-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952645228&doi=10.1134%2fS003602441003009X&partnerID=40&md5=293ab8f9d94a3633dd0cc5f8468d78bf
Bregadze, V., Sivaev, I., Lobanova, I., Kazheva, O., Alexandrov, G., Kravchenko, A. , Starodub, V., Buravov, L., Titov, L., Dyachenko, O.	Synthesis, structure and electrical conductivity of fulvalenium salts of cobalt bis(dicarbolliide) anion and its derivatives (2010) Journal of Chemical Sciences, 122 (1), pp. 37-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-75449095650&partnerID=40&md5=c328abd70761a531da74a93fccc8f82f
Kravchenko, A.V. , Zalevskii, V.S.	A technique for normalizing the operation of biological wastewater treatment plants during the bulking of activated sludge (2009) Journal of Water Chemistry and Technology, 31 (5), pp. 334-340.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70450197658&doi=10.3103%2fS1063455X09050105&partnerID=40&md5=d391ad4b5596dd4c079a7aa9eef24235
Kazheva, O.N., Alexandrov, G.G., Kravchenko, A.V. , Starodub, V.A., Lobanova, I.A., Sivaev, I.B., Bregadze, V.I., Titov, L.V., Buravov, L.I., Dyachenko, O.A.	Molecular conductors with 8,8'-diido cobalt bis(dicarbolliide) anion (2009) Journal of Organometallic Chemistry, 694 (15), pp. 2336-2342.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-66149144368&doi=10.1016%2fj.jorganchem.2009.03.035&partnerID=40&md5=947cac2a41ff6d986cbcb01ae47edc71
Kazheva, O., Alexandrov, G., Kravchenko, A. , Starodub, V., Lobanova, I., Sivaev, I., Bregadze, V., Titov, L., Dyachenko, O.	New electroconducting radical cation salts based on BEDT-TTF with 8,8'-dibromo cobalt bis(dicarbolliide) anion (2008) CIMTEC 2008 - Proceedings of the 3rd International Conference on Smart Materials, Structures and Systems - Smart Materials and Micro/Nanosystems, 54, pp. 331-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62649145546&partnerID=40&md5=52f04fcddeb16a65f251e3a33cd30ae
Kazheva, O., Alexandrov, G., Kravchenko, A. , Starodub, V., Lobanova, I., Sivaev, I., Bregadze, V., Buravov, L., Dyachenko, O.	First molecular conductors with 8,8'-dibromo cobalt bis(dicarbolliide) anion (2008) Solid State Sciences, 10 (12), pp. 1734-1739.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56949088041&doi=10.1016%2fj.solidstatesciences.2008.03.016&partnerID=40&md5=1d2555d7ca24bc9bfedd8b140e1119c4
Kazheva, O.N., Alexandrov, G.G., Kravchenko, A.V. , Starodub, V.A., Sivaev, I.B., Lobanova, I.A., Bregadze, V.I., Buravov, L.I., Dyachenko, O.A.	New fulvalenium salts of bis(dicarbolliide) cobalt and iron: Synthesis, crystal structure and electrical conductivity (2007) Journal of Organometallic Chemistry, 692 (22), pp. 5033-5043.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548800707&doi=10.1016%2fj.jorganchem.2007.07.034&partnerID=40&md5=537f9c257f52cd1c593004dea0dae40
Kazheva, O.N., Chekhlov, A.N., Alexandrov, G.G., Buravov, L.I., Kravchenko, A.V. , Starodub, V.A., Sivaev, I.B., Bregadze, V.I., Dyachenko, O.A.	Synthesis, structure and electrical conductivity of fulvalenium salts of cobalt bis(dicarbolliide) anion (2006) Journal of Organometallic Chemistry, 691 (20), pp. 4225-4233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747873914&doi=10.1016%2fj.jorganchem.2006.06.027&partnerID=40&md5=e2c9b88cd07d0ba984f4df0e518e997f
Kazheva, O.N., Alexandrov, G.G., Dyachenko, O.A., Zinenko, T.N., Kravchenko, A.V. , Starodub, V.A., Khotkevich, A.V.	Conductive complexes of [Ni(dmid)2] with TTF, TMTTF, and et (2006) Synthetic Metals, 156 (2-4), pp. 251-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33344454636&doi=10.1016%2fj.synthmet.2005.12.002&partnerID=40&md5=741cee2c400eb895dfbf23637376e1
Starodub, V., Kravchenko, A. , Bondarenko, V., Kazachkov, A.	The organic metals based on a new hydrogen-free fulvalene-C 6S12 (2005) Molecular Crystals and Liquid Crystals, 427, pp. 263/575-270/582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27944440013&doi=10.1080%2f15421400590892343&partnerID=40&md5=6f7df5c4a2c743ad687ecac759a54cde
Kamarchuk, G.V., Pospyselov, O.R., Alexandrov, Y.L., Yermenko, A.V., Kravchenko, A.V. , Kushch, E.G., Kamarchuk, L.V., Faulques, E.	TCNQ derivatives-based sensors for breath gas analysis (2005) Breath Analysis for Clinical Diagnosis and Therapeutic Monitoring, pp. 85-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84967389261&doi=10.1142%2f9789812701954_0007&partnerID=40&md5=a92702c221e204172556c0f8e8d89243
Kravchenko, A.V. , Berlizova, S.A., Nesterenko, A.F., Kublanovskii, V.S.	On the change in properties of water subjected to low-temperature plasma electrolysis (2004) High Energy Chemistry, 38 (5), pp. 333-337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544324198&doi=10.1023%2fB93aHIEC.0000041345.07168.f&partnerID=40&md5=e226849d2e4214a8835057411c13ba10
Kravchenko, A.V. , Kublanovskij, V.S.	Use of low-temperature glow-discharge electrolysis for wastewater purification (2003) Elektronnaya Obrabotka Materialov, (3), pp. 70-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141683942&partnerID=40&md5=78053e85c2f8608b764519e168865c85

	Kravchenko, A.V. , Berlizova, S.A., Nesterenko, A.F., Kublanovskij, V.S.	Stability of microorganisms under the action of luminescent electrolysis in the film regime of liquid flow (2003) <i>Khimiya i Tekhnologiya Vody</i> , 25 (3), pp. 236-241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042195793&partnerID=40&md5=9c428457339f8c1fee3c04bf78be4508
	Lapiński, A., Starodub, V., Golub, M., Kravchenko, A. , Baumer, V., Faulques, E., Graja, A.	Characterization and spectral properties of the new organic metal (BEDT-TTF)6(Mo8O26)(DMF)3 (2003) <i>Synthetic Metals</i> , 138 (3), pp. 483-489.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038069327&doi=10.1016%2F0379-6779%2802%2900465-4&partnerID=40&md5=15882659cedbc214232cfac711c45a3b
	Pospelov, A.P., Ved, M.V., Sakhnenko, N.D., Alexandrov, Y.L., Shtefan, V.V., Kravchenko, A.V. , Kamarchuk, G.V.	High-conductivity organic metals as electrode materials (2002) <i>Materials Science- Poland</i> , 20 (3), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52649175873&partnerID=40&md5=04f0ba4f3f24a7c081e11f1109c8225a
	Kravchenko, A.V. , Rudnitskii, A.G., Nesterenko, A.F., Kublanovskij, V.S.	Purification of wastewater containing color developers and silver ions under conditions of low-temperature plasma electrolysis (2002) <i>Russian Journal of Applied Chemistry</i> , 75 (8), pp. 1265-1268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842580091&doi=10.1023%2Fa%3a1020952725724&partnerID=40&md5=055d8f34cc7a3fed7d03572e2994b9c
	Kamarchyk, G.V., Khotkevich, A.V., Bagatsky, V.M., Kravchenko, A.V.	Point contact spectroscopy of organic conducting compounds [(C2H5)4N]0.5[Ni(dmit)2] and (BEDT-TTF)2I3 (1998) <i>Fizika Nizkikh Temperatur (Kharkov)</i> , 24 (1), p. 57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342965996&partnerID=40&md5=9564345b3659e4fc3b38955c22ddb8cd
	Kamarchuk, G.V., Khotkevich, A.V., Bagatskii, V.M., Kravchenko, A.V.	Point-contact spectroscopy of organic conductors [(C2H5)4N]0.5[Ni(dmit)2] and (BEDT-TTF)2I3 (1998) <i>Low Temperature Physics</i> , 24 (1), pp. 40-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844502524&partnerID=40&md5=d433c7fcbc8c32c56691b4e8a7c0d6f
	Kamarchyk, G.V., Khotkevich, A.V., Bagatsky, V.M., Kravchenko, A.V.	Point contact spectroscopy of organic conducting compounds [(C2H5)4N]0.5[Ni(dmit)2] and (BEDT-TTF)2I3 (1998) <i>Fizika Nizkikh Temperatur (Kharkov)</i> , 24 (1), pp. 53-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031699279&partnerID=40&md5=f6bb5c7297ef2004ffac576bbf5d13f6
	Kublanovskij, V.S., Kravchenko, A.V. , Nesterenko, A.F., Udod, Ya.V., Tsarenko, V.V., Shcherbina, N.I., Shirokov, L.V., Gulín, B.M.	Extraction of the trans-uranium elements by luminescence electrolysis using flow reactor (1997) <i>Khimiya i Tekhnologiya Vody</i> , 19 (4), pp. 344-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031184982&partnerID=40&md5=fae0270eab33dccc67a39336e2a7f9b5
	Kravchenko, A.V. , Barskij, V.D., Rudnitskij, A.G., Podgorniy, O.A., Tsarenko, V.V., Nesterenko, A.F., Kublanovskij, V.S.	Luminescence electrolysis of water containing heavy metal ions (1997) <i>Khimiya i Tekhnologiya Vody</i> , 19 (2), pp. 196-202.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031084150&partnerID=40&md5=33e69117bfbd1a85eaae3e65f5f50958
	Kravchenko, A.V. , Podgorniy, O.A., Tsarenko, V.V., Nesterenko, A.F., Rakhmanin, Yu.A., Kublanovskij, V.S.	Physicochemical composition and organoleptic characteristics of glow discharge treated water (1997) <i>Khimiya i Tekhnologiya Vody</i> , 19 (1), pp. 102-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030712732&partnerID=40&md5=df63098d6ef4763297d783ef6470aaf1
	Kravchenko, A.V. , Podgorniy, O.A., Tsarenko, V.V., Nesterenko, A.F., Rakhmanin, Yu.A., Kublanovskij, V.S.	The effect of glow discharge on the decay of coliphages and viruses in drinking water (1996) <i>Khimiya i Tekhnologiya Vody</i> , 18 (4), pp. 430-435.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030180897&partnerID=40&md5=76addbf52b3d4ac2be59645f12409bf
	Kravchenko, A.V. , Tsarenko, V.V., Nesterenko, A.F., Kublanovskij, V.S.	Use of luminescent electrolysis for decontamination of liquid radioactive media (1996) <i>Russian Journal of Applied Chemistry</i> , 69 (1), pp. 48-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29344472128&partnerID=40&md5=7baab87f4cd29d3bcaa91ac3236854f5f
	Kravchenko, A.V. , Podgorniy, O.A., Tsarenko, V.V., Nesterenko, A.F., Rakhmanin, Yu.A., Kublanovskij, V.S.	Antimicrobial effect of glow discharge on pathogenic, arbitrarily pathogenic and indicator bacteria in water (1995) <i>Khimiya i Tekhnologiya Vody</i> , 17 (5), pp. 549-553.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029361687&partnerID=40&md5=0837c946d49efa1b264f88b6901ebee5
	Kravchenko, A.V. , Rudnitskij, A.G., Nesterenko, A.F., Kublanovskij, V.S.	Decomposition of synthanol DC-10 using energy transfer reactions (1994) <i>Ukrainskij Khimicheskij Zhurnal</i> , 61 (11), pp. 749-752.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028536024&partnerID=40&md5=156ace35e2e7937c23261d84252f8fcd
	Bakhtiyarov, N.G., Burykina, V.S., Kravchenko, A.V. , Nesterenko, A.F.	Organic ion-active surfactants ψ -effect influence on metal ion discharge (1994) <i>Ukrainskij Khimicheskij Zhurnal</i> , 61 (9-10), pp. 634-638.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028505560&partnerID=40&md5=be38e4998031b8eb84f053601387e01f
74	Marchenko, I.G. , Marchenko, I.I.	Formation of copper clusters on the surface of a xenon buffer layer (2014) <i>Journal of Physics: Conference Series</i> , 514 (1), art. no. 012057, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902184191&doi=10.1088%2F1742-6596%2F514%2F1%2F012057&partnerID=40&md5=1c53a34a2fabbd6d28d30b61388b14b
	Guglya, A.G., Marchenko, I.G.	Ion beam-assisted deposition technology as a method of nanocrystalline coating formation (2014) <i>Problems of Atomic Science and Technology</i> , 90 (2), pp. 125-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898876454&partnerID=40&md5=22911d9dc9a1b822e7245114b597216d
	Marchenko, I.G. , Marchenko, I.I.	Abnormal surface diffusion of particles under the action of an external time-periodic force (2014) <i>Journal of Physics: Conference Series</i> , 514 (1), art. no. 012045, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902161785&doi=10.1088%2F1742-6596%2F514%2F1%2F012045&partnerID=40&md5=bdfd2132940ff92d0447211f4503b233
	Marchenko, I.G. , Marchenko, I.I., Zhiglo, A.V.	Particle transport in space-periodic potentials in underdamped systems (2014) <i>European Physical Journal B</i> , 87 (1), art. no. 10, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892554119&doi=10.1140%2Fepjb%2F2013-40866-7&partnerID=40&md5=a1325f47d32155549c9d0c2db86fd392
	Marchenko, I.G. , Marchenko, I.I.	Diffusion in the systems with low dissipation: Exponential growth with temperature drop (2012) <i>EPL</i> , 100 (5), .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871406981&doi=10.1209%2F0295-5075%2F100%2F50005&partnerID=40&md5=001b8cafd3361d1457f7b37b87775475
	Marchenko, I.G. , Marchenko, I.I.	Anomalous temperature dependence of diffusion in crystals in time-periodic external fields (2012) <i>JETP Letters</i> , 95 (3), pp. 137-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859869941&doi=10.1134%2FIS0021364012030083&partnerID=40&md5=5a42d440c00c1c2cbdb002149ae3d65a
	Marchenko, I.G. , Zhdanovich, N.E.	Technological features of irradiation of Si p+-n-n+ diodes with electrons at elevated temperatures (2011) <i>Semiconductors</i> , 45 (11), pp. 1489-1493.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80855141672&doi=10.1134%2FS1063782611110182&partnerID=40&md5=7b722c8e20b43ecbb0fca00cc16722d
	Marchenko, I.G. , Zhdanovich, N.E.	Specific features of technology of electron irradiation of large-area p-n silicon structures (2011) <i>Technical Physics Letters</i> , 37 (9), pp. 801-804.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053176623&doi=10.1134%2FS1063785011090136&partnerID=40&md5=04bea7f7b381f4f3f3a438f3fb0397ae
	Marchenko, I.G. , Marchenko, I.I.	A role of dislocation-induced coalescence in the formation of a cluster structure in deposited films (2011) <i>Surface Science</i> , 605 (13-14), pp. 1157-1164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957823406&doi=10.1016%2Fj.susc.2011.03.018&partnerID=40&md5=e4cd563347e9d1eb71e5fab098f9620b
	Bryk, V.V., Vasilenko, R.L., Goncharov, A.V., Grogorova, T.K., Guglya, A.G., Kolobrodov, V.G., Litvinenko, M.L., Marchenko, I.G. , Melnikova, E.S., Sassa, I.V., Nikitenko, Y.V., Khaidukov, Y.N., Volkov, V.V., Chaboussant, G.	Formation mechanism, structure and adsorption characteristics of microporous nanocrystalline thin-film (V, Ti)-N-He composites (2011) <i>Journal of Surface Investigation</i> , 5 (3), pp. 566-574.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959576961&doi=10.1134%2FS1027451011060061&partnerID=40&md5=8570c4af03da0545cedb51dddb5ee3
	Marchenko, I.G. , Marchenko, I.I.	Role of dislocation-induced coalescence in formation of cluster structure in deposited films (2011) <i>Metallfizika i Noveishie Tekhnologii</i> , 33 (4), pp. 501-518.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80055078626&partnerID=40&md5=c4385f1b3e4a393f3bdd214922eff06b
	Bryk, V., Guglya, A., Litvinenko, M., Marchenko, I. , Melnikova, E., Sassa, I., Vasilenko, R.	Mechanisms of nanoporous VN-Ar/He structure formation under high-energy ion bombardment (2011) <i>Radiation Effects and Defects in Solids</i> , 166 (4), pp. 282-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952673325&doi=10.1080%2F10420150.2010.538928&partnerID=40&md5=48e581116a6993f2c8f0bc227d09f9b6
	Marchenko, I.G. , Zhdanovich, N.E.	Effect of electron irradiation attenuated by aluminum screens on the electrical parameters of p-n silicon structures (2010) <i>Technical Physics Letters</i> , 36 (5), pp. 464-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953380162&doi=10.1134%2FS1063785010050226&partnerID=40&md5=2f47c9ad7a0c1fcb4d42e7c61fab8c30
	Borts, B.V., Marchenko, I.G. , Bezdverniy, P.N.	Simulation of electron transport through the stratified composited material (2009) <i>Problems of Atomic Science and Technology</i> , (4), pp. 175-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865313246&partnerID=40&md5=4b9a326181c398712039f5c9ff988c5fc

	Marchenko, I.G. , Marchenko, I.I.	Nondiffusion atomic ordering in the low-temperature deposition of copper (2009) JETP Letters, 89 (7), pp. 337-341.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67249139746&doi=10.1134%2F5002136400970066&partnerID=40&md5=530744eeef38be9ca5e26428ac2c4a3a
	Korshunov, F.P., Marchenko, I.G. , Zhdanovich, N.E., Gurin, P.M.	Effect of electron irradiation on characteristics of Mo Schottky barriers on epitaxial silicon (2009) Vacuum, 83 (SUPPL.1), pp. S134-S136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349278816&doi=10.1016%2Fj.vacuum.2009.01.045&partnerID=40&md5=8825d3c323706463c4e1d794bc948306
	Marchenko, I.G. , Neklyudov, I.M.	Formation of a nanostructure of films of copper at the low-temperature thermal deposition (2008) Metallofizika i Noveishie Tekhnologii, 30 (10), pp. 1325-1338.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63549096565&partnerID=40&md5=618b047cb1519643070d9374b9e011a4
	Marchenko, I.G. , Neklyudov, I.M.	Film nanostructure formation during low-temperature PVD deposition using partially ionized atomic fluxes (2008) Journal of Physics: Conference Series, 113 (1), art. no. 012014, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649182785&doi=10.1088%2F1742-6596%2F113%2F1%2F012014&partnerID=40&md5=6ec1db245be26fc25961ba9ac5feb79f
	Marchenko, I.G.	Computer simulation of the formation of niobium film nanostructure by low-temperature deposition (2007) Vacuum, 81 (5), pp. 700-707.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845229175&doi=10.1016%2Fj.vacuum.2006.09.011&partnerID=40&md5=14bfcc66a07a7718d8b1ce177033788
	Marchenko, I.G. , Neklyudov, I.M.	Study of the mobility of small copper clusters on a xenon buffer layer at temperatures of 30-70 K (2006) Low Temperature Physics, 32 (10), art. no. 012610LTP, pp. 957-960.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751269356&doi=10.1063%2F1.2364488&partnerID=40&md5=1fc89bf4e31263a6bf0cc1079ac147d
	Marchenko, I.G.	Physical mechanisms of influence of ions on formations of a microstructure of films at low-temperature atomic-ionic deposition (2006) Metallofizika i Noveishie Tekhnologii, 28 (11), pp. 1431-1432.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947148655&partnerID=40&md5=8b4ca96b840b2f953b34da32dc5a0a2b
	Marchenko, I.G. , Neklyudov, I.M.	Investigation of small copper cluster mobility on the buffer Xe layer at temperatures from 30 to 70 K (2006) Fizika Nizkikh Temperatur (Kharkov), 32 (10), pp. 1262-1266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749672927&partnerID=40&md5=0ba6b14b597ac26f4a2afa5aa4f4e317
	Marchenko, I.G.	Mechanisms of formation of a microstructure of films of refractory metals at low-temperature deposition of atoms (2006) Metallofizika i Noveishie Tekhnologii, 28 (4), pp. 481-493.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746432120&partnerID=40&md5=8cd9d546a2adfa1015b818ac22fcb33e
	Korshunov, F.P., Zhdanovich, N.E., Karas, V.I., Marchenko, I.G.	High-temperature annealing of electron-irradiated high-voltage diode structures on neutron transmutation-doped Si (2005) Vacuum, 78 (2-4), pp. 211-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444403760&doi=10.1016%2Fj.vacuum.2005.01.028&partnerID=40&md5=53c28779bce2c34432afe5f115ace68
	Goncharov, A.V., Guglya, A.G., Marchenko, I.G. , Neklyudov, I.M.	Investigation of nitrogen distribution in samples produced by ion-induced deposition of Cr films on aluminum under nitrogen ions bombardment (2004) Vacuum, 76 (2-3), pp. 299-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7044251852&doi=10.1016%2Fj.vacuum.2004.07.051&partnerID=40&md5=6ceec0eed2d540753b7553202926169
	Guglya, A., Marchenko, I. , Neklyudov, I.	Chromium film deposition stimulated by nitrogen ion implantation with energies up to 30 keV (2003) Surface and Coatings Technology, 174-175, pp. 1248-1252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144438600&doi=10.1016%2F50257-8972%2803%2900605-4&partnerID=40&md5=1a7b128873e3b8f8497d2817d9053046
	Safonov, V.I., Marchenko, I.G. , Kartmazov, G.N., Neklyudov, I.M., Dikiy, N.I.	High dose low temperature Ti and Al implantation in metals (2003) Surface and Coatings Technology, 174-175, pp. 1260-1263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144445218&doi=10.1016%2F50257-8972%2803%2900684-4&partnerID=40&md5=859f66117bc30db163e5aa7c4057ed10
	Korshunov, F.P., Zhdanovich, N.E., Marchenko, I.G. , Karas, V.I., Troshchinskii, V.T.	Study of the recombination properties of thermostable radiation defects in p-n structures manufactured in high resistivity neutron transmutation-doped silicon (2003) User Modeling and User-Adapted Interaction, 70 (2-3), pp. 193-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12244256809&doi=10.1016%2F50042-207X%2802%2900641-3&partnerID=40&md5=c9365fc006adaf6137f46e8e6314b4d
	Bendikov, V.I., Guglya, A.G., Marchenko, I.G. , Malykhin, D.G., Neklyudov, I.M.	Mechanisms of forming the Cr-N composite in the unsteady-state stage of ion beam-assisted deposition process (2003) User Modeling and User-Adapted Interaction, 70 (2-3), pp. 331-337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12244265515&doi=10.1016%2F50042-207X%2802%2900666-8&partnerID=40&md5=ec9c7309aa4d22aa5d4d1fc53bb6cce
	Guglya, A.G., Marchenko, I.G. , Malykhin, D.G., Neklyudov, I.M.	Production of Cr-N films by ion beam-assisted deposition technology: Experiment and computer simulation (2003) Surface and Coatings Technology, 163-164, pp. 286-292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037472615&doi=10.1016%2F50257-8972%2802%2900614-X&partnerID=40&md5=d71b6dce0ca5c96532b292b0e12518a
	Safonov, V.I., Marchenko, I.G.	Ti and Al layers formation during low energy ion-plasma treatment of copper (2002) Surface and Coatings Technology, 158-159, pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036396003&doi=10.1016%2F50257-8972%2802%2900228-1&partnerID=40&md5=df1b1818c4c5b2a4e36e88d15fec0bad
	Neklyudov, I.M., Sleptsov, A.N., Sleptsov, S.N., Marchenko, I.G. , Pokhodiyashchii, V.I., Reznichenko, A.E.	Interactions of Sc, Pr, Y, and Ti solutes with vacancies and interstitials in electron-irradiated dilute Ni-based alloys (1997) Metal Physics and Advanced Technologies, 16 (7), pp. 781-798.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030661152&partnerID=40&md5=09e63bd3a51971e4c16f8f7f24c94bd
	Bakai, A.S., Sleptsov, S.N., Zhukov, A.I., Marchenko, I.G. , Sleptsov, A.N.	Mathematical modeling of the densification of niobium film deposited from self-ion-atomic fluxes (1996) Metal Physics and Advanced Technologies, 15 (12), pp. 1329-1342.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030382214&partnerID=40&md5=b2a015f6a984f05b3c849d538959765
	Bakaj, A.S., Sleptsov, S.N., Zhukov, A.I., Marchenko, I.G. , Sleptsov, A.N., Reznichenko, A.E.	Low-temperature chromium-film densification induced by argon and chromium ions bombardment (1996) Metallofizika i Noveishie Tekhnologii, 18 (1), pp. 62-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-584240665&partnerID=40&md5=21b4f5cebedd4c165f8dc7131f881c8
	Bakai, A.S., Sleptsov, S.N., Zhukov, A.I., Marchenko, I.G. , Sleptsov, A.N., Reznichenko, A.E.	Low-temperature densification of chromium films induced by bombardment with argon and chromium ions (1996) Metal Physics and Advanced Technologies, 16 (1), pp. 99-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030298934&partnerID=40&md5=22cedb0cc02cfd9f6f2142a846af2fc
	Neklyudov, I.M., Sleptsov, A.N., Sleptsov, S.N., Marchenko, I.G. , Pokhodiyashchii, V.I., Reznichenko, A.Eh.	Interactions of Sc, Pr, Y, and Ti solutes with vacancies and interstitials in electron irradiated dilute Ni-based alloys (1996) Metallofizika i Noveishie Tekhnologii, 18 (7), pp. X11-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342892505&partnerID=40&md5=148905ab2ac2e2159bf1e20e88fcc715
	Sleptsov, S.N., Neklyudov, I.M., Marchenko, I.G. , Polyakov, Ju.I., Sleptsov, A.N., Kartmazov, G.N.	Structural and phase state of the Cr-C thick condensates prepared by ion-atomic sputtering (1995) Fizika i Khimiya Obrabotki Materialov, (6), pp. 36-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029407766&partnerID=40&md5=3b1656bf81f818b858672e2f3e515033
	Marchenko, I.G.	The effect of radiation defects on the differential resistance of p-n junctions during avalanche breakdown (1989) physica status solidi (a), 115 (1), pp. K39-K41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024738107&doi=10.1002%2Fpspa.2211150149&partnerID=40&md5=016848659bda949d600da3d5688710f8
	Korshunov, F.P., Marchenko, I.G. , Troshchinskii, V.T.	Peculiarities of Minority Carrier Lifetime Variations in p-n-p-n Structures Fabricated upon Neutron-Transmutation Doped Silicon and Irradiated by Fast Electrons (1986) physica status solidi (a), 98 (1), pp. K39-K42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022808283&doi=10.1002%2Fpspa.2210980146&partnerID=40&md5=590c8f3fb884fb4681c8b9be69ea0ca87
	Korshunov, F.P., Marchenko, I.G. , Troshchinskii, V.T.	Variation of Switching Time of Silicon p-n-p-n Structures Irradiated by Fast Electrons (1985) physica status solidi (a), 89 (2), pp. K227-K230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022084635&doi=10.1002%2Fpspa.2210890260&partnerID=40&md5=c89eb01616cd2448dcd21872fc5de805
	Korshunov, F.P., Marchenko, I.G.	INFLUENCE OF ELECTRON IRRADIATION AT VARIOUS TEMPERATURES ON THE MINORITY CARRIER LIFETIME IN EPITAXIAL SILICON p-n STRUCTURES. (1983) Soviet physics. Semiconductors, 17 (3), pp. 340-341.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020724107&partnerID=40&md5=94df697f955c70a25cb8f504132e9db8e
75	Gretskih, D.V., Gomozov, A.V., Katrich, V.A., Luchaninov, A.I., Nesterenko, M.V. , Penkin, Y.M.	Mathematical model of large rectenna arrays for wireless energy transfer (2017) Progress In Electromagnetics Research B, 74 (1), pp. 77-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018468305&partnerID=40&md5=2def52019e9963a6acb8f526a34ec4c4
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Penkin, Yu.M., Pshenichnaya, S.V.	Yagi-Uda antennas with impedance wires (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7544035, pp. 403-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984976216&doi=10.1109%2FMMET.2016.7544035&partnerID=40&md5=5597096d849417adaf76405ac08acee9

	Nesterenko, M.V. , Katrich, V.A., Yatsuk, L.P., Blinova, N.K., Penkin, Y.M., Dakhov, V.M.	Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7543971, pp. 388-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984973594&doi=10.1109%2FMMET.2016.7543971&partnerID=40&md5=1bfb84d3033708d6cad60e1adcc2704
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Penkin, Y.M.	Electromagnetic waves radiation by a vibrators system with variable surface impedance (2016) Progress In Electromagnetics Research M, 51, pp. 157-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994779332&doi=10.2528%2FIERM16091605&partnerID=40&md5=574116307dc8d4e0ab68a7e17d6d4c84
	Penkin, Y.M., Katrich, V.A., Nesterenko, M.V.	Development of fundamental theory of thin impedance vibrators (2016) Progress In Electromagnetics Research M, 45, pp. 185-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954552656&partnerID=40&md5=457d1726609ea770f4e45a8bd8b3796d
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Penkin, Y.M., Pshenichnaya, S.V.	Clavin element with impedance monopoles (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324253, pp. 61-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959218831&doi=10.1109%2FDIPED.2015.7324253&partnerID=40&md5=c135a267f8d9e9710e6bc907b7271eaf6
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Penkin, Yu.M.	Waveguide E-plane T-junction with resonance coupling between shoulders (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136866, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939430223&doi=10.1109%2FICATT.2015.7136866&partnerID=40&md5=43784c6e1719a598ea798b2c99cb2f95
	Berdnik, S.L., Vasylykovskiy, V.S., Nesterenko, M.V. , Penkin, Yu.M.	Radiation fields of the spherical slot antenna in a material medium (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136857, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939445237&doi=10.1109%2FICATT.2015.7136857&partnerID=40&md5=c0bc702a2dd1002eb85cfd9643747286
	Penkin, D.Y., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V. , Dakhov, V.M., Berdnik, S.L.	Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere (2015) Progress In Electromagnetics Research B, 62 (1), pp. 137-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930668941&doi=10.2528%2FIERB14120102&partnerID=40&md5=ba7becf649c348bb76a9e38a81154451
	Berdnik, S.L., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V. , Pshenichnaya, S.V.	Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere (2013) Progress In Electromagnetics Research M, 34, pp. 89-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891046231&partnerID=40&md5=94a4fc0ccadd84f7255a2e191f85e9b1
	Berdnik, S.L., Penkin, Yu.M., Katrich, V.A., Nesterenko, M.V. , Pshenichnaya, S.V.	Resonant slot spherical antenna (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652977, pp. 610-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891067479&partnerID=40&md5=e01a4e8b1db40158871cd08d01fbf965
	Penkin, D.Yu., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Kijko, V.I.	Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653024, pp. 708-709.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891076715&partnerID=40&md5=ee20a643efdd83dde4c68ee3c5f881e
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Penkin, Y.M.	Spherical antenna excited by a slot in an impedance end-wall of a rectangular waveguide (2013) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6653843, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891596115&partnerID=40&md5=f7e3a866c1013a7226a14a7484af53ca
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Pshenichnaya, S.V.	Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide (2013) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6653827, pp. 45-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891617203&partnerID=40&md5=e97596b271475dff9adda7056fd9432
	Penkin, D.Y., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Kijko, V.I.	Electromagnetic fields excitation by a multielement vibrator-slot structures in coupled electrodynamics volumes (2013) Progress In Electromagnetics Research B, (49), pp. 235-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875082569&partnerID=40&md5=ba3f243585e7f36f5b35f18d9b90a12
	Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. , Kijko, V.I.	Electromagnetic waves radiation into the space over a sphere by a slot in the end-wall of a semi-infinite rectangular waveguide (2013) Progress In Electromagnetics Research B, (46), pp. 139-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875065219&doi=10.2528%2FIERB12102203&partnerID=40&md5=88a9a42258e67e1673268f8849b117d4
	Penkin, D.Y., Katrich, V.A., Dakhov, V.M., Nesterenko, M.V. , Berdnik, S.L.	Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere (2013) 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650699, pp. 123-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898619557&doi=10.1109%2FICATT.2013.6650699&partnerID=40&md5=aa4df88f673770a07b91d49b1af313d6
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Kijko, V.I.	System of impedance vibrators in free space (2012) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, art. no. 6344097, pp. 53-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870676572&partnerID=40&md5=8941aa170986fa321a8d4d43ff636c61
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Penkin, D.Y., Pshenichnaya, S.V.	Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379777, pp. 195-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872244934&doi=10.1109%2FUWBUSIS.2012.6379777&partnerID=40&md5=abf3124b66221cc83702e7587f2cd6
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Pshenichnaya, S.V.	Multimode excitation of waveguide-slot leaky-wave radiator (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336062, pp. 483-484.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869744650&partnerID=40&md5=d259b43236f0debe022f6b1086f2618e
	Nesterenko, M.V. , Katrich, V.A., Penkin, D.Y., Berdnik, S.L., Kijko, V.I.	Electromagnetic waves scattering and radiation by vibrator-slot structure in a rectangular waveguide (2012) Progress In Electromagnetics Research M, 24, pp. 69-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859356712&partnerID=40&md5=b01b89489d3e1b5160a23fb4d007dd0d
	Nesterenko, M.V. , Katrich, V.A., Penkin, Y.M., Berdnik, S.L., Kijko, V.I.	Combined vibrator-slot structures in electrodynamic volumes (2012) Progress In Electromagnetics Research B, (37), pp. 237-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872238642&partnerID=40&md5=8c28f8b977b5b53ed4227000fa0a2e24
	Dakhov, V.M., Katrich, V.A., Nesterenko, M.V. , Berdnik, S.L.	Radiation polarization control of the turnstile antenna with impedance vibrators (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170740, pp. 199-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859977200&doi=10.1109%2FICATT.2011.6170740&partnerID=40&md5=1271f6675fee3a6afa9f35d6cd3b57a8
	Nesterenko, M.V. , Katrich, V.A., Penkin, Y.M., Dakhov, V.M., Berdnik, S.L.	Thin impedance vibrators: Theory and applications (2011) Lecture Notes in Electrical Engineering, 95 LNEE, pp. 1-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868275623&doi=10.1007%2F978-1-4419-7850-9&partnerID=40&md5=5ba75b4e007261c8b6933130ed2b37a8
	Penkin, D.Yu., Katrich, V.A., Nesterenko, M.V. , Dakhov, V.M.	Input resistance of impedance monopole on spherical scatterer (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069070, pp. 596-597.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142449&partnerID=40&md5=1a067cb2c85a122e8816d28ec8edc560
	Berdnik, S.L., Katrich, V.A., Kijko, V.I., Nesterenko, M.V.	A slot radiator at an end wall of rectangular waveguide with a double-slot resonant diaphragm (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069057, pp. 565-566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143471&partnerID=40&md5=b51053e5d5dc41dee4688a7bb45cbe12
	Penkin, D.Yu., Katrich, V.A., Nesterenko, M.V. , Dakhov, V.M.	Current distribution in radial impedance monopole on spherical scatterer (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632476, pp. 583-584.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650398705&partnerID=40&md5=c4b6fa4cb45155de3b0a58981c78847b
	Nesterenko, M.V. , Katrich, V.A., Berdnik, S.L., Penkin, Yu.M.	Yagi-Uda antenna with impedance vibrators (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632484, pp. 591-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650396157&partnerID=40&md5=42a3d8197206f3e699c971a291f0a33e
	Nesterenko, M.V. , Katrich, V.A., Penkin, S.L.B.Y.M., Dakhov, V.M.	Application of the generalized method of induced EMF for investigation of characteristics of thin impedance vibrators (2010) Progress In Electromagnetics Research B, (26), pp. 149-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650365378&doi=10.2528%2FIERB10052902&partnerID=40&md5=9476db33b9c072180c79acc6b19b9db

	Nesterenko, M.V. , Katrich, V.A., Dakhov, V.M., Kiyko, V.I.	Electrodynamic characteristics of the system impedance vibrator - Slot radiator in a rectangular waveguide (2010) DIPED-2010 - 15th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, Proceedings, art. no. 5623924, pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650210994&partnerID=40&md5=d39c123ef5e18148060acd971a91cf5
	Nesterenko, M.V. , Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Pshenichnaya, S.V.	Electromagnetic waves radiation by thin vibrators with asymmetrical surface impedance (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609138, pp. 212-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650082400&doi=10.1109%2FUWBUSIS.2010.5609138&partnerID=40&md5=54e332e2d7387d5f7877e0e4d0d62330
	Dumin, O.M., Tretyakov, O.A., Katrich, V.A., Dumina, O.O., Nesterenko, M.V. , Kholodov, V.I.	Evolutionary equations for electromagnetic fields in unbounded space filled with layered inhomogeneous nonlinear transient medium with losses (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609109, pp. 99-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650105667&doi=10.1109%2FUWBUSIS.2010.5609109&partnerID=40&md5=2c2e9f2f68f3b8ae87c7d04a49add59
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Pshenichnaya, S.V.	Near-zone em field of combined slotted waveguide radiators in a material medium (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (16), pp. 1491-1497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951654969&doi=10.1615%2FTelecomRadEng.v69.i16.90&partnerID=40&md5=031a8cbe8482630e69e6ec98b9b3fec7
	Nesterenko, M.V. , Katrich, V.A., Dakhov, V.M.	Formation of the radiation field with given spatial-polarization characteristics by a system of crossed impedance dipoles (2010) Radiophysics and Quantum Electronics, 53 (5-6), pp. 371-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651431130&doi=10.1007%2Fs11141-010-9236-6&partnerID=40&md5=6d5ed1ff355bf245faef7ee96ba0fdb
	Nesterenko, M.V.	Analytical methods in the theory of thin impedance vibrators (2010) Progress In Electromagnetics Research B, (21), pp. 299-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953507628&partnerID=40&md5=e9a54f76a0a778d44a55179a8ad47514
	Nesterenko, M.V. , Penkin, D.Y., Katrich, V.A., Dakhov, V.M.	Equation solution for the current in radial impedance monopole on the perfectly conducting sphere (2010) Progress In Electromagnetics Research B, (19), pp. 95-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455130803&partnerID=40&md5=286fa4238ac9a3f51614f59f00a0320a
	Nesterenko, M.V. , Katrich, V.A., Dumin, A.N., Kiyko, V.I.	Resonant iris with the slot arbitrary oriented in rectangular waveguide (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293016, pp. 513-514.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949126592&partnerID=40&md5=8ccea3b2df8d25483b7279e4fb1b45
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. , Pshenichnaya, S.V.	Near fields of combined waveguide-slot radiators in matter (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293053, pp. 442-443.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949120974&partnerID=40&md5=ac1d583e9e0dd65600d4048559285d40
	Nesterenko, M.V. , Katrich, V.A., Penkin, Y.M., Berdnik, S.L.	Analytical and hybrid methods in the theory of slot-hole coupling of electrodynamic volumes (2008) Analytical and Hybrid Methods in the Theory of Slot-Hole Coupling of Electrodynamic Volumes, pp. 1-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895274313&doi=10.1007%2F978-0-387-76362-0&partnerID=40&md5=a89a07692b9a6ead7b3bdc4b0290fa66
	Katrich, V.A., Nesterenko, M.V.	The near-zone field and resonant frequencies of narrow longitudinal slots in the broad face of a rectangular waveguides (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (1-2), pp. 125-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947318248&doi=10.1615%2FTelecomRadEng.v60.i12.160&partnerID=40&md5=10743cf9eebfecc280fd3c824e4bdc
76	Pogarsky, S.A., Saprykin, I.I. , Mayboroda, D.V., Sukhov, V.N.	Re-adjusting disk microstrip antenna (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959495, pp. 493-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915754058&doi=10.1109%2FCRMICO.2014.6959495&partnerID=40&md5=67a30c202b322debe904a7652821c12e
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Sukhov, V.N.	Hybrid metal-dielectric structure based on inverted dielectric waveguide (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959496, pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915805408&doi=10.1109%2FCRMICO.2014.6959496&partnerID=40&md5=980cb14713fb060dbcebbef98e4864a
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Pshenichnaya, S.V., Sharapov, D.S.	Multiresonator microstrip antenna with radiators of complex shape (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652981, pp. 618-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891140335&partnerID=40&md5=23db619e236779314c9f2ba33caaf6c53
	Pogarskiy, S.A., Drozdov, K.S., Saprykin, I.I. , Mayboroda, D.V., Tkachenko, M.V.	Electrophysical properties of nanosructured materials used in medicine as implants (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652659, pp. 1065-1066.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891082550&partnerID=40&md5=2c1be4c89df748e94c608bb87f5a4c49
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Sukhov, V.N., Drozdov, K.S.	Multiresonator microstrip antenna (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6652980, pp. 616-617.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891047665&partnerID=40&md5=8e4f68ee870082a515272a33caaf6f5
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Seledkov, E.V.	The electrodinamical characteristics of two-way short-circuit slot in microstrip disk resonator (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650780, pp. 367-369.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898636343&doi=10.1109%2FICATT.2013.6650780&partnerID=40&md5=773b7057d603049c40f3f8f76d9223
	Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	Dual-band circular-disk microstrip antenna (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379766, pp. 161-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872247849&doi=10.1109%2FUWBUSIS.2012.6379766&partnerID=40&md5=9452fe23ea00da73aa79e6b6ae66f293
	Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The characteristics of disk radiator with slot discontinuity (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336047, pp. 437-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869749115&partnerID=40&md5=a1c33ed35e44bf79baf74af1811997b
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Sukhov, V.N.	The radiating unit based on hybrid metal-dielectric structure with bounded sequence of transverse slots (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6336046, pp. 435-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869766609&partnerID=40&md5=2b19ef5329daffa0d3ec7f0f77f1f14c9
	Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The electrodynamic characteristics of a transversal slot radiator based on an inverted strip dielectric waveguide (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069063, pp. 579-580.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142457&partnerID=40&md5=ec54ca2fe29caaecde5fe1438d07af36
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I.	The radiating structure based on an inverted strip dielectric waveguide (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069062, pp. 577-578.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142450&partnerID=40&md5=8baed0cc88e53af4fc70bfe386dc7f24
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Sukhov, V.N., Krivenko, G.S.	The rejection filter (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632656, pp. 665-666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650401561&partnerID=40&md5=18b21d30a460e4e09bf97e25a65b661b
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Pshenichnaya, S.V.	The radiator of K u -band based on inverted dielectric waveguide (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609135, pp. 215-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650137536&doi=10.1109%2FUWBUSIS.2010.5609135&partnerID=40&md5=5db28f887b0cb48e75730aeef6e33313
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Sukhov, V.N., Pshenichnaya, S.V.	Inverted strip dielectric guide with metal plane (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293017, pp. 515-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949112936&partnerID=40&md5=f9535227d1e1f8432b542306c9c598c
	Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The hybrid metal-dielectric structure for wide-band applications (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669368, pp. 92-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649223829&doi=10.1109%2FUWBUS.2008.4669368&partnerID=40&md5=4247fa28896e8f5eca78d4be278337f

	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Sukhov, V.N.	The microstrip antenna (2008) KpbMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676444, pp. 431-432.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049167841&doi=10.1109%2fCRMICO.2008.4676444&partnerID=40&md5=91a65e84a5df04c235e0dd0ac20b31c
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I.	Guiding and radiating properties of a hybrid metal-dielectric structure (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (7), pp. 587-595.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149038554&doi=10.1615%2fTelecomRadEng.v66.i7.20&partnerID=40&md5=cde733da397a96c9720e3962a8a4440f
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The bounded periodical microstrip-slot structure as a radiating model (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425231, pp. 418-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849086845&doi=10.1109%2fICATT.2007.4425231&partnerID=40&md5=acea9f81c5355d3fed3abfd7e0897f0e
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	Radiating system on the basis of ring hybrid metal-dielectric structure (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368605, pp. 429-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149089791&doi=10.1109%2fCRMICO.2007.4368605&partnerID=40&md5=c7f95842c819fedac5f86017f04ccdd9
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The mechanism of collinear longitudinal slot and microstrip eigenwaves interaction (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099265, pp. 214-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249087219&doi=10.1109%2fUWBUSIS.2006.307207&partnerID=40&md5=137ff21c9f693428a8058836ef3e2c1a
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I. , Shaulov, E.A.	The radiating characteristics of multi-element hybrid metal-dielectric structure (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023352, pp. 477-478.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249088776&doi=10.1109%2fCRMICO.2006.256070&partnerID=40&md5=d7be80b829b87197de58b9fa4b051da4
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I.	The guiding properties of strip dielectric waveguides and possibility of functional radiating elements designing (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496938, pp. 245-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745436183&doi=10.1109%2fICATT.2005.1496938&partnerID=40&md5=fe19a663b444156f03afc665c0838499
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I. , Shaulov, E.A., Trufanov, B.D.	Radiating characteristics of single slot in the shield of strip dielectric waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo 2005 - Conference Proceedings, 2, art. no. 1565030, pp. 549-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846296667&doi=10.1109%2fCRMICO.2005.1565030&partnerID=40&md5=a29f6b8b83c523c4c13a67afc76a5a27
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I.	The guiding properties of strip dielectric waveguides and possibility of functional and radiating elements designing (2004) Conference Digest of the 2004 Joint 29th International Conference on Infrared and Millimeter Waves and 12th International Conference on Terahertz Electronics, pp. 701-702.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16244422342&partnerID=40&md5=425642d3ce379f2f50d16e7dbf981d0c
	Katrich, V.A., Zvyagintsev, A.A., Pogarsky, S.A., Saprykin, I.I. , Mayboroda, D.V., Shaulov, E.A.	Dielectric image guide as basic electrodynamic structure for high-performance radiation systems design (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 394-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644379451&partnerID=40&md5=81cdd1b4284df985cd09fca0ef2f8fb2
	Katrich, V.A., Pogarsky, S.A., Saprykin, I.I. , Chumachenko, V.A.	Automated system for antenna parameters measurement (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, art. no. 1256655, pp. 655-656.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945117921&doi=10.1109%2fCRMICO.2003.158969&partnerID=40&md5=15bf324f32f16c2943eae522e8017bba
	Pogarsky, S.A., Saprykin, I.I. , Petkov, G.M., Andreyev, V.B.	Controlled band-elimination filter of 8-mm waveband (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137288, pp. 399-400.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968812986&doi=10.1109%2fCRMICO.2002.1137288&partnerID=40&md5=b7e528498b0e618e19ce75480bd7e638
	Pogarsky, S.A., Saprykin, I.I. , Pet'kov, G.M.	The controlled KL band-stop filter (2002) Conference Digest - 27th International Conference on Infrared and Millimeter Waves, IRMMW 2002, art. no. 1076195, pp. 283-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964411136&doi=10.1109%2fICIMW.2002.1076195&partnerID=40&md5=0ef1f17767cb580a022137b818e1571d7
	Katrich, V.A., Pogarsky, S.A., Saprykin, I.I. , Pet'kov, G.M., Shaulov, E.A., Klochan, I.I.	Electrically long radiating systems based on hybrid structures (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, art. no. 1137272, pp. 359-360.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968756331&doi=10.1109%2fCRMICO.2002.1137272&partnerID=40&md5=5c27d0fd57baeae836628fbf9526b0d
	Katrich, V.A., Pogarsky, S.A., Saprykin, I.I. , Shaulov, E.A.	The mechanism of isolated image guide eigenmode and elementary microstrip radiators interaction (2001) International Journal of Infrared and Millimeter Waves, 22 (5), pp. 773-778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10844227455&partnerID=40&md5=6fa7f5f84c9948b00c1d737d389b4b57
	Pogarsky, S.A., Zvyagintsev, A.A., Saprykin, I.I. , Petkov, G.M., Andreev, V.B., Shaulov, E.A.	The Ku band-stop filter (2001) International Journal of Infrared and Millimeter Waves, 22 (8), pp. 1243-1248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10844254995&partnerID=40&md5=985304dafb330c7295cad18d31ebeced
	Pogarsky, S.A., Zvyagintsev, A.A., Saprykin, I.I. , Petkov, G.M., Andreyev, V.B., Shaulov, E.A.	The KL band-stop filter (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173943, pp. 492-493.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956651209&partnerID=40&md5=5e6a869d4bb4185fe7cd7f60328bcdf4
	Katrich, V.A., Pogarsky, S.A., Saprykin, I.I. , Shaulov, E.A.	The elementary radiators interaction mechanism within radiating system based on insulated image waveguide (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, art. no. 1256125, pp. 326-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966292040&doi=10.1109%2fCRMICO.2000.1256125&partnerID=40&md5=95659710b02dc1e3be2a93318afcf198
	Katrich, V.A., Pogarsky, S.A., Saprykin, I.I. , Chumachenko, V.A.	Wave interaction between eigenmode of hybrid structure and microstrip elements (2000) International Journal of Infrared and Millimeter Waves, 21 (3), pp. 429-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033736661&doi=10.1023%2FA%3a1006659131389&partnerID=40&md5=4922d1adfe0d892445463461395e8888
	Pogarsky, S.A., Saprykin, I.I. , Shaulov, E.A.	P-I-N tuned hybrid device (1996) International Journal of Infrared and Millimeter Waves, 17 (5), pp. 857-862.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030151781&partnerID=40&md5=7252cb6ca0e832becc07dd9f76f8267
	Pogarsky, S.A., Saprykin, I.I. , Trufanov, B.D.	Adjusted multichannel frequency Diplexer (1996) International Journal of Infrared and Millimeter Waves, 17 (4), pp. 797-801.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030127765&partnerID=40&md5=cd09f2a23559143841e8d29a27c8bd7a
	Pogarsky, S.A., Saprykin, I.I.	Multiple microstrip wave spectrum (1995) International Journal of Infrared and Millimeter Waves, 16 (1), pp. 209-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029219658&doi=10.1007%2fBF02085857&partnerID=40&md5=57e23394dff46de1435902b8e198d675
	Pogarsky, S.A., Saprykin, I.I.	Resonant phenomena in hybrid structures (1994) International Journal of Infrared and Millimeter Waves, 15 (7), pp. 1325-1333.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028467265&doi=10.1007%2fBF02096085&partnerID=40&md5=440b09cb12b8c89c737740d5c00564a
	Pogarsky, S.A., Saprykin, I.I.	Rejection filter (1993) Proceedings of SPIE - The International Society for Optical Engineering, 2104, pp. 296-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027878442&partnerID=40&md5=ea52607f896abf4904870808064a0079
77	Shevchenko, V.G., Belskaya, I.N., Muinonen, K., Penttilä, A., Krugly, Y.N., Velichko, F.P. , Chiorny, V.G., Slysarev, I.G., Gaftonyuk, N.M., Tereschenko, I.A.	Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system (2016) Planetary and Space Science, 123, pp. 101-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960269613&doi=10.1016%2fj.pss.2015.11.007&partnerID=40&md5=54a1007c563c67befb5dfbbe87a81f41

Hanuš, J., Ďurech, J., Brož, M., Marciniak, A., Warner, B.D., Pilcher, F., Stephens, R., Behrend, R., Carry, B., Čapek, D., Antonini, P., Audejean, M., Augustesen, K., Barbotin, E., Baudouin, P., Bayol, A., Bernasconi, L., Borczyk, W., Bosch, J.-G., Brochard, E., Brunetto, L., Casulli, S., Cazenave, A., Charbonnel, S., Christophe, B., Colas, F., Coloma, J., Conjat, M., Cooney, W., Correia, H., Cotrez, V., Coupier, A., Crippa, R., Cristofanelli, M., Dalmás, C., Danavaro, C., Demeautis, C., Droegge, T., Durkee, R., Esseiva, N., Esteban, M., Fagas, M., Farroni, G., Fauvaud, M., Fauvaud, S., Del Freo, F., García, L., Geier, S., Godon, C., Grangeon, K., Hamanowa, H., Hamanowa, H., Heck, N., Hellmich, S., Higgins, D., Hirsch, R., Husarik, M., Itkonen, T., Jade, O., Kamiński, K., Kankiewicz, P., Klotz, A., Koff, R.A., Kryszczyńska, A., Kwiatkowski, T., Laffont, A., Leroy, A., Lecacheux, J., Leonie, Y., Leyrat, C., Manzini, F., Martin, A., Masi, G., Matter, D., Michałowski, J., Michałowski, M.J., Michałowski, T., Michelet, J., Michelsen, R., Morelle, E., Mottola, S., Naves, R., Nomen, J., Oey, J., Ogloza, W.,	Asteroids' physical models from combined dense and sparse photometry and scaling of the YORP effect by the observed obliquity distribution (2013) Astronomy and Astrophysics, 551, art. no. A67, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874262809&doi=10.1051%2f0004-6361%2f201220701&partnerID=40&md5=c827088e796531e5d67747be88417507
Kryszczyńska, A., Colas, F., Polińska, M., Hirsch, R., Ivanova, V., Apostolovska, G., Bilkina, B., Velichko, F.P. , Kwiatkowski, T., Kankiewicz, P., Vachier, F., Umlenski, V., Michałowski, T., Marciniak, A., Maury, A., Kamiński, K., Fagas, M., Dimitrov, W., Borczyk, W., Sobkowiak, K., Lecacheux, J., Behrend, R., Klotz, A., Bernasconi, L., Crippa, R., Manzini, F., Poncy, R., Antonini, P., Oszkiewicz, D., Santana-Ros, T.	Do Silvan states exist in the Flora family?: I. Photometric survey of the Flora region (2012) Astronomy and Astrophysics, 546, art. no. A72, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867257240&doi=10.1051%2f0004-6361%2f201219199&partnerID=40&md5=f7cd241bd439e227a8182944b3ce9c5b
Marciniak, A., Bartczak, P., Santana-Ros, T., Michałowski, T., Antonini, P., Behrend, R., Bembrick, C., Bernasconi, L., Borczyk, W., Colas, F., Coloma, J., Crippa, R., Esseiva, N., Fagas, M., Fauvaud, M., Fauvaud, S., Ferreira, D.D.M., Hein Bertelsen, R.P., Higgins, D., Hirsch, R., Kajava, J.J.E., Kamiński, K., Kryszczyńska, A., Kwiatkowski, T., Manzini, F., Michałowski, J., Michałowski, M.J., Paschke, A., Polińska, M., Poncy, R., Roy, R., Santacana, G., Sobkowiak, K., Stasik, M., Starczewski, S., Velichko, F. , Wucher, H., Zafar, T.	Photometry and models of selected main belt asteroids: IX. Introducing interactive service for asteroid models (ISAM) (2012) Astronomy and Astrophysics, 545, art. no. A131, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866543280&doi=10.1051%2f0004-6361%2f201219542&partnerID=40&md5=cadd061985140093ed9909c5e1184090
Meech, K.J., A'Hearn, M.F., Adams, J.A., Bacci, P., Bai, J., Barrera, L., Battelino, M., Bauer, J.M., Becklin, E., Bhatt, B., Biver, N., Bockelée-Morvan, D., Bodewits, D., Bönnhardt, H., Boissier, J., Bonev, B.P., Borghini, W., Brucato, J.R., Bryssinck, E., Buie, M.W., Canovas, H., Castellano, D., Charnley, S.B., Chen, W.P., Chiang, P., Choi, Y.-J., Christian, D.J., Chuang, Y.-L., Cochran, A.L., Colom, P., Combi, M.R., Coulson, I.M., Crovisier, J., Dello Russo, N., Dennerl, K., DeWahl, K., DiSanti, M.A., Facchini, M., Farnham, T.L., Fernández, Y., Florén, H.G., Frisk, U., Fujiyoshi, T., Furusho, R., Fuse, T., Galli, G., García-Hernández, D.A., Gersch, A., Getu, Z., Gibb, E.L., Gillon, M., Guido, E., Guillermo, R.A., Hadamcik, E., Hainaut, O., Hammel, H.B., Harker, D.E., Harmon, J.K., Harris, W.M., Hartogh, P., Hashimoto, M., Häusler, B., Herter, T., Hjalmarsen, A., Holland, S.T., Honda, M., Hosseini, S., Howell, E.S., Howes, N., Hsieh, H.H., Hsiao, H.-Y., Hutsemekers, D., Immler, S.M., Jackson, W.M., Jeffers, S.V., Jehin, E., Jones, T.J., De Juan Ovelar, M., Kaluna, H.M., Karlsson, T., Kawakita, H., Keane, J.V.,	EPOXI: Comet 103P/Hartley 2 observations from a worldwide campaign (2011) Astrophysical Journal Letters, 734 (1 PART 2), art. no. L1, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959462185&doi=10.1088%2f2041-8205%2f734%2f1%2fL1&partnerID=40&md5=370ac3a0323fed8b06c2ac6a30206316
Kiselev, N., Rosenbush, V., Velichko, F. , Zaitsev, S.	Polarimetry of the Galilean satellites and Jupiter near opposition (2009) Journal of Quantitative Spectroscopy and Radiative Transfer, 110 (14-16), pp. 1713-1718.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649344572&doi=10.1016%2fj.jqsrt.2009.02.029&partnerID=40&md5=7e78cf97cecd25af880cd44978c2c6f
Rosenbush, V., Kiselev, N., Kolokolova, L., Velichko, S. , Velichko, F., Antoniuk, K., Kolesnikov, S.	Polarization properties of odd comet 17P/Holmes (2009) Journal of Quantitative Spectroscopy and Radiative Transfer, 110 (14-16), pp. 1719-1725.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649411547&doi=10.1016%2fj.jqsrt.2009.03.031&partnerID=40&md5=80577799fb756907e3f0e21d8df02895
Rosenbush, V.K., Shevchenko, V.G., Kiselev, N.N., Sergeev, A.V., Shakhovskoy, N.M., Velichko, F.P. , Kolesnikov, S.V., Karpov, N.V.	Polarization and brightness opposition effects for the E-type Asteroid 44 Nysa (2009) Icarus, 201 (2), pp. 655-665.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349177518&doi=10.1016%2fj.icarus.2009.01.007&partnerID=40&md5=9d02c035578a7a8039e55a64c2b8d094
Marciniak, A., Michałowski, T., Kaasalainen, M., Kryszczyńska, A., Kwiatkowski, T., Hirsch, R., Kamiński, K., Fagas, M., Polińska, M., Velichko, F.P. , Michałowski, M.J., Snodgrass, C., Behrend, R., Bernasconi, L.	Photometry and models of selected main belt asteroids V. 73 Klytia, 377 Campana, and 378 Holmia (2008) Astronomy and Astrophysics, 478 (2), pp. 559-565.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-66249130836&doi=10.1051%2f0004-6361%3a20078930&partnerID=40&md5=014f244ac60094916909ecb8af809e5b
Shevchenko, V.G., Chiorny, V.G., Gaftonyuk, N.M., Krugly, Y.N., Belskaya, I.N., Tereschenko, I.A., Velichko, F.P.	Asteroid observations at low phase angles. III. Brightness behavior of dark asteroids (2008) Icarus, 196 (2), pp. 601-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47149088825&doi=10.1016%2fj.icarus.2008.03.015&partnerID=40&md5=304acedcfd51fda1499fb2f88d769a23

	Chiorny, V.G., Shevchenko, V.G., Krugly, Yu.N., Velichko, F.P. , Gaftonyuk, N.M.	Photometry of asteroids: Lightcurves of 24 asteroids obtained in 1993-2005 (2007) Planetary and Space Science, 55 (7-8), pp. 986-997.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247542100&doi=10.1016%2Fj.pss.2007.01.001&partnerID=40&md5=538c7dbccbb1fa38d9163c084201f348
	Krugly, Yu.N., Maccone, C., Gaftonyuk, N.M., Lupishko, D.F., Shevchenko, V.G., Velichko, F.P.	11 264 Claudiomaccone: Small binary main-belt asteroid (2007) Planetary and Space Science, 55 (4), pp. 449-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846918857&doi=10.1016%2Fj.pss.2006.09.006&partnerID=40&md5=1335696239ba8b9693acbc4215523bc1
	Michalowski, T., Kaasalainen, M., Poliška, M., Marciniak, A., Kwiatkowski, T., Kryszczyńska, A., Velichko, F.P.	Photometry and models of selected main belt asteroids III. 283 Emma, 665 Sabine, and 690 Wratislavia (2006) Astronomy and Astrophysics, 459 (2), pp. 663-668.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750967375&doi=10.1051%2F0004-6361%3a20065877&partnerID=40&md5=8e35960fa567a1681dc74fc4d2d446d0
	Krugly, Yu.N., Gaftonyuk, N.M., Belskaya, I.N., Chiorny, V.G., Shevchenko, V.G., Velichko, F.P. , Lupishko, D.F., Konovalenko, A.A., Falkovich, I.S., Molotov, I.E.	Kharkiv study of near-Earth asteroids (2006) Proceedings of the International Astronomical Union, 2 (S236), pp. 385-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049002618&doi=10.1134%2F174392130700347X&partnerID=40&md5=57ae0d5476ed8ae9193c298f0d3f2fbe
	Rosenbush, V.K., Velichko, F.P. , Kiselev, N.N., Velichko, S.F., Shakhovskoy, N.M., Efimov, Yu.S., Antonyuk, K.A., Kolesnikov, S.V., Shakhovskoy, D.N.	Comet C/2002 T7 (LINEAR): Polarimetric and photometric studies (2006) Solar System Research, 40 (3), pp. 230-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745217155&doi=10.1134%2F150038094606030075&partnerID=40&md5=146b68161d658bedfb9cc6fd069b3d
	Pravec, P., Scheirich, P., Kušnirák, P., Šarounová, L., Mottola, S., Hahn, G., Brown, P., Esquerdo, G., Kaiser, N., Krzeminski, Z., Pray, D.P., Warner, B.D., Harris, A.W., Nolan, M.C., Howell, E.S., Benner, L.A.M., Margot, J.-L., Galád, A., Holliday, W., Hicks, M.D., Krugly, Yu.N., Tholen, D., Whiteley, R., Marchis, F., DeGraff, D.R., Grauer, A., Larson, S., Velichko, F.P. , Cooney Jr., W.R., Stephens, R., Zhu, J., Kirsch, K., Dyvig, R., Snyder, L., Reddy, V., Moore, S., Gajdoš, Š., Világi, J., Masi, G., Higgins, D., Funkhouser, G., Knight, B., Slivan, S., Behrend, R., Grenon, M., Burki, G., Roy, R., Demeautis, C., Matter, D., Waelchli, N., Revaz, Y., Klotz, A., Rieugné, M., Thierry, P., Cotrez, V., Brunetto, L., Kober, G.	Photometric survey of binary near-Earth asteroids (2006) Icarus, 181 (1), pp. 63-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3334470880&doi=10.1016%2Fj.icarus.2005.10.014&partnerID=40&md5=dbdb3002637ba87b7540473d344caf3
	Vokrouhlický, D., Brož, M., Michalowski, T., Slivan, S.M., Colas, F., Šarounová, L., Velichko, F.P.	Spin axis of (2953) Vyshešlavia and its implications (2006) Icarus, 180 (1), pp. 217-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28844508926&doi=10.1016%2Fj.icarus.2005.08.013&partnerID=40&md5=bd9b17a85a1fb435764c0487d43c9fee
	Velichko, S., Kiselev, N., Velichko, F.	Polarimetry and photometry of comet C/2004 Q2 (Machholz) (2005) Earth, Moon and Planets, 97 (3-4), pp. 379-386.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749575568&doi=10.1007%2Fs11038-006-9074-x&partnerID=40&md5=66c94a968baedaf69766f0fa97c5788e
	Michalowski, T., Kaasalainen, M., Marciniak, A., Denchev, P., Kwiatkowski, T., Kryszczyńska, A., Hirsch, R., Velichko, F.P. , Erikson, A., Szabó, G.M., Kowalski, R.	Photometry and models of selected main belt asteroids -II. 173 Ino, 376 Geometria, and 451 Patlentina (2005) Astronomy and Astrophysics, 443 (1), pp. 329-335.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844465061&doi=10.1051%2F0004-6361%3a20053656&partnerID=40&md5=0fd14cd009e243b47bb97b6cbf0c748a
	Michalowski, T., Bartzczak, P., Velichko, F.P. , Kryszczyńska, A., Kwiatkowski, T., Breiter, S., Colas, F., Fauvau, S., Marciniak, A., Michalowski, J., Hirsch, R., Behrend, R., Bernasconi, L., Rinner, C., Charbonnel, S.	Eclipsing binary asteroid 90 Antiope (2004) Astronomy and Astrophysics, 423 (3), pp. 1159-1168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243150740&doi=10.1051%2F0004-6361%3a20040449&partnerID=40&md5=536781cb0e6ea38702bf67a3709ef0d1
	Michalowski, T., Kwiatkowski, T., Kaasalainen, M., Pych, W., Kryszczyńska, A., Dybczyński, P.A., Velichko, F.P. , Erikson, A., Denchev, P., Fauvau, S., Szabó, Gy.M.	Photometry and models of selected main belt asteroids I. 52 Europa, 115 Thyra, and 382 Dodona (2004) Astronomy and Astrophysics, 416 (1), pp. 353-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12144290808&doi=10.1051%2F0004-6361%3a20031706&partnerID=40&md5=3759658d48bdcd9cfdfb75e8c4d5c698
	Kaasalainen, M., Kwiatkowski, T., Abe, M., Piironen, J., Nakamura, T., Ohba, Y., Dermawan, B., Farnham, T., Colas, F., Lowry, S., Weissman, P., Whiteley, R.J., Tholen, D.J., Larson, S.M., Yoshikawa, M., Toth, I., Velichko, F.P.	CCD photometry and model of MUSES-C target (25143) 1998 SF36 (2003) Astronomy and Astrophysics, 405 (3), pp. L29-L32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17044460132&partnerID=40&md5=7cf97dcc37413c9571753f1346071bd3
	Michalowski, T., Colas, F., Kwiatkowski, T., Kryszczyńska, A., Velichko, F.P. , Fauvau, S.	Eclipsing events in the binary system of the asteroid 90 Antiope (2002) Astronomy and Astrophysics, 396 (1), pp. 293-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036898113&partnerID=40&md5=55a2784ac0736b839c23cea05f953d66
	Krugly, Yu.N., Belskaya, I.N., Shevchenko, V.G., Chiorny, V.G., Velichko, F.P. , Mottola, S., Erikson, A., Hahn, G., Nathues, A., Neukum, G., Gaftonyuk, N.M., Dotto, E.	The near-Earth objects follow-up program. IV. CCD photometry 1996-1999 (2002) Icarus, 158 (2), pp. 294-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036696762&doi=10.1006%2Ficar.2002.6884&partnerID=40&md5=efbfb3250cf2b6b80c1d1489184707c4
	Kiselev, N.N., Rosenbush, V.K., Jockers, K., Velichko, F.P. , Shakhovskoy, N.M., Efimov, Yu.S., Lupishko, D.F., Rumyantsev, V.V.	Polarimetry of near-earth asteroid 33342 (1998 WT24). Synthetic phase angle dependence of polarization for the E-type asteroids (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 887-890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664910&partnerID=40&md5=2651e08e937b1fefa6b859144afa51c0
	Pravec, P., Šarounová, L., Rabinowitz, D.L., Hicks, M.D., Wolf, M., Krugly, Y.N., Velichko, F.P. , Shevchenko, V.G., Chiorny, V.G., Gaftonyuk, N.M., Geneviev, G.	Two-Period Lightcurves of 1996 FG3, 1998 PG, and (5407) 1992 AX: One Probable and Two Possible Binary Asteroids (2000) Icarus, 146 (1), pp. 190-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000027081&doi=10.1006%2Ficar.2000.6375&partnerID=40&md5=c73830af3d9c7d0de381ba303617c455
	Erikson, A., Berthier, J., Denchev, P.V., Harris, A.W., Ioannou, Z., Kryszczyńska, A., Lagerkvist, C.-I., Magnusson, P., Michalowski, T., Nathues, A., Piironen, J., Pravec, P., Šarounová, L., Velichko, F.	Photometric observations and modelling of the asteroid 85 Io in conjunction with data from an occultation event during the 1995-96 apparition (1999) Planetary and Space Science, 47 (3-4), pp. 327-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0342987172&partnerID=40&md5=627c944cc50aea2a2835abd138a563b0
	Kiselev, N.N., Velichko, F.P.	Polarimetry and Photometry of Comet C/1996 B2 Hyakutake (1998) Icarus, 133 (2), pp. 286-292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000221214&doi=10.1006%2Ficar.1998.5932&partnerID=40&md5=85a5dc0a759371b372571156a4679e6f
	Piironen, J., Lagerkvist, C.-I., Erikson, A., Oja, T., Magnusson, P., Festin, L., Nathues, A., Gaul, M., Velichko, F.	Physical studies of asteroids. XXXII. Rotation periods and U BV RI-colours for selected asteroids (1998) Astronomy and Astrophysics Supplement Series, 128 (3), pp. 525-540.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037936436&partnerID=40&md5=86073068011166726642e8bd18aa231c
	Kiselev, N.N., Velichko, F.P.	Aperture polarimetry and photometry of comet Hale-Bopp (1997) Earth, Moon and Planets, 78 (1-3), pp. 347-352.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031545968&partnerID=40&md5=0f06fd820f62fc3a152f107469751a4b

	Hahn, G., Mottola, S., Erikson, A., Harris, A.W., Neukum, G., Maury, A., Savalle, R., Scholl, H., Bijaoui, A., DiMartino, M., Barbieri, C., Lazzarin, M., Migliorini, F., Pravec, P., Wolf, M., Sarounova, L., Velichko, F.P. , Krugly, Y.N., Belskaya, I.N., Shevchenko, V.G.	The EUNEASO project: A European NEO Search, Follow-up, and Physical Observation Programme (1997) Annals of the New York Academy of Sciences, 822, pp. 27-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030790604&doi=10.1111%2fj.1749-6632.1997.tb48331.x&partnerID=40&md5=2b26bbf19e1326da2ffecafdf8f825390
	Magnusson, P., Dahlgren, M., Barucci, M.A., Jorda, L., Binzel, R.P., Slivan, S.M., Blanco, C., Riccioli, D., Buratti, B.J., Colas, F., Berthier, J., De Angelis, G., Di Martino, M., Dotto, E., Drummond, J.D., Fink, U., Hicks, M., Grundy, W., Wisniewski, W., Gaftonyuk, N.M., Geyer, E.H., Bauer, T., Hoffmann, M., Ivanova, V., Komitov, B., Donchev, Z., Denchev, P., Krugly, Yu.N., Velichko, F.P. , Chiorny, V.G., Lupishko, D.F., Shevchenko, V.G., Kwiatkowski, T., Kryszczyńska, A., Lahulla, J.F., Licandro, J., Mendez, O., Mottola, S., Erikson, A., Ostro, S.J., Pravec, P., Pych, W., Tholen, D.J., Whiteley, R., Wild, W.J., Wolf, M., Sarounová, L.	Photometric observations and modeling of asteroid 1620 Geographos (1996) Icarus, 123 (1), pp. 227-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16144366535&doi=10.1006%2ficar.1996.0151&partnerID=40&md5=6cde9d3e9ae04a7631d076ed29f5f3c
	Michalowski, T., Velichko, F.P. , Di Martino, M., Krugly, Yu.N., Kalashnikov, V.G., Shevchenko, V.G., Birch, P.V., Sears, W.D., Denchev, P., Kwiatkowski, T.	Models of Four Asteroids: 17 Thetis, 52 Europa, 532 Herculina, and 704 Interamnia (1995) Icarus, 118 (2), pp. 292-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343858387&doi=10.1006%2ficar.1995.1192&partnerID=40&md5=40a3654aef9c3ac8361849f9dc228bae
	Chernova, G.P., Kiselev, N.N., Krugly, Yu.N., Lupishko, D.F., Shevchenko, V.G., Velichko, F.P. , Mohamed, R.A.	Photometry of amor asteroids 1036 ganymede and 1627 Ivar (1995) Astronomical Journal, 110 (4), pp. 1875-1878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011689324&partnerID=40&md5=90977db96722f7198ff0da999a16b0f7
	Spencer, J.R., Akimov, L.A., Angeli, C., Angelini, P., Barucci, M.A., Birch, P., Blanco, C., Buie, M.W., Caruso, A., Chiornij, V.G., Colas, F., Dentchev, P., Dorokhov, N.I., De Sanctis, M.C., Dotto, E., Ezhkova, O.B., Fulchignoni, M., Green, S., Harris, A.W., Howell, E.S., Hudecek, T., Kalashnikov, A.V., Kobelev, V.V., Korobova, Z.B., Koshkin, N.I., Kozhevnikov, V.P., Krugly, Y.N., Lazzaro, D., Lecacheux, J., MacConnell, J., Mel'nikov, S.Yu., Michalowski, T., Mueller, B.E.A., Nakamura, T., Neese, C., Nolan, M.C., Osborn, W., Pravec, P., Riccioli, D., Shevchenko, V.S., Shevchenko, V.G., Tholen, D.J., Velichko, F.P. , Venditti, C., Venditti, R., Wisniewski, W., Young, J., Zellner, B.	The Lightcurve of 4179 Toutatis: Evidence for Complex Rotation (1995) Icarus, 117 (1), pp. 71-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002689414&doi=10.1006%2ficar.1995.1143&partnerID=40&md5=71f6a59208ddb0d262bfada87767c15
	Mohamed, R.A., Krugly, Yu.N., Velichko, F.P.	Photometry of two Mars-crossing asteroids 2078 Nanking and 2204 Lyyli (1994) Planetary and Space Science, 42 (4), pp. 341-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43949148565&doi=10.1016%2f0019-1035%2889%2990107-4&partnerID=40&md5=e8dce2bb292faacce3cdf8961c04e9d
	Binzel, R.P., Slivan, S.M., Magnusson, P., Wisniewski, W.Z., Drummond, J., Lumme, K., Barucci, M.A., Dotto, E., Angeli, C., Lazzaro, D., Mottola, S., Gonano-Beurer, M., Michalowski, T., De Angelis, G., Tholen, D.J., Di Martino, M., Hoffmann, M., Geyer, E.H., Velichko, F.	Asteroid 243 Ida: Groundbased Photometry and a Pre-Galileo Physical Model (1993) Icarus, 105 (2), pp. 310-325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000367391&doi=10.1006%2ficar.1993.1129&partnerID=40&md5=834207cbc74aa849e83bb7b64a8ce378
	Shevchenko, V.G., Chiornij, V.G., Krugly, Yu.N., Lupishko, D.F., Mohamed, R.A., Velichko, F.P. , Michalowski, T., Avramchuk, V.V., Dovgopoli, A.N.	Photometry of seventeen asteroids (1992) Icarus, 100 (2), pp. 295-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0006177856&doi=10.1016%2f0019-1035%2892%2990102-D&partnerID=40&md5=c30d27d56fbee828aa238afd2979be3
	Hahn, G., Magnusson, P., Harris, A.W., Young, J.W., Belkora, L.A., Fico, N.J., Lupishko, D.F., Shevchenko, V.G., Velichko, F.P. , Burchi, R., Ciunci, G., Di Martino, M., Debehogne, H.	Physical studies of Apollo-Amor asteroids: UBVR photometry of 1036 Ganymed and 1627 Ivar (1989) Icarus, 78 (2), pp. 363-381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011637868&doi=10.1016%2f0019-1035%2889%2990184-X&partnerID=40&md5=cbd9eedcc5e184cdefa328f8b52712a
78	Afanasieva, I.A., Bobkov, V.V. , Gritsyna, V.V., Okseniuk, I.I., Shevchenko, D.I.	Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions (2017) Journal of Surface Investigation, 11 (1), pp. 146-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015392126&doi=10.1134%2fS1027451017010037&partnerID=40&md5=564da2dad9b8e66acfa84b8d654b87f0
	Litvinov, V.A., Okseniuk, I.I., Shevchenko, D.I., Koppe, V.T., Bobkov, V.V. , Chornous, V.M.	Sims study of the surface of TiFe hydride forming alloy (2017) Ukrainian Journal of Physics, 62 (3), pp. 195-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019162992&doi=10.15407%2fujpe62.03.0195&partnerID=40&md5=c6721bf427dd6503ebff727c3d4744ec
	Bobkov, V.V. , Gritsyna, V.V., Gritsyna, V.T., Afanasieva, I.A., Shevchenko, D.I.	Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment (2016) Journal of Surface Investigation, 10 (6), pp. 1239-1265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002496900&doi=10.1134%2fS1027451016050694&partnerID=40&md5=1b1ff1bc8204b847e46ab9c952032583
	Afanas'eva, I.A., Bobkov, V.V. , Gritsyna, V.V., Okseniuk, I.I., Shevchenko, D.I., Zelenina, I.S.	On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet (2016) Vacuum, 129, pp. 148-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961938164&doi=10.1016%2fj.vacuum.2016.03.014&partnerID=40&md5=f1d2f862d2db29b11a247ca5902464e0
	Azarenkov, N.A., Bobkov, V.V. , Tishchenko, L.P., Starovoitov, R.I., Kovtunencko, Y.I., Logachev, Y.E., Gamayunova, L.A.	Sequential implantations of deuterium and helium ions into tungsten-coated composite structures (2016) Problems of Atomic Science and Technology, 106 (6), pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007529315&partnerID=40&md5=61f51255ab930221365f52f196318249
	Okseniuk, I.I., Litvinov, V.A., Koppe, V.T., Shevchenko, D.I., Bobkov, V.V.	The study of surface of alloys for hydrogen storage by SIMS (2015) YSF 2015 - International Young Scientists Forum on Applied Physics, art. no. 7333250, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962507339&doi=10.1109%2fYFSF.2015.7333250&partnerID=40&md5=3c4bb45798eb5c92b0a5ea1389c21d54
	Bobkov, V.V. , Starovoitov, R.I., Tishchenko, L.P., Kovtunencko, Y.I., Gamayunova, L.A.	Deuterium-ion implantation into composite structures with tungsten coatings (2014) Journal of Surface Investigation, 8 (5), pp. 853-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918593444&doi=10.1134%2fS1027451014030264&partnerID=40&md5=d37e479dbe5551a4be1c98e13207ad76
	Litvinov, V.A., Koppe, V.T., Shevchenko, D.I., Okseniuk, I.I., Bobkov, V.V.	SIMS investigation of the processes of gas release from zirconium-based getter alloy (2014) Bulletin of the Russian Academy of Sciences: Physics, 78 (6), pp. 526-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905577539&doi=10.3103%2fS1062873814060173&partnerID=40&md5=e57ccec1cc6a897fbbf99ba7a5930be2e
	Bizyukov, I.O., Girk, O.I., Starovoitov, R.I., Bizyukov, O.A., Bobkov, V.V.	Exposure of tungsten surface to high-flux of helium and argon ions (2014) Problems of Atomic Science and Technology, 94 (6), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918554358&partnerID=40&md5=66a1fa4d14e1642959d3efc3233d6611

Azarenkov, N.A., Afanas'Eva, I.A., Bobkov, V.V. , Gritsyna, V.V., Gritsyna, V.T., Peretyatko, A.A., Ryzhov, D.A., Shevchenko, D.I.	Ion-photon emission under ion bombardment of garnet structures of different composition (2014) Vacuum, 105, pp. 91-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8489929473&doi=10.1016%2Fj.vacuum.2013.10.022&partnerID=40&md5=14224d7305b49667dd5b035e4dcf056f
Afanas'eva, I.A., Bobkov, V.V. , Gritsyna, V.V., Ryzhov, D.A., Shevchenko, D.I.	Effect of modification sapphire surface under ion irradiation on the excited particles yield (2013) Problems of Atomic Science and Technology, 87 (5), pp. 33-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885820585&partnerID=40&md5=417e50a3967d2cda402bb4b420f827cd
Afanas'eva, I.A., Bobkov, V.V. , Gritsyna, V.V., Kozheva, L.A., Shevchenko, D.I.	Ion-photon emission of metal-containing organic dyes (2012) Journal of Surface Investigation, 6 (4), pp. 664-667.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865480287&doi=10.1134%2FIS1027451012080058&partnerID=40&md5=71f53be4ad9821dd0002c55097697581
Litvinov, V.A., Koppe, V.T., Bobkov, V.V.	SIMS investigations of hydrogen interaction with a zirconium getter alloy surface (2012) Bulletin of the Russian Academy of Sciences: Physics, 76 (5), pp. 553-557.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863707655&doi=10.3103%2FIS1062873812050152&partnerID=40&md5=cc674265440e39cde2f5f7be29a9c131
Bobkov, V.V. , Afanas'Eva, I.A., Gritsyna, V.V., Gritsyna, V.T., Ryzhov, D.A., Shevchenko, D.I.	Characteristic features of ion-photon emission from yttrium-iron garnets (2012) Vacuum, 86 (10), pp. 1624-1629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861618072&doi=10.1016%2Fj.vacuum.2011.12.011&partnerID=40&md5=2ab9038d58c43d9ef5d17de7199be6e1
Bobkov, V.V. , Tishchenko, L.P., Onishchenko, A.V., Zubarev, E.N., Starovoitov, R.I., Kovtunen, Y.I., Logachev, Y.E., Gamayunova, L.A.	Implantation of helium and deuterium ions into tungsten-coated composite structures (2011) Journal of Surface Investigation, 5 (4), pp. 806-811.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961151563&doi=10.1134%2FIS1027451011080052&partnerID=40&md5=ed900c6308c12e6e3b77719d3be5bfe2
Afanas'eva, I.A., Bobkov, V.V. , Gritsyna, V.V., Shevchenko, D.I.	Investigation of organic systems by ion-photon spectroscopy (2011) Quantum Electronics, 41 (6), pp. 564-567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960190377&doi=10.1070%2FQE2011v041n06ABEH014643&partnerID=40&md5=fid7453ac15dcbec1c3589f6842240fa9
Afanas'eva, I.A., Bobkov, V.V. , Gritsyna, V.V., Shevchenko, D.I.	Organic systems investigation by ion-photon spectroscopy (2011) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 7999, art. no. 79990A, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955901411&doi=10.1117%2Fj.vacuum.2009.12.011&partnerID=40&md5=9511eb0d5da048a003d14b443b
Alimov, S.S., Afanas'eva, I.A., Bobkov, V.V. , Gokov, S.P., Gritsyna, V.V., Shevchenko, D.I.	Ion-photon spectrometry study of the organic dye-lipid system (2011) Ukrainian Journal of Physics, 56 (3), pp. 211-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953671197&partnerID=40&md5=8650491ba628e0eb748103841f8870f
Bobkov, V.V. , Onishchenko, A.V., Sobol', O.V., Starovoitov, R.I., Kovtunen, Y.I., Logachev, Y.E., Tishchenko, L.P.	Ion-implanted deuterium accumulation in a deposited tungsten coating (2010) Journal of Surface Investigation, 4 (5), pp. 852-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958021268&doi=10.1134%2FIS1027451010050289&partnerID=40&md5=8de07c0364d4b4c319a944d79bffa47
Afanas'eva, I.A., Bobkov, V.V. , Gokov, S.P., Gritsyna, V.V., Kovtun, K.V., Trembach, O.V., Shevchenko, D.I.	Effect of phase on the formation of excited particles under ion bombardment of Fe-Co alloys (2010) Vacuum, 84 (8), pp. 1011-1013.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649236838&doi=10.1016%2Fj.vacuum.2009.12.011&partnerID=40&md5=a10b85de7307d917dc9149b671de7eb6b
Afanas'eva, I.A., Bobkov, V.V. , Gokov, S.P., Gritsyna, V.V., Sukhostavets, O.V., Shevchenko, D.I.	Formation of excited particles under ion bombardment of organic dyes (2010) Ukrainian Journal of Physics, 55 (2), pp. 181-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649293801&partnerID=40&md5=477541c10d6b74591114fa399ee9f225
Litvinov, V.A., Koppe, V.T., Logachev, Y.E., Bobkov, V.V.	SIMS investigation of the influence of ultraviolet irradiation on amino acids (2010) Bulletin of the Russian Academy of Sciences: Physics, 74 (2), pp. 183-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950382986&doi=10.3103%2FIS1062873810020188&partnerID=40&md5=e378d651c5d8fba74b75dcab5108a5fd
Mel'nikov, V.N., Litvinov, V.A., Koppe, V.T., Bobkov, V.V.	Secondary ion mass spectrometry of organic materials with the use of a glycerol matrix (2009) Russian Journal of Physical Chemistry A, 83 (6), pp. 979-983.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-66149164347&doi=10.1134%2FIS0036024409060193&partnerID=40&md5=5032418fa67b2f769072a819c26e0c5
Melnikov, V.N., Litvinov, V.A., Koppe, V.T., Bobkov, V.V.	SIMS study of the processes in buffer solutions of bioorganic systems (2008) Bulletin of the Russian Academy of Sciences: Physics, 72 (7), pp. 929-933.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50349103003&doi=10.3103%2FIS1062873808070137&partnerID=40&md5=30f0ef6db00a092705904662990de58b
Gritsyna, V.T., Bobkov, V.V. , Gokov, S.P., Gritsyna, V.V., Shevchenko, D.I.	Effects of argon-ion bombardment on the properties of the surface layer in spinel crystals of different composition (2008) Vacuum, 82 (9), pp. 888-894.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41949122048&doi=10.1016%2Fj.vacuum.2007.12.002&partnerID=40&md5=ae53bc66bde6dc028ef793269c38a597
Bobkov, V.V. , Gokov, S.P., Gritsyna, V.V., Gritsyna, V.T., Shevchenko, D.I., Alimov, S.S.	Mechanisms of formation of sputtered particles in excited states at Ar ⁺ ion bombardment of oxide targets (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 501-505.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947108301&doi=10.1016%2Fj.nimb.2006.12.049&partnerID=40&md5=12a7fd2652ce522fcd31a1c72d6c997
Tishchenko, L.P., Peregon, T.I., Kovtunen, Y.I., Bobkov, V.V. , Onishchenko, A.V., Starovoitov, R.I.	Study of trapping and release of ion-implanted deuterium from tungsten films (2006) Bulletin of the Russian Academy of Sciences: Physics, 70 (8), pp. 1372-1376.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247507266&partnerID=40&md5=6922089cd95497fc6554d5ec298566a2
Penkov, A.V., Voronov, D.L., Zubarev, E.N., Kondratenko, V.V., Ponomarenko, A.G., Sevryukova, V.A., Bobkov, V.V. , Peregon, T.I., Tishchenko, L.P.	Ion-beam mixing in Mo/Si and Mo/C/Si/C periodic multilayers irradiated with He ions (2006) Bulletin of the Russian Academy of Sciences: Physics, 70 (6), pp. 1047-1050.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247094271&partnerID=40&md5=b1c9216693e536f8c300da9824ce0afcd
Pen'kov, O.V., Voronov, D.L., Zubarev, Ye.M., Kondratenko, V.V., Ponomarenko, O.G., Sevryukova, V.A., Bobkov, V.V. , Peregon, T.I., Tishchenko, L.P.	Temperature dependence of ion-beam interdiffusion in multilayered periodic Mo/Si coatings (2006) Metallofizika i Noveishie Tekhnologii, 28 (2), pp. 183-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646765439&partnerID=40&md5=03190967fcc59f17978e918dc5c35d3b
Tishchenko, L.P., Peregon, T.I., Koval', A.G., Bobkov, V.V. , Kovtunen, Y.I., Starovoitov, R.I.	Investigation of deuterium and helium thermal desorption from some AIIIBV compounds (2004) Poverkhnost' Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (12), pp. 85-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13644262057&partnerID=40&md5=b38015ea34aa1100c16af1b6c74b7208
Bobkov, V.V. , Gokov, S.P., Gritsyna, V.V., Gritsyna, V.T., Shevchenko, D.I.	Effect of oxide band structure on the emission process of excited atoms under ion bombardment (2004) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 218 (1-4), pp. 46-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342634496&doi=10.1016%2Fj.nimb.2003.12.013&partnerID=40&md5=b91e908690bc3d0cabed4a4975566290
Bobkov, V.V. , Alimov, S.S., Slyusarenko, Yu.V., Starovoitov, R.I.	Three-dimensional new formations on cathode surface in plasma of glow and magnetron discharges (2004) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 68 (3), pp. 332-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1942484335&partnerID=40&md5=dea9527651092d260aa829cbb4027a25
Bobkov, V.V. , Alimov, S.S., Bobkov, V.I.V., Slyusarenko, Yu.V., Starovoitov, R.I.	Growth of metal newborn formations on cathode surface under influence of plasma flow (2003) Surface and Coatings Technology, 174-175, pp. 1271-1275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144442486&doi=10.1016%2FIS0257-8972%2803%2900631-5&partnerID=40&md5=c118531c3f5dca9a06a8bb91ce5523b
Bobkov, V. , Azarenkov, M., Bizyukov, O., Bobkov, V.I.V., Noterdaeme, J.-M., Wilhelm, R.	Development of coatings to improve RF voltage stand-off (2003) Surface and Coatings Technology, 174-175, pp. 176-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042858388&doi=10.1016%2FIS0257-8972%2803%2900409-2&partnerID=40&md5=0a657078350105da5f44b2637be197e
Bizyukov, A.A., Bobkov, V.I.V. , Kashaba, A.Y., Sereida, K.N.	Improvement of current efficiency of ion sources based on Penning discharge (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, art. no. 6220163, pp. 272-275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864529974&partnerID=40&md5=11d5fe8b03f9e41c3cd077a9f4fcbcf9
Belevtsev, B.I., Krasovitsky, V.B., Bobkov, V.V. , Naugle, D.G., Rathnayaka, K.D.D., Parasiris, A.	Influence of high-energy electron irradiation on the transport properties of La _{1-x} CaxMnO ₃ films (x ≈ 1/3) (2000) European Physical Journal B, 15 (3), pp. 461-468.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043283153&partnerID=40&md5=165131d10f3f9ed7e7c7933abd20908
Parasiris, A., Rathnayaka, K.D.D., Naugle, D.G., Belevtsev, B.I., Krasovitsky, V.B., Bobkov, V.V.	Effect of high-energy electron irradiation on the transport and magnetoresistive behavior in La _{0.64} Ca _{0.36} MnO ₃ films (1998) International Journal of Modern Physics B, 12 (29-31), pp. 3409-3411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542536861&partnerID=40&md5=7b7657d3cc46ead04582c7a80a8d7203
Belevtsev, B.I., Kashirin, V.Yu., Komnik, Yu.F., Bobkov, V.V.	Peculiarities of electron weak localization and electron-electron interaction effects in disordered platinum films with magnetic impurities (1996) Fizika Nizkikh Temperatur (Kharkov), 22 (3), pp. 335-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3743050602&partnerID=40&md5=505a1e7475712f7f089a9bc7ec7b9b8c

79	Trusova, V.M. , Deligeorgiev, T., Gorbenko, G.	Liposomal Co-Encapsulation of Two Novel Europium Complexes and Doxorubicin: Fluorescence Study (2017) Journal of Fluorescence, 27 (4), pp. 1359-1363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014786210&doi=10.1007%2f10895-017-2070-x&partnerID=40&md5=86bc73e3ad0371a5672159ff22ad9a6
	Kurutos, A., Ryzhova, O., Tarabara, U., Trusova, V. , Gorbenko, G., Gadjev, N., Deligeorgiev, T.	Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic characterization in presence of biological molecules (2016) Journal of Photochemistry and Photobiology A: Chemistry, 328, pp. 87-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974678918&doi=10.1016%2fj.jphotochem.2016.05.019&partnerID=40&md5=33d5f3835494f28c1223524d8fc94496
	Kurutos, A., Ryzhova, O., Trusova, V. , Tarabara, U., Gorbenko, G., Gadjev, N., Deligeorgiev, T.	Novel asymmetric monomethine cyanine dyes derived from sulfobetaine benzothiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA (2016) Dyes and Pigments, 130, pp. 122-128.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496225515&doi=10.1016%2fj.dyepig.2016.03.021&partnerID=40&md5=23b3d976104bb2be6a74216fbc5f7727
	Trusova, V.M. , Gorbenko, G.P., Deligeorgiev, T., Gadjev, N.	Probing protein-lipid interactions by FRET between membrane fluorophores (2016) Methods and Applications in Fluorescence, 4 (3), art. no. 034014, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016447765&doi=10.1088%2f2050-6120%2f4%2f3%2f034014&partnerID=40&md5=718fab50bce45d527196f4db8b845d3
	Kurutos, A., Ryzhova, O., Trusova, V. , Gorbenko, G., Gadjev, N., Deligeorgiev, T.	Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects (2016) Journal of Fluorescence, 26 (1), pp. 177-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953399644&doi=10.1007%2f10895-015-1700-4&partnerID=40&md5=6632150e141a1b9c122c5686bec13a
	Trusova, V.M.	Amyloid fibrils: Dark side of protein aggregation (2015) YSF 2015 - International Young Scientists Forum on Applied Physics, art. no. 7333123, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962507683&doi=10.1109%2fYSF.2015.7333123&partnerID=40&md5=37b273bd2db56b351a61b0614436bb65
	Ryzhova, O., Tarabara, U., Trusova, V. , Kurutos, A.	Aggregation of cyanine dyes in lipid environment (2015) YSF 2015 - International Young Scientists Forum on Applied Physics, art. no. 7333131, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962531720&doi=10.1109%2fYSF.2015.7333131&partnerID=40&md5=869dfec6f5ca5a958f1f43281cfd460
	Gorbenko, G., Trusova, V. , Girysh, M., Adachi, E., Mizuguchi, C., Akaji, K., Saito, H.	FRET evidence for untwisting of amyloid fibrils on the surface of model membranes (2015) Soft Matter, 11 (31), pp. 6223-6234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938344159&doi=10.1039%2fc5sm00183h&partnerID=40&md5=c6184750543e7d880595536682d5d81a
	Trusova, V.M.	Protein Fibrillar Nanopolymers: Molecular-Level Insights into Their Structural, Physical and Mechanical Properties (2015) Biophysical Reviews and Letters, 10 (3), pp. 135-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946484718&doi=10.1142%2f1793048015300029&partnerID=40&md5=11a36614ea956ebd8bbcd1942d96dced
	Vus, K., Trusova, V. , Gorbenko, G., Sood, R., Kinnunen, P.	Thioflavin T derivatives for the characterization of insulin and lysozyme amyloid fibrils in vitro: Fluorescence and quantum-chemical studies (2015) Journal of Luminescence, 159, pp. 284-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84916625318&doi=10.1016%2fj.jlum.2014.10.042&partnerID=40&md5=c10ff4871eb777bc8dbb7916562b242b
	Gorbenko, G., Trusova, V. , Girysh, M., Adachi, E., Mizuguchi, C., Saito, H.	Interactions of lipid membranes with fibrillar protein aggregates (2015) Advances in Experimental Medicine and Biology, 855, pp. 135-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936754963&doi=10.1007%2f978-3-319-17344-3_6&partnerID=40&md5=d36e0c192616b43ea33d767da1f4bb6
	Trusova, V. , Gorbenko, G., Girysh, M., Adachi, E., Mizuguchi, C., Sood, R., Kinnunen, P., Saito, H.	Membrane effects of N-terminal fragment of apolipoprotein A-I: A fluorescent probe study (2015) Journal of Fluorescence, 25 (2), pp. 253-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925462772&doi=10.1007%2f10895-015-1501-9&partnerID=40&md5=fd6da27c9a2f8e766cf0c41b56a71d3
	Trusova, V.M. , Molotkovsky, J.G., Kinnunen, P.K.J., Gorbenko, G.P.	Structural aspects of cytochrome c-cardiolipin interactions: Förster resonance energy transfer study (2014) Cytochromes b and c: Biochemical Properties, Biological Functions and Electrochemical Analysis, pp. 173-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949500221&partnerID=40&md5=83a4f2c7d064e7e42b5f92d7c0216110
	Zhytniakivska, O., Trusova, V. , Gorbenko, G., Kirilova, E., Kalnina, I., Kirilov, G., Kinnunen, P.	Newly synthesized benzanthrone derivatives as prospective fluorescent membrane probes (2014) Journal of Luminescence, 146, pp. 307-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886992136&doi=10.1016%2fj.jlum.2013.10.015&partnerID=40&md5=620fb2d6dc8fba8109f3064311e55dc
	Zhytniakivska, O., Trusova, V. , Gorbenko, G., Kirilova, E., Kalnina, I., Kirilov, G., Molotkovsky, J., Tulkki, J., Kinnunen, P.	Location of novel benzanthrone dyes in model membranes as revealed by resonance energy transfer (2014) Journal of Fluorescence, 24 (3), pp. 899-907.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904061130&doi=10.1007%2f10895-014-1370-7&partnerID=40&md5=70efe46908a768d3b2149fa4cbba3e38
	Vus, K., Trusova, V. , Gorbenko, G., Sood, R., Kirilova, E., Kirilov, G., Kalnina, I., Kinnunen, P.	Fluorescence investigation of interactions between novel benzanthrone dyes and lysozyme amyloid fibrils (2014) Journal of Fluorescence, 24 (2), pp. 493-504.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899072552&doi=10.1007%2f10895-013-1318-3&partnerID=40&md5=60d26eb1df4fe0d2c8a8098c26cf8fd3
	Girysh, M., Gorbenko, G., Trusova, V. , Adachi, E., Mizuguchi, C., Nagao, K., Kawashima, H., Akaji, K., Lund-Katz, S., Phillips, M.C., Saito, H.	Interaction of Thioflavin T with amyloid fibrils of apolipoprotein A-I N-terminal fragment: Resonance energy transfer study (2014) Journal of Structural Biology, 185 (1), pp. 116-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890994330&doi=10.1016%2fj.jsb.2013.10.017&partnerID=40&md5=a64e0e1288b88354482ea62b16a31e
	Kutsenko, O.K., Trusova, V.M. , Gorbenko, G.P., Lipovaya, A.S., Slobozhanina, E.I., Lukyanenko, L.M., Deligeorgiev, T., Vasilev, A.	Fluorescence study of the membrane effects of aggregated lysozyme (2013) Journal of Fluorescence, 23 (6), pp. 1229-1237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886796701&doi=10.1007%2f10895-013-1254-2&partnerID=40&md5=87fb26aad0df940446b6570d570a95f9
	Trusova, V. , Yuditsev, A., Limanskaya, L., Gorbenko, G., Deligeorgiev, T.	Europium coordination complexes as potential anticancer drugs: Their partitioning and permeation into lipid bilayers as revealed by pyrene fluorescence quenching (2013) Journal of Fluorescence, 23 (1), pp. 193-202.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873188615&doi=10.1007%2f10895-012-1134-1&partnerID=40&md5=62fd00e7f92e3b9dad12bc7a9a78d809
	Gorbenko, G., Trusova, V. , Sood, R., Molotkovsky, J., Kinnunen, P.	The effect of lysozyme amyloid fibrils on cytochrome c-lipid interactions (2012) Chemistry and Physics of Lipids, 165 (7), pp. 769-776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868261934&doi=10.1016%2fj.chemphyslip.2012.10.001&partnerID=40&md5=3f19f051bfa380abcc271ecc7562cc1
	Trusova, V.M. , Gorbenko, G.P.	Fluorescence study on aggregated lysozyme and lipid bilayer interactions (2012) Journal of Photochemistry and Photobiology B: Biology, 113, pp. 51-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862237493&doi=10.1016%2fj.jphoto.2012.05.001&partnerID=40&md5=88a934dc41c81965ce2b227c84295ab
	Trusova, V.M. , Kirilova, E., Kalnina, I., Kirilov, G., Zhytniakivska, O.A., Fedorov, P.V., Gorbenko, G.P.	Novel benzanthrone aminoderivatives for membrane studies (2012) Journal of Fluorescence, 22 (3), pp. 953-959.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862196966&doi=10.1007%2f10895-011-1035-8&partnerID=40&md5=6d8099e8327f239aac6dc6109a31025
	Vus, K., Trusova, V. , Gorbenko, G., Kirilova, E., Kirilov, G., Kalnina, I., Kinnunen, P.	Novel aminobenzanthrone dyes for amyloid fibril detection (2012) Chemical Physics Letters, 532, pp. 110-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859161792&doi=10.1016%2fj.cplett.2012.02.061&partnerID=40&md5=608a43b99fdb1d29060c1d83e427eb6
	Kastorna, A., Trusova, V. , Gorbenko, G., Kinnunen, P.	Membrane effects of lysozyme amyloid fibrils (2012) Chemistry and Physics of Lipids, 165 (3), pp. 331-337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858716890&doi=10.1016%2fj.chemphyslip.2012.02.002&partnerID=40&md5=b9494aa1b76ecc29810ac89a1eaa4a1c
	Trusova, V.	Modulation of physiological and pathological activities of lysozyme by biological membranes (2012) Cellular and Molecular Biology Letters, 17 (3), pp. 349-375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863583352&doi=10.2478%2f11658-012-0015-6&partnerID=40&md5=255f76d9330c0b0bc31779aa461b7553
	Gorbenko, G., Trusova, V.	Protein aggregation in a membrane environment (2011) Advances in Protein Chemistry and Structural Biology, 84, pp. 113-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051875060&doi=10.1016%2fB978-0-12-386483-3.00002-1&partnerID=40&md5=5dba2b4ca394c82fbc60c4a72cdc3cd5
	Kutsenko, O.K., Trusova, V.M. , Gorbenko, G.P., Deligeorgiev, T., Vasilev, A., Kalioanova, S., Lesev, N.	Fluorescence study of lipid bilayer interactions of Eu(III) coordination complexes (2011) Journal of Fluorescence, 21 (4), pp. 1689-1695.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053385132&doi=10.1007%2f10895-011-0861-z&partnerID=40&md5=f79fc79828aa2fb921820411f4fab69
	Gorbenko, G., Trusova, V.	Effects of oligomeric lysozyme on structural state of model membranes (2011) Biophysical Chemistry, 154 (2-3), pp. 73-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952622421&doi=10.1016%2fj.bpc.2011.01.003&partnerID=40&md5=dee11789193694d90eda57a63b5b85b4
	Kaloyanova, S., Trusova, V.M. , Gorbenko, G.P., Deligeorgiev, T.	Synthesis and fluorescence characteristics of novel asymmetric cyanine dyes for DNA detection (2011) Journal of Photochemistry and Photobiology A: Chemistry, 217 (1), pp. 147-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650679091&doi=10.1016%2fj.jphotochem.2010.10.002&partnerID=40&md5=526f8f218235bed3cef62719a8f057a0

	Trusova, V.M. , Gorbenco, G.P., Sarkar, P., Luchowski, R., Akopova, I., Patsenker, L.D., Klochko, O., Tatarets, A.L., Kudriavtseva, Y.O., Terpetschnig, E.A., Gryczynski, I., Gryczynski, Z.	Förster resonance energy transfer evidence for lysozyme oligomerization in lipid environment (2010) Journal of Physical Chemistry B, 114 (50), pp. 16773-16782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650320093&doi=10.1021%2Fjp108976e&partnerID=40&md5=9fe58b7a1a0f7b9b812590e170ac69b
	Trusova, V.M. , Gorbenco, G.P., Molotkovsky, J.G., Kinnunen, P.K.J.	Cytochrome c-Lipid Interactions: New Insights from Resonance Energy Transfer (2010) Biophysical Journal, 99 (6), pp. 1754-1763.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957337176&doi=10.1016%2Fj.bp.2010.06.017&partnerID=40&md5=4c921e8a1b869ccf4794dbfbc1fb616e
	Trusova, V.M. , Gorbenco, G.P., Akopova, I., Molotkovsky, J.G., Gryczynski, I., Borejdo, J., Gryczynski, Z.	Morphological changes of supported lipid bilayers induced by lysozyme: Planar domain formation vs. multilayer stacking (2010) Colloids and Surfaces B: Biointerfaces, 80 (2), pp. 219-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955051857&doi=10.1016%2Fj.colsurfb.2010.06.011&partnerID=40&md5=bab366a3baa760acb24ab746d21c795
	Gorbenco, G., Trusova, V. , Kirilova, E., Kirilov, G., Kalnina, I., Vasilev, A., Kaloyanova, S., Deligeorgiev, T.	New fluorescent probes for detection and characterization of amyloid fibrils (2010) Chemical Physics Letters, 495 (4-6), pp. 275-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955427921&doi=10.1016%2Fj.cplett.2010.07.005&partnerID=40&md5=083aa54a3ee77d8c6f88f4ba6eeced6a
	Trusova, V.M. , Gorbenco, G.P., Deligeorgiev, T., Gadjev, N., Vasilev, A.	A novel squarylium dye for monitoring oxidative processes in lipid membranes (2009) Journal of Fluorescence, 19 (6), pp. 1017-1023.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72149094563&doi=10.1007%2F10895-009-0501-z&partnerID=40&md5=60a843e107f0b29e51284bae2a8230dc
	Gorbenco, G.P., Trusova, V.M. , Molotkovsky, J.G., Kinnunen, P.K.J.	Cytochrome c induces lipid demixing in weakly charged phosphatidylcholine/phosphatidylglycerol model membranes as evidenced by resonance energy transfer (2009) Biochimica et Biophysica Acta - Biomembranes, 1788 (6), pp. 1358-1365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65549159947&doi=10.1016%2Fj.bbmem.2009.03.007&partnerID=40&md5=d8f74a9e4b123c64b83201b46d3990254
	Yudintsev, A., Trusova, V. , Gorbenco, G., Deligeorgiev, T., Vasilev, A., Gadjev, N.	Lipid bilayer interactions of Eu(III) tris- β -diketonato coordination complex (2008) Chemical Physics Letters, 457 (4-6), pp. 417-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43549092009&doi=10.1016%2Fj.cplett.2008.04.058&partnerID=40&md5=4db1ee16ebfea9fa2dbbf670ce3420ca
	Trusova, V.M. , Gorbenco, G.P.	Electrostatically-controlled protein adsorption onto lipid bilayer: Modeling adsorbate aggregation behavior (2008) Biophysical Chemistry, 133 (1-3), pp. 90-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38749127948&doi=10.1016%2Fj.bpc.2007.12.007&partnerID=40&md5=5dfe3d4fda54599166af1e6b443136ee
80	Bykov, V. , Bykov, S., Kolchigin, N., Berezhnaya, T., Osinovy, G.	Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724176, pp. 156-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000366179&doi=10.1109%2FUWBUSIS.2016.7724176&partnerID=40&md5=489f34e7a802998c467b2451bf4ff96
	Bykov, V.N. , Bykov, S.N., Grichanyuk, A.M., Kolchigin, N.N., Krayushkin, V.A., Osinovy, G.G., Radzikovsky, V.N., Berezhnaya, T.D.	The matrix radiometric system for the imaging of ground objects in the millimeter band (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538063, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988026267&doi=10.1109%2FMSMW.2016.7538063&partnerID=40&md5=787e60869dd1a9b827ab5478fad5bf5a
	Bykov, V.N. , Ivanchenko, D.D., Kolchigin, N.N., Radzikovsky, V.N., Berezhnaya, T.D.	Multibeam antenna for the matrix radiometric imaging systems (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136840, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939441220&doi=10.1109%2FICATT.2015.7136840&partnerID=40&md5=c123081d01d9681057a02eac44cb852
	Bykov, V.N. , Ivanchenko, D.D., Kolchigin, N.N., Berezhnaya, T.D.	Multibeam antenna for the matrix of radiometric imaging system to imager operating (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650804, pp. 438-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898657148&doi=10.1109%2FICATT.2013.6650804&partnerID=40&md5=c6c374bfd3546f0e351c2c3a9524b2f
	Antyufeyev, V.I., Bykov, V.N. , Ivanchenko, D.D., Kolchigin, N.N., Berezhnaya, T.D.	The accuracy in potential of establishing the position of ground based objects by the matrix radiometer systems of remote sensing (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379746, pp. 102-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872239561&doi=10.1109%2FUWBUSIS.2012.6379746&partnerID=40&md5=b9b3a5b476151c841d22587ce4b642cf
	Antyufeyev, V.I., Bykov, V.N. , Ivanchenko, D.D., Kolchigin, N.N., Berezhnaya, T.D.	Estimation of influence of antenna radome noise temperatures on images formed by matrix radiometric systems (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6068859, pp. 1130-1131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455132654&partnerID=40&md5=0fb206f4fe79563955c8a2a72824aa19
	Shkhorbatov, Yu.G., Pasiuga, V.N., Grabina, V.A., Artemenchuk, O.V., Kolchigin, N.N., Bykov, V.N. , Ivanchenko, D.D.	Changes in human cell membrane permeability after irradiation by microwaves with different elliptical polarization (2010) KpbiMuKo 2010 CrMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5632943, pp. 1138-1139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650349741&partnerID=40&md5=a03661a26eb11a24bf594a4fe42bfb16
	Bykov, V.N. , Grichaniuk, A.M., Ivanchenko, D.D., Krayushkin, V.A., Zhlyavsky, A.A., Fedorova, S.V., Hudokormov, A.P., Rjapovol, E.V., Berezhnaya, T.D.	Wide-band measuring complex designed for remote control of thermal radio radiation produced by coke-oven batteries (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609113, pp. 278-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650149152&doi=10.1109%2FUWBUSIS.2010.5609113&partnerID=40&md5=9261b3068eb2fbbe07bc7f0c6c38e4a8
	Shkhorbatov, Y.G., Pasiuga, V.N., Goncharuk, E.I., Petrenko, T.P., Grabina, V.A., Kolchigin, N.N., Ivanchenko, D.D., Bykov, V.N. , Dumin, O.M.	Effects of differently polarized microwave radiation on the microscopic structure of the nuclei in human fibroblasts (2010) Journal of Zhejiang University: Science B, 11 (10), pp. 801-805.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958018022&doi=10.1631%2Fjzus.B1000051&partnerID=40&md5=9c57142406aa14613067851dc3ebf0ef
	Shkhorbatov, Y.G., Pasiuga, V.N., Kolchigin, N.N., Grabina, V.A., Batrakov, D.O., Kalashnikov, V.V., Ivanchenko, D.D., Bykov, V.N.	The influence of differently polarised microwave radiation on chromatin in human cells (2009) International Journal of Radiation Biology, 85 (4), pp. 322-329.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649206096&doi=10.1080%2F09553000902781113&partnerID=40&md5=50dd8a7a91141e92e69a75ab044c441
	Bykov, V.N. , Grichaniuk, A.M., Ivanchenko, D.D., Krayushkin, V.A., Litvinov, D.D., Berezhnaya, T.D.	Multispectral measurement complex for remote sensing (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, art. no. 4669433, pp. 270-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649217310&doi=10.1109%2FUWBUSIS.2008.4669433&partnerID=40&md5=138d376e8d259cdea4fa84963224373
	Shkhorbatov, Y.G., Pasiuga, V.N., Grabina, V.A., Bykov, V.N. , Ivanchenko, D.D.	The influence of circularly polarized microwave irradiation on properties of plasma membrane of human cells (2008) KpbiMuKo 2008 CrMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676619, pp. 829-830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049159211&doi=10.1109%2FICATT.2008.4676619&partnerID=40&md5=13b0b4aa264d95b7a2f68ed37cec76b
	Pasiuga, V.N., Grabina, V.A., Bykov, V.N. , Shkhorbatov, Y.G.	Long-term effects of low-level microwave radiation on mutation frequency in Drosophila (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368942, pp. 783-784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149093057&doi=10.1109%2FICATT.2007.4368942&partnerID=40&md5=19ef683ec949e65be9194ec3339c10ce
	Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M., Ivanchenko, D.D., Krayushkin, V.A.	A scanning measuring radiometry complex with computer control (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425253, pp. 486-488.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849111320&doi=10.1109%2FICATT.2007.4425253&partnerID=40&md5=60997a60b0358492b7969c2b1488151b
	Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M., Kozhushko, Ya.N., Krayushkin, V.A., Shokin, M.G.	Scanning radiometry measuring complex with programmed numerical control (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294850, pp. 890-892.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249130812&doi=10.1109%2FMSMW.2007.4294850&partnerID=40&md5=4fa13b3011549872e2b6ae9326608c99
	Shkhorbatov, Y., Pasiuga, V., Shakina, L., Grabina, V., Kolchigin, N., Ivanchenko, D., Kazansky, O., Bykov, V.	Drosophila melanogaster viability and mutability under the influence of low energy microwave monochromatic and ultra wideband impulse field (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425188, pp. 289-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849127731&doi=10.1109%2FICATT.2007.4425188&partnerID=40&md5=26cd8d67ed48fe2f9a61e6db519aac5f

	Berezhnoy, V.A., Demjanenko, Yu.A., Muskin, Y.N., Ivanov, B.V., Kuzhel, V.I., Kolisnichenko, M.V., Chmil, V.M., Yushchenko, B.I., Yatsik, P.A., Sidorenko, Y.B., Antyufeyev, V.I., Bykov, V.N.	Radiometry complex «zir» for high-speed radio-wave imaging (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294849, pp. 887-889.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249099411&doi=10.1109%2fMSMW.2007.4294849&partnerID=40&md5=eaf44fce07d56578478a9160aace0b3
	Antyufeyev, V.I., Bykov, V.N. , Chmil, V.V.	Theoretical efficiency estimate of a hierarchical correlation algorithm of image overlapping in correlation-extremal navigation systems (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (4), pp. 317-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548244559&doi=10.1615%2fTelecomRadEng.v66.i4.40&partnerID=40&md5=90a40864dc776edac33e5b5433e76dd7
	Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M., Krayushkin, V.A., Ivanchenko, D.D.	Application of filtration and pixel-by-pixel transform procedures for ultrawideband radiometry images visual quality improvement (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099321, pp. 379-381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249105164&doi=10.1109%2fUWBUSIS.2006.3072638&partnerID=40&md5=981b3d11e1e33546a09c749c06102748
	Antyufeyev, V.I., Bykov, V.N. , Kozhushko, Y.N.	The estimation of influence of radome aerodynamic heating on position finding reliability of radiometric navigation systems (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1497035, pp. 505-507.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745462969&doi=10.1109%2fICATT.2005.1497035&partnerID=40&md5=ef5801713b3df1aa0745610fa20e41
	Antyufeyev, V.I., Bykov, V.N. , Chmil, V.V.	Likelihood of correct image registration in the correlative-extremal navigation systems (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 64 (7), pp. 523-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846663508&doi=10.1615%2fTelecomRadEng.v64.i7.20&partnerID=40&md5=fdd761c46ccce7367f42c4e5ab466a23
	Antyufeyev, Y.I., Bykov, V.N. , Miroshnic, T.V., Sotnikov, A.M.	Analysis of technical capabilities of multichannel MMW radiometric sensors creation (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 229-231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344260292&partnerID=40&md5=566c5584167415a2acefaae810306a05
	Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M., Krayushkin, V.A., Shilo, S.A.	Radiometric observability estimation of military equipment samples in a millimeter-wave band (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 196-198.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344262618&partnerID=40&md5=21a27e6927e888236e9c442952443bb8
	Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M., Krayushkin, V.A., Sotnikov, A.M., Shilo, S.A.	Recognition capability experimental estimation of soft objects with radiometric systems (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 262-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644376443&partnerID=40&md5=b3799803280eb58537c5ba2a5bcaa58d
	Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M., Krayushkin, V.A., Orlov, S.V., Shilo, S.A.	Experimental estimation of influence of heated antenna radome on quality of functioning of radiometric information systems of infra-red and millimeter wave bands (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238832, pp. 671-673.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52249103350&doi=10.1109%2fICATT.2003.1238832&partnerID=40&md5=f846abc3c546867a98346aff682aea5
	Bykov, V.N. , Vasilchenko, I.I., Glebov, V.V., Kolchigin, N.N., Ivanchenko, D.D., Kurov, N.K., Litvinov, D.D., Tkachik, N.V., Shilo, S.A.	Hand-held reflectometers and radiometers and their application (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, art. no. 1238841, pp. 701-702.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946132705&doi=10.1109%2fICATT.2003.1238841&partnerID=40&md5=27e5027f0e88743da16843fdacae2f2d
	Antyufeyev, V.I., Bakulin, I.E., Bykov, V.N. , Grichaniuk, A.M., Miroshnik-Bykova, T.V.	A technique for improving the positioning accuracy of maximum-correlation radio navigation systems through the use of decision function approximation methods (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (9-10), pp. 143-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751195949&partnerID=40&md5=68ca96a5d8c28c350a8777b35e49e2bb
	Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M., Krayushkin, V.A.	MMW radiometric measuring complex for remote sensing of earth and water surface (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, art. no. 946887, pp. 460-462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966545964&doi=10.1109%2fMSMW.2001.946887&partnerID=40&md5=561f62993be27807d84df22b2420c453
	Bykov, V.N. , Vilchinskii, A.S., Prilepskiy, E.D.	Control of monochromatic radiation intensity distribution near the focal point (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (11), pp. 68-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144460971&partnerID=40&md5=8e6a0bc0312690535c1ae2e5c1128c3d
	Antyufeyev, V.I., Bykov, V.N. , Makarenko, B.I.	Efficiency of zone algorithms for object locating on radiometric images (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (8), pp. 14-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844456833&partnerID=40&md5=fdb1b083238ca3e7595a7d3941c6bd182
	Agafonov, Yu.N., Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M.	Potential accuracy in measuring object coordinates by earth surveying matrix systems (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (8), pp. 18-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844484342&partnerID=40&md5=ae5e29ee810f1baf6e5505b2986de2b
	Antyufeyev, V.I., Bykov, V.N. , Grichaniuk, A.M., Krayushkin, V.A., Ovsyannikov, Yu.V., Shokin, M.G.	Microwave radiometer measuring system for remote sensing of the earth's and water surfaces (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (10), pp. 67-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644386520&partnerID=40&md5=b952c3f72689cde44661149ef8ab6f47
	Bykov, V.N.	Size effect of the reference and current images upon operation of maximum-correlation air navigation systems (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (6-7), pp. 12-14.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044435112&partnerID=40&md5=7d456a4f23eff70eb3a0596da8e86bc1
	Bykov, V.N. , Vilchinskij, A.S., Mints, M.Ya., Prilepskiy, E.D.	Reconstruction of a continuous object by the discretized image (1997) Izvestiya VUZ: Radioelektronika, 40 (5), pp. 38-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031131401&partnerID=40&md5=941e933cd550394a674678b0638c2be
	Antyufeyev, V.I., Bykov, V.N. , Vilchinskij, A.S., Makarenko, B.I., Mints, M.Ya., Prilepskiy, E.D.	Object restoration using an image distorted by blurring (1996) Radiotekhnika, (8), pp. 56-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030201899&partnerID=40&md5=cdd3c2b9bd95d875966a7daa9a8ab1c
	Antyufeyev, V.I., Bykov, V.N. , Vilchinskij, A.S., Makarenko, B.I., Mints, M.Ya., Prilepskiy, E.D.	Application of the image discretization method to solving the extended object restoration problem (1996) Radiotekhnika, (8), pp. 51-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030201861&partnerID=40&md5=9ebc215dd6e340eb3ea376d9d87f56f5
81	Herashchenko, S.S., Makhilaj, V.A., Girka, O.I., Aksenov, N.N., Bizyukov, I.A., Malykhin, S.V., Surovitskiy, S.V., Sereda, K.N. , Bizyukov, A.A.	Erosion features of tungsten surfaces under combined steady-state and transient plasma loads (2016) Problems of Atomic Science and Technology, 106 (6), pp. 69-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007609863&partnerID=40&md5=7f877e50c8bfe7a9f3e1fc6d8b83269
	Makhilaj, V.A., Aksenov, N.N., Byrka, O.V., Chunadra, A.G., Herashchenko, S.S., Malykhin, S.V., Mikhailov, I.F., Sereda, K.N. , Surovitskiy, S.V.	Alloying and modification of stainless steels by powerful plasma streams (2016) Problems of Atomic Science and Technology, 106 (6), pp. 129-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007553544&partnerID=40&md5=533bfcfb3ce6a054b08fba268355c6c
	Girka, O., Bizyukov, O., Kolyada, Y., Sereda, K. , Bizyukov, I.	Extraction of fusion relevant ion species from discharge of focused anode layer thruster (2015) Problems of Atomic Science and Technology, 98 (4), pp. 22-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941112294&partnerID=40&md5=0d4cc88910a415a6c332b9153a7ec25
	Chunadra, A.G., Sereda, K.N. , Tarasov, I.K., Bizyukov, A.A., Karazin Kharkiv, V.N.	Increasing of mass transfer efficiency at magnetron deposition of metal coating (2015) Problems of Atomic Science and Technology, 95 (1), pp. 181-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923130218&partnerID=40&md5=6a4d739cab8438323fbb4a5b47f452ec
	Bizyukov, A.A., Sereda, K.N. , Chibisov, A.D., Romashchenko, E.V., Kovalenko, V.V.	Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam (2014) Problems of Atomic Science and Technology, 94 (6), pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918528760&partnerID=40&md5=e30c1040b65337efe74f543cddff62c
	Bizyukov, A.A., Chibisov, A.D., Sereda, K.N. , Romashchenko, E.V., Dimitrova, V.	Charging processes and phase states of macroparticles in low-pressure arc discharge (2013) Problems of Atomic Science and Technology, (4), pp. 176-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881569964&partnerID=40&md5=7bdc19f3b7d387e81622c68f2cc36b97

Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N. , Abolmasov, S.N.	Particle charging in beam-plasma systems (2013) Problems of Atomic Science and Technology, (1), pp. 183-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878237722&partnerID=40&md5=3accf051c10f2783109bf97c01bce7
Bizyukov, A.A., Sereda, K.N. , Sleptsov, V.V., Tarasov, I.K., Chunadra, A.G.	Pulsed magnetron sputtering system power supply without limitation and forced interruption of the discharge current (2013) Problems of Atomic Science and Technology, (1), pp. 225-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876178541&partnerID=40&md5=065c4809918c96288420bfd4ff9d772
Bizyukov, A.A., Girka, O.I., Romashchenko, E.V., Sereda, K.N. , Yunakov, N.N.	Self-compensation of the focused ion beam space charge (2013) Problems of Atomic Science and Technology, (1), pp. 204-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876169582&partnerID=40&md5=3492efb83fd5a9decea8e307c9cc07fa
Makhaj, V.A., Aksenov, N.N., Byrka, O.V., Garkusha, I.E., Bizyukov, A.A., Bizyukov, I.A., Girka, O.I., Sereda, K.N. , Bazdyreva, S.V., Malykhin, S.V., Pugachov, A.T.	Combined exposures of tungsten by stationary and transient hydrogen plasma heat loads: Preliminary results (2013) Problems of Atomic Science and Technology, (1), pp. 70-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876192977&partnerID=40&md5=36d33e9ffdb4b67341d741bcd6fcfb4
Bizyukov, A.A., Girka, A.I., Sereda, K.N. , Sleptsov, V.V., Romashchenko, E.V.	Longitudinal ion source with the current self-compensation of the focused ion beam (2012) Plasma Physics Reports, 38 (13), pp. 1032-1036.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871832557&doi=10.1134%2F1063780X12080077&partnerID=40&md5=e787d12a6a9a42d4df30da08dfbe1a69
Girka, O.I., Bizyukov, I.A., Bizyukov, A.A., Sereda, K.N. , Herashchenko, S.S.	Mass-separation of impurities in the ion beam systems with reversed magnetic beam focusing (2012) Problems of Atomic Science and Technology, (6), pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871786073&partnerID=40&md5=356284f694c25a0e595bc6fd601ff336
Bizyukov, A.A., Sereda, K.N. , Sleptsov, V.V., Tarasov, I.K., Chunadra, A.G.	High-current pulsed operation modes of the planar mss with magnetically insulated anode without transition to the arc discharge (2012) Problems of Atomic Science and Technology, (6), pp. 190-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871772804&partnerID=40&md5=ec4e855f4338ce9fddfd32ed0940ba20a
Girka, O., Bizyukov, I., Sereda, K. , Bizyukov, A., Gutkin, M., Sleptsov, V.	Compact steady-state and high-flux Falcon ion source for tests of plasma-facing materials (2012) Review of Scientific Instruments, 83 (8), art. no. 083501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865752752&doi=10.1063%2F1.4740519&partnerID=40&md5=4620559ab8f33e5975536df60428b7b2
Bizyukov, A.A., Girka, A.I., Sereda, K.N. , Sleptsov, V.V., Romashchenko, E.V.	Longitudinal ion source with a current self-compensation of the focused ion beam (2011) Applied Physics, (5), pp. 74-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886911277&partnerID=40&md5=02c6caf7b8626a2057901ddad817ac6
Bizyukov, A.A., Sereda, K.N. , Chibisov, A.D.	Charging processes of metal macroparticles in the low-temperature plasma at presence of high-energy electron beam (2011) Problems of Atomic Science and Technology, (1), pp. 107-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952463258&partnerID=40&md5=64fa10cb790613d93358256fd9cad0
Bizyukov, A.A., Bizyukov, I.A., Girka, O.I., Sereda, K.N. , Sleptsov, V.V., Gutkin, M., Mishin, S.	Ion beam system for Nanotrimming of functional microelectronics layers (2011) Problems of Atomic Science and Technology, (1), pp. 110-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952474562&partnerID=40&md5=e6e11ba5571f1db5947fee877eae7247
Bizyukov, A.A., Girka, O.I., Sereda, K.N. , Sleptsov, V.V., Chunadra, A.G.	Control of planar magnetron sputtering system operating modes by additional anode magnetic field (2010) Problems of Atomic Science and Technology, (6), pp. 144-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650609214&partnerID=40&md5=ca2af4683a1694cf16be8391ef12cb60
Bizyukov, A.A., Girka, O.I., Kashaba, A.Y., Romashchenko, E.V., Sereda, K.N. , Chibisov, A.D.	Phase states of macroparticles under interaction of keV ion beam with dusty plasma (2010) Problems of Atomic Science and Technology, (6), pp. 147-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650595301&partnerID=40&md5=3d42a59f6c7d20487ad2b67810e1eb1
Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N. , Chibisov, A.D.	Heating and evaporation of metal macroparticles in beam-plasma systems (2010) Problems of Atomic Science and Technology, (4), pp. 189-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149476526&partnerID=40&md5=7616e22330489f898b986e58b108507
Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N. , Chibisov, A.D.	Electric potential of a macroparticle in beam-plasma systems (2009) Plasma Physics Reports, 35 (7), pp. 499-501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349591826&partnerID=40&md5=93c9558ec22ee875b999df97209f8d54
Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N. , Chibisov, A.D.	Electric potential of a macroparticle in beam-plasma systems (2009) Plasma Physics Reports, 35 (6), pp. 499-501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349441028&doi=10.1134%2F1063780X09060063&partnerID=40&md5=cf0b5d15896961712825e5b8d99178ff
Bizyukov, O.A., Sereda, K.N. , Sleptsov, V.V.	High-current magnetron discharge with magnetic insulation of anode (2008) Problems of Atomic Science and Technology, (4), pp. 179-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549265503&partnerID=40&md5=8ffe5155de57a98eb55f6c27ee096865
Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N. , Chibisov, A.D., Nazarov, A.V.	Emission characteristics and potential of macroparticle in beam-plasma discharge (2008) Problems of Atomic Science and Technology, (6), pp. 162-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549260732&partnerID=40&md5=296f6c36bb403772bab2f8b7736ac319
Bizyukov, A.A., Girka, A.I., Sereda, K.N. , Nazarov, A.V., Romashchenko, E.V., Karazin, V.N.	Hall ion source with ballistic and magnetic beam focusing (2008) Problems of Atomic Science and Technology, (6), pp. 174-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549269447&partnerID=40&md5=78ef044d739b1edd7cc02ae5d5df36ff
Abolmasov, S.N., Bizyukov, A.A., Kawai, Y., Kashaba, A.Y., Maslov, V.I., Sereda, K.N.	Low-energy penning ionization gauge type ion source assisted by RF magnetron discharge (2002) Japanese Journal of Applied Physics, Part 1: Regular Papers and Short Notes and Review Papers, 41 (8), pp. 5415-5418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036698044&partnerID=40&md5=2ff3c1a2af01cb2d647e8dd01b33ea1
Bizyukov, A.A., Kashaba, A.Y., Sereda, K.N.	Longitudinal ion source with beam autocompensation (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, art. no. 6220164, pp. 276-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864549267&partnerID=40&md5=f3fa9a90b25b4d006ff72aa6e066d275
Bizyukov, A.A., Bobkov, V.I., Kashaba, A.Y., Sereda, K.N.	Improvement of current efficiency of ion sources based on Penning discharge (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, art. no. 6220163, pp. 272-275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864529974&partnerID=40&md5=11d5fe8b03f9e413cd077a9f4fcb9f
Bizyukov, A.A., Kashaba, A.Y., Maslov, V.I., Sereda, K.N. , Sereda, N.D., Tarasov, I.K., Abolmasov, S.N.	Ion beam formation in the field of double layer stabilized by spatial reversal of magnetic field (2000) Plasma Devices and Operations, 8 (3), pp. 147-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034458975&partnerID=40&md5=7ed20790862776bc6dfff0d2840b193c
Bizyukov, A.A., Kashaba, A.Y., Sereda, K.N.	Secondary emissive double layer in beam-plasma system (1999) IEEE Transactions on Plasma Science, 27 (1), pp. 159-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032633641&doi=10.1109%2F27.763106&partnerID=40&md5=ba97f47f9a7b95f62519463dd41bc527
Bizyukov, A.A., Kashaba, A.Y., Sereda, K.N.	Gas-discharge neutralizer for ion-beam system (1997) Review of Scientific Instruments, 68 (12), pp. 4415-4417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031375237&partnerID=40&md5=7bf8d56aba45d4e3360474e8c7d4a954
Bizyukov, A.A., Kashaba, A.E., Sereda, K.N. , Tseluyko, A.F., Yunakov, N.N.	Autocompensation of an ion beam in an accelerator with an anode sheath (1997) Technical Physics Letters, 23 (5), pp. 403-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031520696&partnerID=40&md5=6ba2184a682b23355ef78d2141b264d9e
Bizyukov, A.A., Sereda, K.N. , Sereda, N.D., Perevozchikov, B.N., Sleptsov, V.V.	A heavy-current impulsive ion source with an evaporated anode (1996) Instruments and Experimental Techniques, 39 (6), pp. 877-879.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343769562&partnerID=40&md5=715c9928b355f7017ee0176cb43eb064
Bizioukov, A.A., Kashaba, A.Y., Sereda, K.N. , Tseluyko, A.Ph., Yunakov, N.N.	Multichannel source of synthesized ion-electron flow (1996) Review of Scientific Instruments, 67 (12), pp. 4117-4119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5944231287&partnerID=40&md5=dba645f384d011cbb032dbb55ee3474
Bizioukov, A.A., Sereda, K.N. , Sereda, N.D.	Negative ion source on the secondary emission electrons (1996) IEEE International Conference on Plasma Science, p. 223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029701907&partnerID=40&md5=6391f96228b66747a30e3f54ab27cf25
Bizioukov, A.A., Kashaba, A.Y., Sereda, K.N.	Virtual anode in Hall source of ions (1996) IEEE International Conference on Plasma Science, pp. 159-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029725054&partnerID=40&md5=ed40cc3a2aa95d3218979c69a3a92be

82	Korokhin, V., Shkuratov, Y., Kaydash, V., Basilevsky, A., Rohachova, L., Velikodsky, Y., Opanasenko, N., Videen, G., Stankevich, D. , Kalubina, O.	Characterization of a photometric anomaly in lunar Mare Nubium (2016) Planetary and Space Science, 122, pp. 70-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957018108&doi=10.1016%2Fj.pss.2016.01.011&partnerID=40&md5=9ef130d7256270e69c8b377c112dbd7
	Shkuratov, Y., Kaydash, V., Korokhin, V., Velikodsky, Y., Petrov, D., Zubko, E., Stankevich, D. , Videen, G.	Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" (2013) Journal of Quantitative Spectroscopy and Radiative Transfer, 116, pp. 191-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871935233&doi=10.1016%2Fj.jqsrt.2012.11.004&partnerID=40&md5=224a2b9fec21fb50f1f293c80061f1f1
	Shkuratov, Y., Kaydash, V., Korokhin, V., Velikodsky, Y., Petrov, D., Zubko, E., Stankevich, D. , Videen, G.	A critical assessment of the Hapke photometric model (2012) Journal of Quantitative Spectroscopy and Radiative Transfer, 113 (18), pp. 2431-2456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868190967&doi=10.1016%2Fj.jqsrt.2012.04.010&partnerID=40&md5=be39aac6846b321d5182d9ef1607de37
	Korokhin, V.V., Kaydash, V.G., Shkuratov, Y.G., Stankevich, D.G. , Mall, U.	Prognosis of TiO ₂ abundance in lunar soil using a non-linear analysis of Clementine and LSCC data (2008) Planetary and Space Science, 56 (8), pp. 1063-1078.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649094541&doi=10.1016%2Fj.pss.2008.02.001&partnerID=40&md5=9acfc4600bfb3b65826be5109062dacc
	Stankevich, D. , Istomina, L., Shkuratov, Y., Videen, G.	The scattering matrix of random media consisting of large opaque spheres calculated using ray tracing and accounting for coherent backscattering enhancement (2007) Journal of Quantitative Spectroscopy and Radiative Transfer, 106 (1-3), pp. 509-519.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247515222&doi=10.1016%2Fj.jqsrt.2007.01.030&partnerID=40&md5=d29c2c1c81aca7fb0cf817a1f02e3431
	Stankevich, D. , Istomina, L., Shkuratov, Y., Videen, G.	Electromagnetic phase differences in the coherent backscattering enhancement mechanism for random media consisting of large nontransparent spheres (2007) Applied Optics, 46 (9), pp. 1562-1567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247503370&doi=10.1364%2FAO.46.001562&partnerID=40&md5=34e30d621e77ba963a678a179db395f
	Pieters, C., Shkuratov, Y., Kaydash, V., Stankevich, D. , Taylor, L.	Lunar soil characterization consortium analyses: Pyroxene and maturity estimates derived from Clementine image data (2006) Icarus, 184 (1), pp. 83-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747153305&doi=10.1016%2Fj.icarus.2006.04.013&partnerID=40&md5=5=3896af6298f81107bf937c1a43427e36
	Shkuratov, Y.G., Kaydash, V.G., Stankevich, D.G. , Starukhina, L.V., Pinet, P.C., Chevrel, S.D., Daydou, Y.H.	Derivation of elemental abundance maps at intermediate resolution from optical interpolation of lunar prospector gamma-ray spectrometer data (2005) Planetary and Space Science, 53 (12), pp. 1287-1301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644498521&doi=10.1016%2Fj.pss.2005.07.001&partnerID=40&md5=1f8b9135736317b88b19722d94a46f74
	Shkuratov, Y.G., Stankevich, D.G. , Petrov, D.V., Pinet, P.C., Cord, A.M., Daydou, Y.H., Chevrel, S.D.	Interpreting photometry of regolith-like surfaces with different topographies: Shadowing and multiple scattering (2005) Icarus, 173 (1), pp. 3-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12144254622&doi=10.1016%2Fj.icarus.2003.12.014&partnerID=40&md5=5=6ec2cc6be9b8895bbdac78d1e124ee15
	Stankevich, D. , Shkuratov, Yu.	Monte Carlo ray-tracing simulation of light scattering in particulate media with optically contrast structure (2004) Journal of Quantitative Spectroscopy and Radiative Transfer, 87 (3-4), pp. 289-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942648656&doi=10.1016%2Fj.jqsrt.2003.12.014&partnerID=40&md5=9f280b9ef820a889c07eac2f0733b1de
	Petrov, D.V., Shkuratov, Yu.G., Stankevich, D.G. , Shevchenko, V.V., Kozlova, E.A.	The Area of Cold Traps on the Lunar Surface (2003) Solar System Research, 37 (4), pp. 260-265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041571790&doi=10.1023%2FA%3a1025022130047&partnerID=40&md5=7092aeb39e84454416b0fcd9144cc6e1
	Shkuratov, Yu.G., Kreslavsky, M.A., Stankevich, D.G. , Kaydash, V.G., Pinet, P., Shevchenko, V.V., Foing, B.H., Josset, J.-L.	The SMART-1 Mission: Photometric Studies of the Moon with the AMIE Camera (2003) Solar System Research, 37 (4), pp. 251-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042574053&doi=10.1023%2FA%3a1025070013209&partnerID=40&md5=a343bbf47f8eba378c0805631fad568
	Shkuratov, Y.G., Stankevich, D.G. , Kaydash, V.G., Omelchenko, V.V., Pieters, C.M., Pinet, P.C., Chevrel, S.D., Daydou, Y.H., Foing, B.H., Sodnik, Z., Josset, J.-L., Taylor, L.A., Shevchenko, V.V.	Composition of the lunar surface as will be seen from SMART-1: A simulation using Clementine data (2003) Journal of Geophysical Research E: Planets, 108 (4), pp. 1-1.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042847294&partnerID=40&md5=7065fd81466d4346b9ab1debd77d5b9d
	Stankevich, D. , Shkuratov, Yu., Grynko, Ye., Muinonen, K.	Computer simulations for multiple scattering of light rays in systems of opaque particles (2003) Journal of Quantitative Spectroscopy and Radiative Transfer, 76 (1), pp. 1-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037208432&doi=10.1016%2FS0022-4073%2802%2900022-5&partnerID=40&md5=40abc0fab69755150b56265f43ef56a
	Stankevich, D.G. , Shkuratov, Yu.G.	Multiple scattering of light in regolith-like media: Geometric optics approximation (2002) Solar System Research, 36 (5), pp. 409-416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036396684&doi=10.1023%2FA%3a1020415505502&partnerID=40&md5=5d1d73a0509a44d321cfb3da5158ed8f
	Muinonen, K., Shkuratov, Yu., Ovcharenko, A., Piironen, J., Stankevich, D. , Miloslavskaya, O., Kaasalainen, S., Josset, J.-L.	The SMART-1 AMIE experiment: Implication to the lunar opposition effect (2002) Planetary and Space Science, 50 (14-15), pp. 1339-1344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036951468&doi=10.1016%2FS0032-0633%2802%2900128-9&partnerID=40&md5=47f3c0e81448339680df0ba3ac42cac4
	Stankevich, D.G. , Shkuratov, Yu.G.	Numerical Simulation of Multiple Light Scattering in Layers Consisting of Opaque Particles with a Dull Surface (Geometrical Optics Approximation) (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 92 (6), pp. 908-914.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141842606&doi=10.1134%2F1.1490030&partnerID=40&md5=e37f1101abe10c423f8f3c4d9e10ac0a
	Pieters, C.M., Stankevich, D.G. , Shkuratov, Yu.G., Taylor, L.A.	Statistical analysis of the links among Lunar mare soil mineralogy, chemistry, and reflectance spectra (2002) Icarus, 155 (2), pp. 285-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036107531&doi=10.1006%2Ficar.2001.6749&partnerID=40&md5=a54aa5417adcd307073823046ed9c9ca
	Stankevich, D.G. , Shkuratov, Yu.G., Petrov, D.V.	Estimation of the Area of the Perpetually Shaded Lunar Surface (2001) Solar System Research, 35 (6), pp. 452-457.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035566072&doi=10.1023%2FA%3a1013086812182&partnerID=40&md5=0775fb9b6c0524d862e287219e1271d5
	Grin'ko, E.S., Stankevich, D.G. , Shkuratov, Yu.G.	The Shadowing Effect for Regolith-like Surfaces (2001) Solar System Research, 35 (6), pp. 444-451.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042379853&doi=10.1023%2FA%3a101304828112&partnerID=40&md5=17ef4eae920e212ed1a496553ac4940
	Muinonen, K., Stankevich, D. , Shkuratov, Yu.G., Kaasalainen, S., Piironen, J.	Shadowing effect in clusters of opaque spherical particles (2001) Journal of Quantitative Spectroscopy and Radiative Transfer, 70 (4-6), pp. 787-810.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035967804&doi=10.1016%2FS0022-4073%2801%2900046-2&partnerID=40&md5=7ce1a90a72a57b077a03606aa153598f
	Stankevich, D.G. , Shkuratov, Yu.G.	The shadowing effect in regolith-type media: Numerical modeling (2000) Solar System Research, 34 (4), pp. 285-294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041966738&partnerID=40&md5=8e597623ac579bb341db2bda3766fce2
	Stankevich, D.G. , Shkuratov, Yu.G., Muinonen, K.O., Miloslavskaya, O.V.	Simulation of shadings in systems of opaque particles (2000) Optika i Spektroskopiya, 88 (4), pp. 682-685.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0004999929&partnerID=40&md5=88e54731f5a9d433506fa30057bd3a4
	Kreslavsky, M.A., Shkuratov, Yu.G., Velikodsky, Yu.I., Kaydash, V.G., Stankevich, D.G. , Pieters, C.M.	Photometric properties of the lunar surface derived from Clementine observations (2000) Journal of Geophysical Research E: Planets, 105 (E8), pp. 20281-20295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033764988&partnerID=40&md5=800871ba92bc352660170e28bc33629
	Stankevich, D.G. , Shkuratov, Yu.G., Muinonen, K.O., Miloslavskaya, O.V.	Simulation of Shadings in Systems of Opaque Particles (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (4), pp. 619-622.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012922180&doi=10.1134%2F1.626848&partnerID=40&md5=b7bd8a23119ee0259080f75c49cd9f1
	Stankevich, D.G. , Shkuratov, Yu.G., Muinonen, K.	Shadow-hiding effect in inhomogeneous layered particulate media (1999) Journal of Quantitative Spectroscopy and Radiative Transfer, 63 (2-6), pp. 445-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032748673&doi=10.1016%2FS0022-4073%2899%2900030-8&partnerID=40&md5=a5250cfc0ca23a536ab99b778ec27ae9
	Shkuratov, Y.G., Kreslavsky, M.A., Ovcharenko, A.A., Stankevich, D.G. , Zubko, E.S., Pieters, C., Arnold, G.	Opposition Effect from Clementine Data and Mechanisms of Backscatter (1999) Icarus, 141 (1), pp. 132-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009082889&doi=10.1006%2Ficar.1999.6154&partnerID=40&md5=3c5e1df192ff28b7937862aadbbd7797
	Shkuratov, Yu.G., Stankevich, D.G. , Ovcharenko, A.A., Ksanfomaliti, L.V., Petrova, E.V., Arnold, G.	Amplitude of the Martian opposition effect from the phobos-2 data (1998) Solar System Research, 32 (2), pp. 90-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22044439628&partnerID=40&md5=41a667f3739a3f0e6066a73228eb2ac
	Shkuratov, Yu.G., Stankevich, D.G. , Ovcharenko, A.A., Korokhin, V.V.	A Study of light backscattering from planetary-regolith-type surfaces at phase angles 0.2°-3.5° (1997) Solar System Research, 31 (1), pp. 50-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644515335&partnerID=40&md5=578f8f4682dc3cf2f175f54a03af9c63

	Stankevich, D.G., Shkuratov, Yu.G., Naidenov, A.N.	Photometry and colorimetry of the Moon from the Galileo data (1997) Solar System Research, 31 (2), pp. 108-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141670783&partnerID=40&md5=47115951599db2a78184a030f62a2620
	Shkuratov, Yu.G., Stankevich, D.G., Opanasenko, N.V., Kaidash, V.G., Bondarenko, N.V.	Relationship between Albedo and Color Index of the Moon (1997) Solar System Research, 31 (1), pp. 41-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21744462463&partnerID=40&md5=745f046c5e25e0db5d353da83b48d5b
	Shkuratov, Yu.G., Melkumova, L.Ya., Opanasenko, N.V., Stankevich, D.G.	Phase dependence of the color index of solid surfaces of celestial bodies (1996) Solar System Research, 30 (1), pp. 71-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2134445038&partnerID=40&md5=66309bc644ea146bf253beb0db5e77ca
	Opanasenko, N.V., Shkuratov, Yu.G., Stankevich, D.G., Kaidash, V.G.	Colorimetric mapping of the visible hemisphere of the moon (1996) Solar System Research, 30 (5), pp. 352-361.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21444444692&partnerID=40&md5=9e3c6dea0e68227b07b68b01b1d7426
	Shkuratov, Yu.G., Starukhina, L.V., Kreslavsky, M.A., Opanasenko, N.V., Stankevich, D.G., Shevchenko, V.G.	Principle of Undulatory Invariance in Photometry of Atmosphereless Celestial Bodies (1994) Icarus, 109 (1), pp. 168-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007457754&doi=10.1006%2f1994.1084&partnerID=40&md5=093e34b5aebdf0223ebf6d467c8a52e6
	Shkuratov, Yu.G., Muinonen, K., Bowell, E., Lumme, K., Peltoniemi, J.I., Kreslavsky, M.A., Stankevich, D.G., Tishkovetz, V.P., Opanasenko, N.V., Melkumova, L.Y.	A Critical review of theoretical models of negatively polarized light scattered by atmosphereless solar system bodies (1994) Earth, Moon, and Planets, 65 (3), pp. 201-246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000969367&doi=10.1007%2fBF00579535&partnerID=40&md5=542622842e86661607d413024cda7ce0
	Bazilevski, A.T., Bobina, N.N., Shashkina, V.P., Shkuratov, Yu.G., Kornienko, Yu.V., Usikov, A.Ya., Stankevich, D.G.	On geological processes on venus: Analysis of the relationship between altitude and degree of surface roughness (1982) The Moon and the Planets, 27 (1), pp. 63-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644500641&doi=10.1007%2fBF00941558&partnerID=40&md5=2f003c31c04def3066548e09dcf9833
83	El'tsov, A.V., Sokolova, N.B., Grigor'ev, A.D., Dmitrieva, N.M., Shtol'vin, A.S.	Synthesis of quinzarin and its derivatives under conditions of microwave activation (2002) Russian Journal of General Chemistry, 72 (2), pp. 255-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036264820&doi=10.1023%2fA%3a10155820270&partnerID=40&md5=fa32ce922710cb9f47132c68a8546678
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Martynova, V.P., Samoilov, D.V., El'tsov, A.V.	Protolytic properties of thiofluorescein and its derivatives (2002) Russian Journal of General Chemistry, 72 (5), pp. 785-792.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036340949&doi=10.1023%2fA%3a1019524722318&partnerID=40&md5=3d3972ad16427a54d37c01938f5e2a9
	Zakhs, E.R., Ponyaev, A.I., Subbotina, M.A., El'tsov, A.V.	Synthesis and photochromic properties of 2-(3-nitro-2-pyridylmethyl)benzoxazoles (2001) Russian Journal of General Chemistry, 71 (7), pp. 1076-1087.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035528118&doi=10.1023%2fA%3a1013237222718&partnerID=40&md5=c6bd6445eb46d5b13cd0e11a7f798a72
	Ponyaev, A.I., Martynova, V.P., El'tsov, A.V.	Photophysical and photocatalytic parameters of sulfo and tetrabromosulfo derivatives of fluorescein (2001) Russian Journal of General Chemistry, 71 (11), pp. 1744-1750.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23044532229&partnerID=40&md5=80613aff3df16c5cc423de44147ef41
	Rtishchev, N.I., Samoilov, D.V., Martynova, V.P., El'tsov, A.V.	Luminescence properties of nitro derivatives of fluorescein (2001) Russian Journal of General Chemistry, 71 (9), pp. 1467-1478.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035437962&doi=10.1023%2fA%3a1013974507390&partnerID=40&md5=a44e94c1e441817a517064afa4b6a9c
	Matveev, M.R., Ponyaev, A.I., El'tsov, A.V.	Photochromic properties of ortho-methylnitrobenzothiazoles in Solution (2001) Russian Journal of General Chemistry, 71 (8), pp. 1286-1292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035413409&doi=10.1023%2fA%3a1013241516204&partnerID=40&md5=7ec5a14a8ea0b48e97d900fde21ff8e2
	Dobrodei, A.N., El'tsov, A.V.	Synthesis and reactions of 6-Bromo-5-nitro-2,3-phenylquinoxaline (2000) Russian Journal of General Chemistry, 70 (1), pp. 158-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034354308&partnerID=40&md5=297ebe8a42d4fbbce5ad351c81ec2bd89
	Samoilov, D.V., Mchedlov-Petrosyan, N.O., Martynova, V.P., El'tsov, A.V.	Protolytic equilibria of fluorescein nitro derivatives (2000) Russian Journal of General Chemistry, 70 (8), pp. 1259-1271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034346781&partnerID=40&md5=8a50996d345e18280e819431b2c5757a
	Samoilov, D.V., Martynova, V.P., El'tsov, A.V.	Nitro derivatives of fluorescein (1999) Russian Journal of General Chemistry, 69 (9), pp. 1450-1460.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033234232&partnerID=40&md5=008594bcaff44b37399ad081d8cd39c
	Rtishchev, N.I., Dobrodei, A.N., El'tsov, A.V.	Spectral-luminescent properties of 2,3-diphenyl-6-X-quinoxalines (1999) Russian Journal of General Chemistry, 69 (1), pp. 1658-1668.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033473617&partnerID=40&md5=6a90556d09a38f9d583111c0cf370dc
	El'tsov, A.V., Sokolova, N.B., Dmitrieva, N.M., Grigor'ev, A.D., Ivanov, A.S.	Synthesis of nitrogenous heterocycles under microwave activation (1999) Russian Journal of General Chemistry, 69 (8), pp. 1317-1320.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033234041&partnerID=40&md5=371b702eebe4a0237fc7ac9b601c342c
	Shtyrkov, I.M., Matveev, M.R., Selitrenikov, A.V., El'tsov, A.V.	Quantum-Chemical Study of Photochromism of o-Nitromethyl Benzazole Derivatives (1998) Russian Journal of General Chemistry, 68 (8), pp. 1289-1299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032236277&partnerID=40&md5=174dbd68d0903169bb15e922efa984
	Dobrodei, A.N., El'tsov, A.V.	6-Lithioquinoxalines and Their Transformations (1998) Russian Journal of General Chemistry, 68 (4), pp. 620-629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032344782&partnerID=40&md5=c73808bf023e33a70c2afc15b8c76d4
	Rtishchev, N.I., Selitrenikov, A.V., El'tsov, A.V.	Photochemical Transformations of 5-Nitroquinoxalines (1998) Russian Journal of General Chemistry, 68 (3), pp. 451-462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032352267&partnerID=40&md5=566770e6a715c9d5b936bcd54afc4e7
	Grigor'ev, A.D., Dmitrieva, N.M., El'tsov, A.V., Ivanov, A.S., Panarina, A.E., Sokolova, N.B.	Microwave Activation of the Synthesis of Dinitrodiphenylamines (1997) Russian Journal of General Chemistry, 67 (6), pp. 981-982.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031331193&partnerID=40&md5=81c6e1f2aa1d0b4113629e96a587f98e
	El'tsov, A.V., Sokolova, N.B., Dmitrieva, N.M.	Sulfonation and Desulfonation of Naphthalene under Conditions of Microwave Activation (1997) Russian Journal of General Chemistry, 67 (2), pp. 295-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031315660&partnerID=40&md5=f476003a40bef0d5b552a3a98db07362
	El'tsov, A.V., Selitrenikov, A.V., Rtishchev, N.I.	Photoinduced Nitro-Nitrite Rearrangement of 5-Nitroquinoxalines (1997) Russian Journal of General Chemistry, 67 (2), pp. 285-294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031315296&partnerID=40&md5=09d360575ef143eb2875d4c734ac1582
	Rudaya, L.I., Klimova, N.V., Bogolyubova, S.S., Khromenkov, O.V., Lebedeva, G.K., Smirnova, G.S., El'tsov, A.V.	New silicon-containing high-temperature resist composites (1996) Russian Journal of Applied Chemistry, 69 (5), pp. 724-729.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644552832&partnerID=40&md5=c2c2e8f45e779a326cc875d2fe735cd0
	Bagal, I.L., Luchkevich, E.R., El'tsov, A.V.	Transformations of Diazonium Salts. III. Transformations, Acid-Base Properties, and Reactivity of Nitronaphthylidiazonium Salts (1996) Russian Journal of General Chemistry, 66 (1), pp. 119-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030336476&partnerID=40&md5=469cf083274e510d5a1166d620d79bd4
	Tretyakov, A.V., Rudaya, L.I., El'tsov, A.V., Larin, M.F., Lopyrev, V.A.	Carbon -13 NMR spectra of isomeric 2-arylimidazopyridines (1985) Magnetic Resonance in Chemistry, 23 (1), pp. 7-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986815628&doi=10.1002%2fmrc.1260230104&partnerID=40&md5=607b2ac2840d2e5aef69f6f46e9bf7a5
	Timpe, H.-J., El'tsov, A.V.	Pseudoazulenes (1983) Advances in Heterocyclic Chemistry, 33 (C), pp. 185-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001417587&doi=10.1016%2fS0065-2725%2f2808%2f2960054-9&partnerID=40&md5=d4bf1ce0a11ce1e80683db6ca8024c
	Panfilova, E.A., Kvitko, I.Ya., El'tsov, A.V.	Investigation of the reaction of 1-methyl-2,5-dichloro-3,4-diformylpyrrole with amines (1981) Chemistry of Heterocyclic Compounds, 17 (11), pp. 1084-1088.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3425023287&doi=10.1007%2fBF00506456&partnerID=40&md5=39088e718c6aa27900f9732d5e429f3f
	Krutovskikh, G.N., Gornaeva, G.F., Krivozheiko, K.M., Girshovich, M.Z., Varmanyan, L.P., El'tsov, A.V.	Radioprotectant properties of some benzimidazole derivatives (1980) Pharmaceutical Chemistry Journal, 14 (2), pp. 130-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250251311&doi=10.1007%2fBF00765914&partnerID=40&md5=0c70ea73a80ae03f49db3957ac43172
	Kvitko, I.Ya., Smirnova, V.A., El'tsov, A.V.	Research on aminomethylene derivatives of azoles - 24. Cyclization of thiohippuric acid in the presence of the vilsmeier reagent (1980) Chemistry of Heterocyclic Compounds, 16 (1), pp. 28-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250257997&doi=10.1007%2fBF00475385&partnerID=40&md5=ee44046b5a69c1e1c9a7c81a0410218a

	Ilyushin, V.V., Alekseev, E.A., Dyubko, S.F., Baskakov, O.I.	Microwave Spectroscopy of the Ground, v18, 2v18, and v11 Vibrational States of CF ₃ CFH ₂ (1999) Journal of Molecular Spectroscopy, 195 (2), pp. 246-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001717228&partnerID=40&md5=45b8f44535ee0731d34acb171cf6ce06
	Baskakov, O.I.	Assignment of some laser transitions in the HCOOD molecule (1999) Quantum Electronics, 29 (3), pp. 226-228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033092652&doi=10.1070%2FQE1999v02n03ABEH001457&partnerID=40&md5=c0bb1d8cfe39d59651ea71a9cd55ff99
	Baskakov, O.I. , Burger, H., Jerzembeck, W.	The coriolis-coupled states v7 = 1 and v9 = 1 of trans-HCOOD and trans-DCOOD (1999) Journal of Molecular Spectroscopy, 193 (1), pp. 33-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0003336596&partnerID=40&md5=0414fc899f3778b7bbbe3e1a865ab727
	Alekseev, E.A., Baskakov, O.I. , Dyubko, S.F.	Microwave spectrum of selenium dioxide (1997) Proceedings of SPIE - The International Society for Optical Engineering, 3090, pp. 163-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2642564008&doi=10.1117%2F12.267756&partnerID=40&md5=a6948d6a613454afb49fdaf4e9f848e4
	Baskakov, O.I.	Rotational spectrum of the excited vibrational states of DCOOH and assignment of optically pumped laser transitions (1996) Journal of Molecular Spectroscopy, 180 (2), pp. 266-276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000673998&doi=10.1006%2Fjmsp.1996.0249&partnerID=40&md5=233c5616b2ec7178c2076ecb47b71a86
	Baskakov, O.I. , Dyubko, S.F., Ilyushin, V.V., Efimenko, M.N., Efremov, V.A., Podnos, S.V., Alekseev, E.A.	Microwave spectroscopy of vinyl cyanide, taking into account the hyperfine structure (1996) Journal of Molecular Spectroscopy, 179 (1), pp. 94-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002592261&doi=10.1006%2Fjmsp.1996.0188&partnerID=40&md5=49a2fe0aa2dbc5e591bf11f11be0529e
	Baskakov, O.I. , Pashaev, M.A.O.	Microwave and submillimeter-wave rotational spectrum of methyl alcohol in the ground torsional state (1992) Journal of Molecular Spectroscopy, 151 (2), pp. 282-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042864216&doi=10.1016%2F0022-2852%2892%2990565-6&partnerID=40&md5=92d6ae6eb1da9fe1bf048a1b1ca1839c
	Baskakov, O.I. , Dyubko, S.F., Sirota, S.V.	Rotational spectra of the H13COOD, D13COOH, and D13COOD molecules at millimeter wavelengths (1991) Journal of Applied Spectroscopy, 54 (5), pp. 424-427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001353263&doi=10.1007%2FBF00660015&partnerID=40&md5=fc6e703be4901b7a36ff3b349e2e9c0
	Baskakov, O.I. , Polevoy, B.I., Sukhno, O.I., Shevyrev, A.S., Efimenko, M.N., Dyubko, S.F.	The submillimeter rotational spectrum of CD ₃ Cl (1986) Journal of Applied Spectroscopy, 44 (3), pp. 258-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022675156&doi=10.1007%2FBF00662058&partnerID=40&md5=d3304b8934cdf0385cdcb225d63bc477
	Dyubko, S.F., Fesenko, L.D., Baskakov, O.I.	INVESTIGATION OF SUBMILLIMETER-WAVE AMPLIFICATION IN OPTICALLY PUMPED MOLECULAR GASES. (1977) Sov J Quantum Electron, 7 (7), pp. 859-862.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017513780&partnerID=40&md5=c1b6d8b1638578410f8d9bc0a32e7f5d
	Baskakov, O.I. , Dyubko, S.F., Moskienko, M.V., Fesenko, L.D.	IDENTIFICATION OF ACTIVE TRANSITIONS IN A FORMIC ACID VAPOR LASER. (1977) Sov J Quantum Electron, 7 (4), pp. 445-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017482924&partnerID=40&md5=6f5a33d20d3fdb0e5e253570b3fc7e29
	Baskakov, O.I. , Moskienko, M.V., Dyubko, S.F.	Submillimeter rotational spectrum of 1,1-difluoroethylene (1976) Journal of Applied Spectroscopy, 24 (6), pp. 772-773.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016967104&doi=10.1007%2FBF00612222&partnerID=40&md5=a2ffbf305a0cf80ed975aeb533e2553e
	Baskakov, O.I.	Hamiltonian of a nonrigid top (1976) Journal of Applied Spectroscopy, 24 (1), pp. 117-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016907761&doi=10.1007%2FBF01100740&partnerID=40&md5=007912dc93afe904e497f5d386cd67c7
	Baskakov, O.I. , Moskienko, M.V., Dyubko, S.F.	Investigation of the rotation spectra of HCOOH, DCOOH, HCOOD, and DCOOD in the submillimeter range (1975) Journal of Applied Spectroscopy, 23 (4), pp. 1377-1379.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016567733&doi=10.1007%2FBF00618090&partnerID=40&md5=b178665116f5bf9f7a3f40a06aab9a19
	Dyubko, S.F., Fesenko, L.D., Baskakov, O.I. , Svich, V.A.	Application of the CD ₃ I, CH ₃ I, and CD ₃ Cl molecules as active elements of optically pumped submillimeter lasers (1975) Journal of Applied Spectroscopy, 23 (2), pp. 1114-1116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3425039228&doi=10.1007%2FBF00611759&partnerID=40&md5=4745b92739b7dedcb6c9b555c63906d
85	Blinova, N.K. , Yatsuk, L.P., Sachko, V.O., Selutin, A.V.	On the reliability of the mathematical model of coupling the waveguide and free half space by a wire segment through a small round aperture (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724170, pp. 136-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000796990&doi=10.1109%2FUWBUSIS.2016.7724170&partnerID=40&md5=ff46418120774a66fd5632509511a26b
	Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P., Blinova, N.K. , Penkin, Y.M., Dakhov, V.M.	Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, art. no. 7543971, pp. 388-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984973594&doi=10.1109%2FMMET.2016.7543971&partnerID=40&md5=1bfb84d3033708d6cdad60e1adcc2704
	Blinova, N.K. , Yatsuk, L.P., Sachko, V.O.	Energy characteristics of wire vibrator connecting a rectangular waveguide and the free half space through a small hole (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, art. no. 7538052, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987947995&doi=10.1109%2FMSMW.2016.7538052&partnerID=40&md5=43b80cb5ae40b7da9cac085ad00919b4
	Blinova, N.K. , Yatsuk, L.P., Selyutin, A.V.	Synthesis of a transverse slot grating in a slow wave-supporting waveguide with specified power and directivity characteristics in the case of frequency scanning (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (9), pp. 771-780.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983465291&partnerID=40&md5=b1b89360f65fcd3af84c64caa6cd659b
	Berdnik, S.L., Blinova, N.K. , Katrich, V.A., Nesterenko, M.V., Penkin, Y.M.	Spherical antenna with a Clavin radiator (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, art. no. 7324256, pp. 75-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959239784&doi=10.1109%2FDIPED.2015.7324256&partnerID=40&md5=63678c81b0b5af4fa983db37dc133705
	Yatsuk, L.P., Blinova, N.K. , Lyakhovsky, A.F., Lyakhovsky, A.A., Selutin, A.V.	Theory questions of waveguide-slot structures with dielectric insertions (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136823, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939455994&doi=10.1109%2FICATT.2015.7136823&partnerID=40&md5=4fab6b2813df622a42c1cf878ea6655
	Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Blinova, N.K.	Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6959494, pp. 491-492.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915750493&doi=10.1109%2FCRMICO.2014.6959494&partnerID=40&md5=3d5b04740377ac8be2ba9da05e5efac0
	Blinova, N.K. , Gorobets, N.N., Selutin, A.V.	Longitudinal-transverse waveguide polarization selectors (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6653026, pp. 712-713.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891065761&partnerID=40&md5=4c2a4b775c462f39bd5f9f630e1a345
	Blinova, N.K. , Yatsuk, L.P.	Optimization of parameters of resonance system based on transverse slots in the rectangular waveguide with slow-wave structure (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650711, pp. 160-162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898642468&doi=10.1109%2FICATT.2013.6650711&partnerID=40&md5=1c3042314734b806bb91d6ce19acfc2b
	Blinova, N. , Yatsuk, L., Lyakhovsky, A.	Energy parameters and directional characteristics of a finite system of transverse slots in rectangular waveguide with the dielectric layer (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379810, pp. 294-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872230290&doi=10.1109%2FUWBUSIS.2012.6379810&partnerID=40&md5=b2eb75c6e5102c74ad5dd005926062f2
	Selutin, A., Blinova, N. , Yatsuk, L.	Energy and polarization characteristics of X-slots in the waveguide with a dielectric heterogeneity and complex load (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379806, pp. 281-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872257566&doi=10.1109%2FUWBUSIS.2012.6379806&partnerID=40&md5=525195176d85b704a63ec56c2b9a8a3a
	Lyakhovsky, A.A., Lyakhovsky, A.F., Blinova, N.K. , Yatsuk, L.P.	Characteristics of linear slotted waveguide arrays on the rectangular waveguide with two-layer dielectric filling at excitation by the slowed down dominant mode (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, art. no. 6170727, pp. 132-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859939662&doi=10.1109%2FICATT.2011.6170727&partnerID=40&md5=55f2172743a41edd92d7afba4218867

	Blinova, N.K. , Yatsuk, L.P.	Control of polarization and energetic characteristics of X-like slots in a rectangular waveguide using dielectric inhomogeneities (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, art. no. 6069067, pp. 589-590.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455132352&partnerID=40&md5=93fca3e03d04321c87fee67f698b0af
	Blinova, N.K.	An antenna array with double transversely arranged slots at a waveguide with dielectric-covered slow-wave structure (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (8), pp. 657-662.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960376532&doi=10.1615%2FtelecomRadEng.v70.i8.10&partnerID=40&md5=06225cb86b612272f0a47b18ac851dd3
	Blinova, N.K. , Lyakhovsky, A.A., Yatsuk, L.P.	Multielement systems of double slots in rectangular waveguide with partial dielectric filling (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609103, pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650135654&doi=10.1109%2FUWBUSIS.2010.5609103&partnerID=40&md5=2b8e844ee39ade717c7b063711a45de4
	Yatsuk, L., Blinova, N. , Lyakhovsky, A.	About possibilities of scanning the beam from a set of transverse slots in rectangular waveguide with dielectric layer (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 5611394, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649260601&doi=10.1109%2FMMET.2010.5611394&partnerID=40&md5=3a08dfb7ebf5735588bc3a96bf8c6efd
	Blinova, N. , Lyakhovsky, A., Yatsuk, L.	Slot radiators in a rectangular waveguide partly filled with dielectric (2008) 2008 5th European Radar Conference Proceedings, EuRAD 2008, art. no. 4760839, pp. 212-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63149191280&partnerID=40&md5=bf23808186cc019aa3685c91dc1d6883
	Yatsuk, L., Lyakhovsky, A.A., Blinova, N. , Lyakhovsky, A.F.	Physical properties of narrow slots in a rectangular waveguide with dielectric layer (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 4580978, pp. 311-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749088313&doi=10.1109%2FMMET.2008.4580978&partnerID=40&md5=535ec9d4348e27028cca45b3b06c757e
	Blinova, N.K. , Lyakhovsky, A.A., Yatsuk, L.P.	Resonance properties and energetic parameters of transverse slots in a waveguide with a dielectric layer (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294779, pp. 690-692.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249121315&doi=10.1109%2FMSMW.2007.4294779&partnerID=40&md5=eec2c6b5607beed2ec19e59f6b1a3404
	Blinova, N.K. , Lyakhovsky, A.A., Yatsuk, L.P.	Electrodynamics characteristics of the transversal slot radiator in a rectangular waveguide with a layered dielectric filling (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425134, pp. 131-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849127421&doi=10.1109%2FICATT.2007.4425134&partnerID=40&md5=0c878a58c39735fc3066eca5631c4239
	Blinova, N.K. , Lyakhovsky, A.A., Yatsuk, L.P.	Multielement systems of slots in waveguides with partial dielectric filling (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099270, pp. 229-231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249105692&doi=10.1109%2FUWBUSIS.2006.307212&partnerID=40&md5=696898fd5c0e1534bfe87d4c69fa3dc7
	Blinova, N.K. , Yatsuk, L.P.	Electromagnetic waves scattering on slot systems in rectangular waveguides with arbitrary loads (2005) 35th European Microwave Conference 2005 - Conference Proceedings, 3, art. no. 1610378, pp. 2071-2074.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847138212&doi=10.1109%2FUMC.2005.1610378&partnerID=40&md5=b1debc4c66b5609bfb08a225aa4d2992
	Blinova, N.K. , Yatsuk, L.P.	Electromagnetic waves scattering on slot systems in rectangular waveguides with arbitrary loads (2005) EURAD 2005 Conference Proceedings - 2nd European Radar Conference, 2005, art. no. 1605635, pp. 363-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847266344&doi=10.1109%2FURAD.2005.1605635&partnerID=40&md5=5d79af88692e7ec7462587ecc0c36bf5
	Blinova, N.K. , Lyakhovsky, A.A., Yatsuk, L.P., Katrich, V.A.	Waveguide-slot antenna with longitudinal dielectric slab retarding system (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 354-355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644366958&partnerID=40&md5=03e99e963b97660b67fe9f506474fa4c
	Blinova, N.K. , Lyakhovsky, A.A., Yatsuk, L.P., Katrich, V.A.	The influence of dielectric layer in waveguide on the characteristics of multi-slot antenna (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 257-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644377927&partnerID=40&md5=40d2562c167dbc83dc4448d3667e89ec
	Lyakhovsky, A.A., Blinova, N.K. , Katrich, V.A., Lyakhovsky, A.F., Yatsuk, L.P.	Multi-slot systems on the base of waveguides with partial dielectric filling (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 644-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544281064&partnerID=40&md5=acfb80cebaab4f14914006adee975fc9
	Yatsuk, L.P., Blinova, N.K.	Band properties of a longitudinal double-slot on the broad wall of a rectangular waveguide (2001) Radiotekhnika, (6), pp. 24-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035770250&partnerID=40&md5=bb5342ed6b8087f90f6c91ba6dd5fe
	Blinova, N.K. , Yatsuk, L.P.	Frequency selective waveguide-slot radiators (2001) CriMiCo 2001 - 11th International Conference, art. no. 1173877, pp. 385-386.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956644066&partnerID=40&md5=f1361f040494442d3939bc8969e51d4
	Blinova, N.K. , Yatsuk, L.P.	Applicability of the energy method for computations of amplitude-phase distributions in linear waveguide slotted antenna arrays (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 4-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844541730&partnerID=40&md5=c059c188a098402c0019c279d09df7d2
	Yatsuk, Ludmila P., Blinova, Natalia K. , Zhironkina, Anna V.	Influence of reflecting load on the polarization properties of cross-like slots in a waveguide (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 586-588.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230610&partnerID=40&md5=9ab0d70d31d7f18ac5d9514649c20f9e
	Gorobets, N.N., Blinova, N.K. , Gorobets, Yu.N., Lytov, Yu.V., Popov, V.S.	Microstrip antenna array for side-looking radars (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 96-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844560132&partnerID=40&md5=181ccad8026e19516c6c50420ef9a7e2
	Blinova, N.K. , Zhironkina, A.V., Yatsuk, L.P.	Polarization properties and power parameters of a system of x-shaped slots in a rectangular waveguide with an arbitrary load at the end (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (11-12), pp. 94-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751420605&partnerID=40&md5=7eb3e29ba7c2881cee3039a56350a012
	Yatsuk, L.P., Blinova, N.K. , Zhironkina, A.V.	Mathematical model of a linear system of slots in a waveguide with an arbitrary reflecting load (1992) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 47 (7), pp. 126-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026894673&partnerID=40&md5=b3b8a312ba0c45f8948e92f33d30f53
	Yatsuk, L.P., Blinova, N.K. , Zhironkina, A.V.	Mathematical model of a linear slit system in a waveguide with reflecting load (1992) Radiotekhnika, (7-8), pp. 73-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026887770&partnerID=40&md5=1668ed894190e049197d7f86599c7399
86	Batrakov, D.O. , Antufeyeva, M.S., Antufeyev, A.V., Batrakova, A.G.	UWB signal processing during thin layers thickness assessment (2016) 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 - Proceedings, art. no. 7778545, pp. 36-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010375302&doi=10.1109%2FRMSW.2016.7778545&partnerID=40&md5=4e963a518b1966407ae5a701082d03d3
	Batrakov, D.O. , Antufeyeva, M.S., Antufeyev, A.V., Batrakova, A.G.	Inverse problems and UWB signals in biomedical engineering and remote sensing (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724174, pp. 148-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000836853&doi=10.1109%2FUWBUSIS.2016.7724174&partnerID=40&md5=fcd93f776b4371e0c2ac70b76db53b6
	Pochanin, G.P., Ruban, V.P., Batrakova, A.G., Urdzik, S.N., Batrakov, D.O.	Measuring of thickness of the asphalt pavement with Use of GPR (2014) Proceedings International Radar Symposium, art. no. 6869300, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906679871&doi=10.1109%2FIRS.2014.6869300&partnerID=40&md5=eae98e26988b8ce5f23ed4d1bb624df
	Batrakov, D.O. , Golovin, D.V.	Diffraction of cylindrical waves by a plane-stratified structure with a cylindrical inclusion (2013) Radiophysics and Quantum Electronics, 56 (5), pp. 304-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890123756&doi=10.1007%2F11141-013-9435-z&partnerID=40&md5=32391eb00e1d2cd2c0e6cd86d6aa8ca

	Batrakov, D.O. , Batrakova, A.G., Golovin, D.V.	Numerical simulation of UWB impulse response of plane layered media with 2D inclusion (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379763, pp. 153-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872260379&doi=10.1109%2FUEWBUSIS.2012.6379763&partnerID=40&md5=5c6e84d79139c97fd643e730b64c4b0
	Batrakov, D.O. , Golovin, D.V., Simachev, A.A., Batrakova, A.G.	Hilbert transform application to the impulse signal processing (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609110, pp. 113-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650145915&doi=10.1109%2FUEWBUSIS.2010.5609110&partnerID=40&md5=b0cb0c8b2e70524cf1b312f6e354a933
	Batrakov, D.O. , Golovin, D.V.	Application of tikhonov regularization technique to investigation of the electromagnetic field scattered by inclusion in multilayered media (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, art. no. 5546204, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957368212&doi=10.1109%2FMSMW.2010.5546204&partnerID=40&md5=4d6eb1eb61dda0f7bdac8599b603d2
	Shckorbatov, Y.G., Pasiuga, V.N., Kolchigin, N.N., Grabina, V.A., Batrakov, D.O. , Kalashnikov, V.V., Ivanchenko, D.D., Bykov, V.N.	The influence of differently polarised microwave radiation on chromatin in human cells (2009) International Journal of Radiation Biology, 85 (4), pp. 322-329.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649206096&doi=10.1080%2F09553000902781113&partnerID=40&md5=50dd8a7a91141e92e69a75abe044c441
	Shckorbatov, Y., Pasiuga, V., Kolchigin, N., Batrakov, D. , Kazansky, O., Kalashnikov, V.	Changes in the human nuclear chromatin induced by ultra wideband pulse irradiation (2009) Central European Journal of Biology, 4 (1), pp. 97-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59349089690&doi=10.2478%2F11535-008-0051-4&partnerID=40&md5=55437742d219c144e1d40c63164597a4
	Batrakov, D. , Golovin, D.	Null-field method enhancement technique for the investigation of scattering from inclusions in plane-layered media (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, art. no. 1689837, pp. 507-509.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547356694&partnerID=40&md5=6671fc3bc0652d31c3df6f615bdd8d0a
	Batrakov, D. , Shckorbatov, Y.	A comparative study of the different ways of cells illumination and computer processing of the obtained information (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, art. no. 4018306, pp. 459-462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250896320&doi=10.1109%2FLFN.2006.252087&partnerID=40&md5=360743dbe4994190c38c3714de9eacff0
	Batrakov, D.O. , Shckorbatov, Y.G., Pasiuga, V.N., Kazansky, O.V., Kolchigin, N.N.	The effects of short exposition to low-energy impulse irradiation on human cells (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099243, pp. 151-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249093583&doi=10.1109%2FUEWBUS.2006.307185&partnerID=40&md5=569856e9c0739ed604854333659dae48
	Batrakov, D.O. , Golovin, D.V.	A radio-wave method for detecting and identifying permeable inclusions in stratified inhomogeneous media (2006) Russian Journal of Nondestructive Testing, 42 (2), pp. 119-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33744528066&doi=10.1134%2F1061830906020094&partnerID=40&md5=205c0f2e597cb910b55390ef1d0b9349
	Golovin, D.V., Batrakov, D.O.	Numerical analysis of the fields scattering by two dimensional inclusions in layered media (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 835-837.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544299616&partnerID=40&md5=29f0ed6842ba12620e1c4c99ba421cb
	Batrakov, D.O. , Titar, V.P., Golovin, D.V., Tishko, T.V.	Numerical features of phase objects 3D images reconstruction via microinterferograms (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 329-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344265978&partnerID=40&md5=e4fda2a7fdb11fefa155b8336c3cc82
	Golovin, D.V., Batrakov, D.O.	Fractional cylindrical functions implementation for electromagnetic waves scattering analysis (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, art. no. 1106931, pp. 376-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948969228&doi=10.1109%2FMMET.2002.1106931&partnerID=40&md5=fa5ec96d95d0915d2a781f729b2e3c8a
	Batrakov, D.O. , Tarasov, M.M.	Algorithm of solving inverse scattering problems using the pontryagin maximum principle (1999) Radiotekhnika i Elektronika, 44 (2), pp. 137-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033070940&partnerID=40&md5=d8fd5b739785b576727afae1dfc832c9
	Batrakov, D.O. , Tarasov, M.M.	Algorithm of Solving Inverse Scattering Problems Using the Pontryagin Maximum Principle (1999) Journal of Communications Technology and Electronics, 44 (2), pp. 127-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043131768&partnerID=40&md5=7dae4542c5ae289b13162c993f4bdd2a
	Batrakov, D.O.	Quality and efficiency of information monitoring at radio wave testing of inhomogeneous dielectric layers by using a multifrequency method (1998) Defektoskopiya, (8), pp. 68-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032132268&partnerID=40&md5=abb0cb6c0549b9fabd552c399111347f
	Batrakov, D.O.	Quality and efficiency of data analysis in multifrequency radio-wave testing of laminated dielectrics (1998) Russian Journal of Nondestructive Testing, 34 (8), pp. 612-618.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032236662&partnerID=40&md5=1b70b99302359fcbf74ac4bd1eb4b62f
	Batrakov, D.O. , Tarasov, M.M.	Use of direct methods of optimization theory in radiofrequency inspection of inhomogeneous dielectrics (1998) Russian Journal of Nondestructive Testing, 34 (1), pp. 64-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032343765&partnerID=40&md5=1010a89160674a8288f380da9bbb1aa2
	Batrakov, D.O. , Tarasov, M.M.	Use of direct methods of the optimization theory, with the radiowave examination of nonhomogeneous dielectrics (1998) Defektoskopiya, (1), pp. 77-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031622090&partnerID=40&md5=5b8dfa3a25c13e399093217639f12632
	Zhuck, N.P., Batrakov, D.O. , Omar, A.S.	Remote probing of a uniaxial plane-layered medium using an incident wave with a varied state of polarization (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2160-2162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029766370&partnerID=40&md5=c84770de84809e682581322bd06cbea8
	Batrakov, D.O. , Zhuck, N.P.	Remote sensing problem solution via the Newton-Kantorovich iterative technique (1995) Turkish Journal of Physics, 19 (8), pp. 952-957.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029528424&partnerID=40&md5=3605a3d1673093645ffb039b84c30377
	Zhuck, N.P., Batrakov, D.O.	Determination of electrophysical properties of a layered structure with a statistically rough surface via an inversion method (1995) Physical Review B, 51 (23), pp. 17073-17080.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35949008047&doi=10.1103%2FPhysRevB.51.17073&partnerID=40&md5=bcebd019088b93a89174f21dedce2ad1
	Batrakov, D.O. , Zhuck, N.P.	Solution of a general inverse scattering problem using the distorted Born approximation and iterative technique (1994) Inverse Problems, 10 (1), art. no. 004, pp. 39-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038305392&doi=10.1088%2F0266-5611%2F10%2F1%2F004&partnerID=40&md5=b13efc2ea116ee6a1b35931d8b8b5d22
	Batrakov, D.O. , Zhuk, N.P.	Method for testing of layer-non-homogeneous dielectrics using numerical solution of reverse problem dialing with dissipation in polarization parameters domain (1994) Defektoskopiya, (2), pp. 82-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028368835&partnerID=40&md5=34a20da185550f2eb0bbaef424bde5b6
	Zhuck, N.P., Batrakov, D.O.	Inverse scattering problem in the polarization parameters domain for isotropic layered media: Solution via newton-kantorovich iterative technique (1994) Journal of Electromagnetic Waves and Applications, 8 (6), pp. 759-777.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028443208&doi=10.1163%2F156939394X00551&partnerID=40&md5=4858c8938e0232edd5b9745493425b39
	Batrakov, D. , Shulga, S., Zhuck, N.	Application of the extinction pulse technique to non-destructive control of dielectric materials (1993) AP-S International Symposium (Digest) (IEEE Antennas and Propagation Society), 2, pp. 880-883.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027853302&partnerID=40&md5=d862404b7aa84be3fcaeb587efa8594
	Batrakov, D.O. , Zhuk, N.P.	Iteration scheme for solution of inverse problem of probing for a radially inhomogeneous cylinder (1993) Radiophysics and Quantum Electronics, 36 (10), pp. 692-700.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249773614&doi=10.1007%2FBF01038717&partnerID=40&md5=4d78a683c563ba75bb8233d649c9df67
	Batrakov, D.O. , Zhuk, N.P.	Iterative solution of inverse problem of nonuniform medium sounding in the range of polarization parameters (1993) Radiotekhnika i Elektronika, 38 (6), pp. 1106-1114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027609642&partnerID=40&md5=daaf8aa37e386471f2348dd64f2917aa
	Batrakov, D.O. , Vasil'Yev, A.B., Myakin'Kova, L.V., Shul'Ga, S.N.	Use of E-pulse for sensing object beneath surface of a medium (1991) Soviet journal of communications technology & electronics, 36 (10), pp. 50-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026399545&partnerID=40&md5=31c8e30f478e268196b2cd8e1406bdc

	Batrakov, D.O. , Vasil'ev, A.B., Myakin'kova, L.V., Shul'ga, S.N.	E-pulse application for the sounding of solids under the medium surface (1991) Radiotekhnika i Elektronika, 36 (2), pp. 303-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026109268&partnerID=40&md5=a25e82321b1481c5f10382b573e9bdcf
87	Grib, A. , Seidel, P.	Resonant modes in a stack of intrinsic Josephson junctions (2017) IEEE Transactions on Applied Superconductivity, 27 (4), art. no. 7776779, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012980496&doi=10.1109%2Ftasc.2016.2636560&partnerID=40&md5=c6ddab1c23c3ebd7496b934c68ca58e8
	Grib, A. , Seidel, P., Tonouchi, M.	Zero-field steps and coherent emission of externally heated long Josephson junctions (2017) Superconductor Science and Technology, 30 (1), art. no. 014004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999863152&doi=10.1088%2F0953-2048%2F30%2F1%2F014004&partnerID=40&md5=281c082f1206c6720f61bbf068587325
	Grib, A. , Seidel, P.	The Coherent Dynamic State of Intrinsic Josephson Junctions (2016) IEEE Transactions on Applied Superconductivity, 26 (3), art. no. 7420590, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969750093&doi=10.1109%2Ftasc.2016.2535148&partnerID=40&md5=d789204623d0b986259d39a6870c3ec0
	Grib, A. , Seidel, P.	Coherent emission of intrinsic Josephson junctions at zero-field steps (2016) 2015 15th International Superconductive Electronics Conference, ISEC 2015, art. no. 7383434, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968538106&doi=10.1109%2Fisec.2015.7383434&partnerID=40&md5=388b622ab3f2bc2bce88fa134e19a34b
	Grib, A. , Seidel, P.	Coherent emission of intrinsic Josephson junctions (2014) Journal of Physics: Conference Series, 507 (PART 4), art. no. 042038, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902242548&doi=10.1088%2F1742-6596%2F507%2F4%2F042038&partnerID=40&md5=feffb54fe5511c691001f555dbe52cf
	Grib, A. , Seidel, P.	The influence of external separate heating on the synchronization of Josephson junctions (2014) Physica Status Solidi (B) Basic Research, 251 (5), pp. 1040-1044, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899962985&doi=10.1002%2Fpspb.201350256&partnerID=40&md5=d27cab3336c30939e5af967bcc46f9ed
	Grib, A. , Mans, M., Buenfeld, M., Scherbel, J., Schmidl, F., Schneidewind, H., Seidel, P.	The resonant interaction of intrinsic Josephson junctions with standing waves (2014) IEEE Transactions on Applied Superconductivity, 24 (4), art. no. 6766242, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898684581&doi=10.1109%2Ftasc.2014.2311447&partnerID=40&md5=7f34288553daa97da06eedbaf0c1ee1
	Grib, A. , Mans, M., Buenfeld, M., Scherbel, J., Schmidl, F., Seidel, P., Schneidewind, H.	Coherent radiation in serial arrays of Josephson junctions (2013) 2013 IEEE 14th International Superconductive Electronics Conference, ISEC 2013, art. no. 6604302, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885224182&doi=10.1109%2Fisec.2013.6604302&partnerID=40&md5=39cc3d793a19271cb839136978217e47
	Grib, A. , Seidel, P.	The influence of standing waves on synchronization and self-heating of Josephson junctions in resonant systems (2012) Low Temperature Physics, 38 (4), pp. 321-325, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860356457&doi=10.1063%2F1.3701718&partnerID=40&md5=bd9d063f0a78d2c5f118bb51e84e4d85
	Grib, A. , Seidel, P.	The influence of standing waves on synchronization and self-heating of Josephson junctions in resonant systems (2012) Fizika Nizkikh Temperatur, 38 (4), pp. 409-413, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858661178&partnerID=40&md5=a47fd247f015d7e14cf2894f5b4f4db2
	Grib, A. , Seidel, P.	Synchronization of self-heated Josephson junctions by a superconducting resonator (2012) Physics Procedia, 36, pp. 411-416, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960397231&doi=10.1016%2Fj.phpro.2012.06.254&partnerID=40&md5=fd9f89a022c0bce4dda544a15150133a
	Grib, A. , Seidel, P.	The origin of multibranch IV-characteristics of shunted Josephson junction arrays (2010) Journal of Physics: Conference Series, 248, art. no. 012063, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651110772&doi=10.1088%2F1742-6596%2F248%2F1%2F012063&partnerID=40&md5=9228949f92a3a4f49e01aa8a0351aa83
	Grib, A. , Shukrinov, Y., Schmidl, F., Seidel, P.	Experimental and theoretical investigation on high-Tc superconducting intrinsic Josephson junctions (2010) Journal of Physics: Conference Series, 248, art. no. 012038, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651065968&doi=10.1088%2F1742-6596%2F248%2F1%2F012038&partnerID=40&md5=68cb81d201093551f8336c1075770606
	Grosse, V., Pansow, C., Steppke, A., Schmidl, F., Undisz, A., Rettenmayr, M., Grib, A. , Seidel, P.	Pulsed laser deposition of niobium thin films for in-situ device fabrication and their superconducting properties (2010) Journal of Physics: Conference Series, 234 (PART 1), art. no. 012015, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650883822&doi=10.1088%2F1742-6596%2F234%2F1%2F012015&partnerID=40&md5=2eb30a30ab22bf75cb127e4b4d817303
	Heinert, D., Grib, A. , Haughian, K., Hough, J., Kroker, S., Murray, P., Nawrodt, R., Rowan, S., Schwarz, C., Seidel, P., Tünnermann, A.	Potential mechanical loss mechanisms in bulk materials for future gravitational wave detectors (2010) Journal of Physics: Conference Series, 228, art. no. 012032, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651060353&doi=10.1088%2F1742-6596%2F228%2F1%2F012032&partnerID=40&md5=4d606ab2749b68b084edfef1d4d66619
	Grib, A. , Khadzhay, G., Merisov, B., Vinogradov, D., Tikhonovsky, M.	Kinetics of hydrogen in Zr-H and Zr-D systems (2010) International Journal of Hydrogen Energy, 35 (11), pp. 5442-5447, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955285713&doi=10.1016%2Fj.ijhydene.2010.02.139&partnerID=40&md5=03fb65a390fb44240cd856157fa72127
	Grib, A. , Heinert, D., Nawrodt, R., Schwarz, C., Große, V., Seidel, P., Martin, I., Rowan, S., Hough, J.	Acoustic losses in a thick quartz plate at low temperatures (2010) Journal of Applied Physics, 107 (1), art. no. 013504, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-75649148191&doi=10.1063%2F1.3275425&partnerID=40&md5=b5b54d3df06a34747d500606a9bb4772
	Grib, A. , Seidel, P.	Wide-band phase locking of Josephson junctions in a resonator (2009) Physica Status Solidi - Rapid Research Letters, 3 (9), pp. 302-304, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949125196&doi=10.1002%2Fpspr.200903286&partnerID=40&md5=a3c2ea89cd00f7172c0033ee44cd8bee
	Grib, A. , Mans, M., Scherbel, J., Bünfeld, M., Schmidl, F., Seidel, P.	Synchronization of serial intrinsic Josephson junction arrays on vicinal substrates (2006) Superconductor Science and Technology, 19 (5), pp. S200-S204, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3364550874&doi=10.1088%2F0953-2048%2F19%2F5%2F05&partnerID=40&md5=9281bce90402bce0d5a1ca2eadd7d540
	Grib, A. , Mans, M., Scherbel, J., Seidel, P.	Synchronization of strongly interacting overdamped Josephson junctions (2005) Physica Status Solidi (B) Basic Research, 242 (6), pp. 1286-1292, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18744384656&doi=10.1002%2Fpspb.200420003&partnerID=40&md5=d9b6b360c36d4cbf06355495105d36e1
	Azhazha, V., Grib, A. , Khadzhay, G., Malikhin, S., Merisov, B., Pugachov, A.	Diffusion of hydrogen in Ti-Zr-Ni quasicrystals (2003) Journal of Physics Condensed Matter, 15 (29), pp. 5001-5008, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043161718&doi=10.1088%2F0953-8984%2F15%2F29%2F2311&partnerID=40&md5=9c898009d612b6f90e1c5b796b0d8d1d
	Grib, A. , Scherbel, J., Seidel, P.	Synchronization of Josephson junctions by a resonant transmission line (2003) Physica Status Solidi (A) Applied Research, 198 (1), pp. 142-149, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043010920&doi=10.1002%2Fpspa.200306460&partnerID=40&md5=b6734dca33afaa58ba543ff602dcb541
	Azhazha, V., Grib, A. , Khadzhay, G., Merisov, B., Pugachov, A.	Influence of hydrogen on electrical resistivity of Ti66Ni20Cu10Si4 amorphous alloy (2003) International Journal of Hydrogen Energy, 28 (4), pp. 415-418, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037377481&doi=10.1016%2F0360-3199%2F28%2F04&partnerID=40&md5=1ff583d662bd8d9e5f056c0830676a54
	Azhazha, V., Grib, A. , Khadzhay, G., Malikhin, S., Merisov, B., Pugachov, A.	Superconductivity of Ti-Zr-Ni alloys containing quasicrystals (2002) Physics Letters, Section A: General, Atomic and Solid State Physics, 303 (1), pp. 87-90, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347973897&doi=10.1016%2F0375-9601%2F28%2F01&partnerID=40&md5=5699f9b5edd347669a29a846654963a
	Grib, A.N. , Seidel, P., Scherbel, J.	Synchronization of overdamped Josephson junctions shunted by a superconducting resonator (2002) Physical Review B - Condensed Matter and Materials Physics, 65 (9), art. no. 094508, pp. 945081-9450810, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036497070&partnerID=40&md5=e2930e32dfda4eeb4a58cc7cccd31136
	Belousov, I., Grib, A. , Linzen, S., Seidel, P.	Cobalt silicide formation inside surface defects of a silicon substrate (2002) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 186 (1-4), pp. 61-65, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036135388&doi=10.1016%2F0168-583X%2F02%2F090046-6&partnerID=40&md5=c48f977e7386acee4ae57f9b964ad9b7
	Seidel, P., Grib, A.N. , Shukrinov, Yu.M., Scherbel, J., Hübner, U., Schmidl, F.	Quasiparticle current and phase locking of intrinsic Josephson junctions (2001) Physica C: Superconductivity and its Applications, 362 (1-4), pp. 102-107, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035448883&doi=10.1016%2F0921-4534%2F01%2F0900654-2&partnerID=40&md5=4c084e5a462fd60c2812f43d82fe3b15
	Grib, A.N. , Scherbel, J., Seidel, P.	Phase locking in a stack of two Josephson junctions with a sidewall shunt (2000) Physics Letters, Section A: General, Atomic and Solid State Physics, 266 (1), pp. 76-82, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002561151&doi=10.1016%2F0375-9601%2F28%2F0900891-9&partnerID=40&md5=f977d5995a300cfc37461d22e1cd6d033

	Grib, A.N., Seidel, P., Darula, M.	The Threshold of Phase Locking in the System of Two Multi-Junction Superconducting Loops (1998) Journal of Low Temperature Physics, 112 (5-6), pp. 323-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032167283&partnerID=40&md5=33036c971b52f043833a7cc540379191
	Grib, A.N., Krasnokutskii, A.V., Merisov, B.A., Prokoshin, A.F.	Influence of annealing on electrical resistance and internal magnetic field distribution function of Fe75Cu25B20 amorphous alloy (1998) Physica Status Solidi (B) Basic Research, 208 (1), pp. 123-128.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032366041&partnerID=40&md5=178e88146f9f3e75b41a88eb52b784a
	Grib, A.N.	Fractal properties of critical current of a self-similar system of Josephson junctions connected in parallel (1996) Fizika Nizkikh Temperatur (Kharkov), 22 (6), pp. 642-644.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342914107&partnerID=40&md5=fc402b19816211daa4436b2da448ab8
	Grib, A.N., Kuplevakhsy, S.V.	Subgap excitations in an irregular superconducting S/I superlattice in the current-carrying state (1996) Czechoslovak Journal of Physics, 46 (SUPPL. 2), pp. 581-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958123133&doi=10.1007%2F02583598&partnerID=40&md5=3b34976caf2ca0728dbd18ba022a8637
	Grib, A.N.	Critical current of a self-similar chain of Josephson junctions (1994) Physica C: Superconductivity and its applications, 235-240 (PART 5), pp. 3313-3314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342970531&doi=10.1016%2F0921-4534%2894%2991183-5&partnerID=40&md5=03a29419ed08366e366d010e2a5b0aad
88	Loginova, L.P., Yedamenko, D.V.	Sorption of surfactants on silica gel in conditions of ascending thin-layer chromatography with micellar mobile phases (2014) Functional Materials, 21 (2), pp. 200-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903485368&partnerID=40&md5=0da1f4361089a819c40586306b98ae
	Reshetnyak, E.A., Chernysheva, O.S., Nikitina, N.A., Loginova, L.P., Mchedlov-Petrosyan, N.O.	Activity coefficients of alkyl sulfate and alkylsulfonate ions in aqueous and water-salt premicellar solutions (2014) Colloid Journal, 76 (3), pp. 358-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903137629&doi=10.1134%2F1061933X14030132&partnerID=40&md5=0506784f4bad97c5c9a1fcdbe36aa0d
	Chernyshova, O.S., Boichenko, A.P., Abdulrahman, H., Loginova, L.P.	Protolytic properties and complexation of dl- α -alanine and dl- α -valine and their dipeptides in aqueous and micellar solutions of surfactants (2013) Journal of Molecular Liquids, 182, pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875920225&doi=10.1016%2Fj.molliq.2013.03.003&partnerID=40&md5=02f9bb8a2e6c4af44ae4f2fb93fee4d
	Prezhdo, V.V., Prezhdo, M.V., Loginova, L.P., Zubkova, V.B.	Influence of Substituents on Phenols Extraction and Dissociation (2012) Separation Science and Technology (Philadelphia), 48 (2), pp. 303-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871902880&doi=10.1080%2F01496395.2012.686551&partnerID=40&md5=0b25f5b6935014af1ddedaaf86478bd03
	Markov, V.V., Boichenko, A.P., Loginova, L.P.	Linear Solvation Energy Relationships for characterization of MLC systems with sodium dodecyl sulphate mobile phases modified by aliphatic alcohols or carboxylic acids (2012) Studia Universitatis Babeş-Bolyai Chemia, (3), pp. 267-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873354303&partnerID=40&md5=76768ef57ecc619f2b11595d695420b9
	Prezhdo, M., Loginova, L., Zubkova, V., Prezhdo, V.	Free volume and cavity formation in molecular liquids (2012) Fluid Phase Equilibria, 321, pp. 44-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858729899&doi=10.1016%2Fj.fluid.2012.02.017&partnerID=40&md5=0c262440967bdac6ff201037856695c
	Boichenko, A., Makhno, I., Renkevich, A., Loginova, L.	The mobile phase motion in ascending Micellar thin-layer chromatography with normal-phase plates (2011) Journal of Planar Chromatography - Modern TLC, 24 (6), pp. 463-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82955225208&doi=10.1556%2FJPC.24.2011.6.2&partnerID=40&md5=a9579702b36517bd9988f43931ada359
	Frolova, A.M., Konovalova, O.Y., Loginova, L.P., Bulgakova, A.V., Boichenko, A.P.	Thin-layer chromatographic plates with monolithic layer of silica: Production, physical-chemical characteristics, separation capabilities (2011) Journal of Separation Science, 34 (16-17), pp. 2352-2361.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052091737&doi=10.1002%2Fjssc.201100178&partnerID=40&md5=b300ce641f0f1cdccf9783b52582fc49
	Boichenko, A.P., Chernyshova, O.S., Kulikov, A.Yu., Loginova, L.P.	Properties of 2,4-dinitrophenyl derivatives of amino acids as analytical forms for high-performance liquid chromatography (2011) Russian Journal of Applied Chemistry, 84 (6), pp. 957-963.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960520886&doi=10.1134%2F1070427211060103&partnerID=40&md5=a53aece1b797ed85e91f40a68492728d
	Boichenko, A.P., Dung, L.T.K., Loginova, L.P.	Solubilization of aliphatic carboxylic acids (C3-C6) by sodium dodecyl sulfate and Brij 35 micellar pseudophases (2011) Journal of Solution Chemistry, 40 (6), pp. 968-979.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051780714&doi=10.1007%2F10953-011-9703-5&partnerID=40&md5=073bc5ed4ea2793f18662166d01cf529
	Boichenko, A.P., Frolova, A.M., Konovalova, O.Y., Loginova, L.P.	Optimization of sol-gel synthesis conditions for producing of silica monoliths promising for chromatography: Sorption kinetics and mechanical stability (2010) Functional Materials, 17 (4), pp. 543-548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888231915&partnerID=40&md5=86a4f1f5512fbad8ae0a5fe87543631e
	Le Cong, H., Boichenko, A.P., Levin, I.V., Matveeva, A.G., Loginova, L.P.	Complexation of Ca ²⁺ and Mg ²⁺ with aminopropylidenebisphosphonic acids in aqueous and micellar solutions of cetylpyridinium chloride (2010) Journal of Molecular Liquids, 154 (2-3), pp. 76-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956231410&doi=10.1016%2Fj.molliq.2010.03.014&partnerID=40&md5=d56ddac3bae199de459e743a1e95b6ff
	Loginova, L.P., Yakovleva, E.Yu., Galat, M.N., Boichenko, A.P.	Effect of aliphatic alcohols and aliphatic carboxylic acids on the critical micelle concentration and counter-ion binding degree of sodium dodecylsulfate (2009) Journal of Molecular Liquids, 145 (3), pp. 177-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349110896&doi=10.1016%2Fj.molliq.2008.05.009&partnerID=40&md5=f64e34018d1b13e4c2c1aad0878e82ce
	Vlasenko, A.S., Loginova, L.P., Iwashchenko, E.L.	Dissociation constants and micelle-water partition coefficients of hydroxybenzoic acids and parabens in surfactant micellar solutions (2009) Journal of Molecular Liquids, 145 (3), pp. 182-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349138229&doi=10.1016%2Fj.molliq.2008.04.009&partnerID=40&md5=2802a6dca7055b0a387959298c86b4ec
	Boichenko, A.P., Markov, V.V., Kong, H., Matveeva, A.G., Loginova, L.P.	Re-evaluated data of dissociation constants of alendronic, pamidronic and olpadronic acids (2009) Central European Journal of Chemistry, 7 (1), pp. 8-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58149199655&doi=10.2478%2F11532-008-0099-z&partnerID=40&md5=a0f3cbf72c24f3b4086c92a5ed56ce41
	Loginova, L.P., Konovalova, O.Yu.	Test films for test-determinations on the base of reagents, immobilized in gelatinous gel (2008) Talanta, 77 (2), pp. 915-923.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54349125280&doi=10.1016%2Fj.talanta.2008.07.051&partnerID=40&md5=a3066189e39f7667f627d58dae424b
	Loginova, L.P., Boichenko, A.P., Kulikov, A.Yu.	Modification of the murakami retention model in reversed-phase high-performance liquid chromatography for micellar chromatographic separations (2008) Russian Journal of Physical Chemistry A, 82 (9), pp. 1470-1474.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249107445&doi=10.1134%2F00036024408090112&partnerID=40&md5=8739699de6de54c0f08815564476549e
	Loginova, L.P., Kulikov, A.U., Yakovleva, E.Y., Boichenko, A.P.	MLC determination of preservatives in cranberry foodstuffs (2008) Chromatographia, 67 (7-8), pp. 615-620.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41849094404&doi=10.1365%2F10337-008-0570-1&partnerID=40&md5=ee84ddcd4d5bdc22d9312365a90654a6
	Boichenko, A.P., Kulikov, A.U., Loginova, L.P., Iwashchenko, A.L.	Aliphatic carboxylic acids as new modifiers for separation of 2,4-dinitrophenyl amino acids by micellar liquid chromatography (2007) Journal of Chromatography A, 1157 (1-2), pp. 252-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250740467&doi=10.1016%2Fj.chroma.2007.05.012&partnerID=40&md5=1fb2aa6afcd806f9ab6f44c1151e4ded
	Boichenko, A.P., Iwashchenko, A.L., Loginova, L.P., Kulikov, A.U.	Heteroscedasticity of retention factor and adequate modeling in micellar liquid chromatography (2006) Analytica Chimica Acta, 576 (2), pp. 229-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747149220&doi=10.1016%2Fj.aca.2006.06.016&partnerID=40&md5=2a5d3bc6360f29dd1b91d8a52f02f91a
	Loginova, L.P., Samokhina, L.V., Boichenko, A.P., Kulikov, A.U.	Micellar liquid chromatography retention model based on mass-action concept of micelle formation (2006) Journal of Chromatography A, 1104 (1-2), pp. 190-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30744452460&doi=10.1016%2Fj.chroma.2005.11.135&partnerID=40&md5=176c5b847e028332f5232a2d1b19a584
	Samokhina, L., Loginova, L., Stepanko, D.	The quantitative characterization of chemical modification of sodium dodecyl sulphate micellar solutions and retention model in micellar liquid chromatography (2006) Tenside, Surfactants, Detergents, 43 (1), pp. 6-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645375094&partnerID=40&md5=4e491878c51e42e1d7a0828a09d51d99
	Reshetnyak, E.A., Nikitina, N.A., Loginova, L.P., Ostrovskaya, V.M.	Limit of detection in test methods of analysis with visual indication: Affecting factors (2005) Journal of Analytical Chemistry, 60 (10), pp. 982-989.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844481887&doi=10.1007%2F10809-005-0221-8&partnerID=40&md5=31976c3bf743454c80d7e83aad60a52
	Kulikov, A.U., Verushkin, A.G., Loginova, L.P.	Comparison of micellar and reversed-phase liquid chromatography for determination of sulfamethoxazole and trimethoprim (2005) Chromatographia, 61 (9-10), pp. 455-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20044384562&doi=10.1365%2F10337-005-0536-5&partnerID=40&md5=44e68dce2645f4a53df0afa4f5a628bf
	Chernysheva, O.S., Loginova, L.P., Bazilyanskaya, V.D.	Metal ion buffer systems for ionometry in water-ethanol mixtures and micellar medium of sodium dodecyl sulfate (2005) Russian Journal of Applied Chemistry, 78 (2), pp. 267-272.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21644477181&doi=10.1007%2F11167-005-0272-5&partnerID=40&md5=dadae83c005d87d603bb3552aadf29b
	Loginova, L.P., Levin, I.V., Matveeva, A.G., Pisareva, S.A., Nifant'ev, E.E.	Acid-base and complexation properties of gem-diphosphonic and gem-diphosphinic acids in aqueous solutions and micellar media of surfactants (2004) Russian Chemical Bulletin, 53 (9), pp. 2000-2007.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21344434105&doi=10.1007%2F11172-005-0062-5&partnerID=40&md5=248ab626d729b6d802a2e88b713f9d56

	Kulikov, A.U., Loginova, L.P. , Samokhina, L.V.	Influence of various factors on the chromatographic behavior of cytostatic antibiotics of rubomicin derivatives in micellar liquid chromatography (2003) <i>Chromatographia</i> , 57 (7-8), pp. 463-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037391776&doi=10.1007%2F02492542&partnerID=40&md5=e04b17fc1723bc65dd058b9eb2f9ed6
	Loginova, L.P. , Samokhina, L.V., Mchedlov-Petrosyan, N.O., Alekseeva, V.I., Savvina, L.P.	Modification of the properties of NaDS micellar solutions by adding electrolytes and non-electrolytes: Investigations with decyl eosin as a pKa-probe (2001) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 193 (1-3), pp. 207-219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035892461&doi=10.1016%2FS0927-7757%2801%2900741-5&partnerID=40&md5=38fbc38627e68de6dadbf85592db5be
	Loginova, L.P. , Chemysheva, O.S.	Effect of surfactant micelle media on the copper(II) and cadmium(II) complex formation with some ligands (2000) <i>Journal of Molecular Liquids</i> , 85 (3), pp. 351-359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034187735&doi=10.1016%2FS0167-7322%2800%2989018-2&partnerID=40&md5=a89f31c394358c1e1c7a3c995f58ac9a5
	Loginova, L.P. , Lycheva, O.S.	On the stability of calibration parameters of a pH-metric cell in potentiometric studies of acid-base equilibria (1996) <i>Chemical Physics Reports</i> , 15 (11), pp. 1651-1659.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444255613&partnerID=40&md5=bea2d88795a603a3750351669e9229e6
	Loginova, L. , Bazilyanskaya, V.	Cu ²⁺ - and Cd ²⁺ -buffers in water-ethanol media (1995) <i>Analytica Chimica Acta</i> , 315 (1-2), pp. 55-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028844706&doi=10.1016%2F0003-2670%2895%2900286-9&partnerID=40&md5=d6b0ff410e62d6779c25294553e6827
	Loginova, L.P. , Bazilyanskaya, V.D.	Iodide buffer systems for the calibration of iodide-selective electrodes (1995) <i>Analytica Chimica Acta</i> , 307 (1), pp. 37-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029077977&doi=10.1016%2F0003-2670%2895%2900037-Z&partnerID=40&md5=bb05520e45e0aa5de98db84c7ec95456
	Kabachnik, M.I., Matveev, S.V., Bazilyanskaya, V.D., Loginova, L.P. , Polikarpov, Yu.M.	Synthesis and complexing properties of cis,cis-1,3,5-tri-[2-(diphenylphosphiny)ethylamino]cyclohexane (1993) <i>Russian Chemical Bulletin</i> , 42 (7), pp. 1218-1221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30244509886&doi=10.1007%2FBF00702011&partnerID=40&md5=77fe1b333d501a627ac0f34f5bf66f7
89	Mayboroda, D.V. , Pogarsky, S.A., Varakin, I.I.	The influence of internal parameters of hybrid resonators based upon the circular-disk microstrip structures on integral characteristics (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, art. no. 7724191, pp. 210-212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000417223&doi=10.1109%2FUWBUSIS.2016.7724191&partnerID=40&md5=a32b5a40e2ec6dd3aa9913eaf69cec
	Mayboroda, D.V. , Pogarsky, S.A.	Optimization of the integral parameters of disk microstrip antennas with radiators of complex geometry (2016) <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i> , 75 (9), pp. 763-769.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983431473&partnerID=40&md5=bfd1cfbaa248535177b0a5b4d39cab44
	Mayboroda, D.V.	Microstrip disk antenna with complicated radiators (2015) <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i> , 74 (20), pp. 1777-1782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958987568&doi=10.1615%2FTelecomRadEng.v74.i20.10&partnerID=40&md5=520ab6d4ebec73553c4b76c9f907c77
	Maiboroda, D.V.	Rejection filter based upon inverted dielectric waveguide (2015) <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i> , 74 (9), pp. 779-785.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941624278&partnerID=40&md5=be8cee4625afa8a9d46a5217c035f01d
	Mayboroda, D.V. , Pogarsky, S.A.	The influence of the shorting-vias on the integral characteristics of a microstrip resonator (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, art. no. 7136807, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939429239&doi=10.1109%2FICATT.2015.7136807&partnerID=40&md5=5d38088e51c73dac36be1c9e4910a3d5
	Mayboroda, D.V. , Pogarsky, S.A.	Electrodynamic characteristics of the disk microstrip radiator with structural auxiliary elements (2015) <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i> , 74 (13), pp. 1147-1155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950326677&partnerID=40&md5=78394780bdcabdd03ea082bda3e9ebca
	Maiboroda, D.V. , Pogarsky, S.A.	On the choice of optimal topology of a reflecting module based upon the circular-disk microstrip structure (2014) <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i> , 73 (19), pp. 1713-1726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918558623&partnerID=40&md5=a10a61701c1ce9306984853ff3e535d7
	Pogarsky, S.A., Saprykin, I.I., Mayboroda, D.V. , Sukhov, V.N.	Re-adjusting disk microstrip antenna (2014) <i>CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6959495, pp. 493-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915754058&doi=10.1109%2FCRMICO.2014.6959495&partnerID=40&md5=67a30c202b322deb904a7652821c12e
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N.	Hybrid metal-dielectric structure based on inverted dielectric waveguide (2014) <i>CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6959496, pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915805408&doi=10.1109%2FCRMICO.2014.6959496&partnerID=40&md5=980cb14713fb060dbecbbef98e4864a
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Pshenichnaya, S.V., Sharapov, D.S.	Multiresonator microstrip antenna with radiators of complex shape (2013) <i>CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6652981, pp. 618-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891140335&partnerID=40&md5=23db619e236779314c9f2b6abace053
	Pogarsky, S.A., Drozdov, K.S., Saprykin, I.I., Mayboroda, D.V. , Tkachenko, M.V.	Electrophysical properties of nanostructured materials used in medicine as implants (2013) <i>CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6652659, pp. 1065-1066.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891082550&partnerID=40&md5=2c1b4c89df748e94c608b6f7f5a4c49
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N., Drozdov, K.S.	Multiresonator microstrip antenna (2013) <i>CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6652980, pp. 616-617.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891047665&partnerID=40&md5=8e4f68ee870082a515272a33caaf6f5
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I.	The bounded periodically slotted microstrip structure as a radiating module (2013) <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i> , 72 (15), pp. 1381-1390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883651076&doi=10.1615%2FTelecomRadEng.v72.i15.20&partnerID=40&md5=be80b0cece4e840461104b7347d7d1
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Seledkov, E.V.	The electrodynamic characteristics of two-way short-circuit slot in microstrip disk resonator (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, art. no. 6650780, pp. 367-369.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898636343&doi=10.1109%2FICATT.2013.6650780&partnerID=40&md5=773b7057d603049c40f3f8f76d9223
	Mayboroda, D.V. , Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	Dual-band circular-disk microstrip antenna (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, art. no. 6379766, pp. 161-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872247849&doi=10.1109%2FUWBUSIS.2012.6379766&partnerID=40&md5=9452fe23ea00da3a79e6b6ae66f293
	Mayboroda, D.V. , Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The characteristics of disk radiator with slot discontinuity (2012) <i>CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6336047, pp. 437-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869749115&partnerID=40&md5=a1c33ed35e44bf7b9fab74af1811997b
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N.	The radiating unit based on hybrid metal-dielectric structure with bounded sequence of transverse slots (2012) <i>CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6336046, pp. 435-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869766609&partnerID=40&md5=2b19ef5329daffad3ec7f0f77f1f4c9
	Mayboroda, D.V. , Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The electrodynamic characteristics of a transversal slot radiator based on an inverted strip dielectric waveguide (2011) <i>CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6069063, pp. 579-580.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142457&partnerID=40&md5=ec54ca2f29caace5fe1438d07af36
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I.	The radiating structure based on an inverted strip dielectric waveguide (2011) <i>CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 6069062, pp. 577-578.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142450&partnerID=40&md5=8baed0cc885e3af4fc70bfe386dc7f241b
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N., Krivenko, G.S.	The rejection filter (2010) <i>KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , art. no. 5632656, pp. 665-666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650401561&partnerID=40&md5=18b21d30a460e4e09bf97e25a65b661b

	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Pshenichnaya, S.V.	The radiator of K u -band based on inverted dielectric waveguide (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, art. no. 5609135, pp. 215-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650137536&doi=10.1109%2FUEWBUSIS.2010.5609135&partnerID=40&md5=5db288b7b0cb48e75730ae6e33313
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N., Pshenichnaya, S.V.	Inverted strip dielectric guide with metal plane (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 5293017, pp. 515-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949112936&partnerID=40&md5=f9535227d1e11f8432b542306c9c598c
	Mayboroda, D.V. , Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The hybrid metal-dielectric structure for wide-band applications (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, art. no. 4669368, pp. 92-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649223829&doi=10.1109%2FUEWBUSIS.2008.4669368&partnerID=40&md5=4247fa28896e8f5eca78d4be278337af
	Katrich, V.A., Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N.	The microstrip antenna (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, art. no. 4676444, pp. 431-432.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049167841&doi=10.1109%2FCRMICO.2008.4676444&partnerID=40&md5=91a65e84a5df00c4235e0d0cac20b31c
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I.	Guiding and radiating properties of a hybrid metal-dielectric structure (2007) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 66 (7), pp. 587-595.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149038554&doi=10.11615%2FTelecomRadEng.v66.i7.20&partnerID=40&md5=cde733da397a96c9720e3962a8a4440f
	Katrich, V.A., Mayboroda, D.V. , Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The bounded periodical microstrip-slot structure as a radiating model (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, art. no. 4425231, pp. 418-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849086845&doi=10.1109%2FICATT.2007.4425231&partnerID=40&md5=acea9f81c5355d3fed3abfd7e0897f0e
	Katrich, V.A., Mayboroda, D.V. , Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	Radiating system on the basis of ring hybrid metal-dielectric structure (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, art. no. 4368605, pp. 429-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149089791&doi=10.1109%2FCRMICO.2007.4368605&partnerID=40&md5=c7f95842c819fedacf586017f04ccdd9
	Katrich, V.A., Mayboroda, D.V. , Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I.	The mechanism of collinear longitudinal slot and microstrip eigenwaves interaction (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, art. no. 4099265, pp. 214-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249087219&doi=10.1109%2FUEWBUSIS.2006.307207&partnerID=40&md5=137ff21c9f693428a8058836fe32c1a
	Katrich, V.A., Mayboroda, D.V. , Pogarsky, S.A., Pshenichnaya, S.V., Saprykin, I.I., Shaulov, E.A.	The radiating characteristics of multi-element hybrid metal-dielectric structure (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, art. no. 4023352, pp. 477-478.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249088776&doi=10.1109%2FCRMICO.2006.256070&partnerID=40&md5=d7be80b829b87197de58b9fa4b051da4
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I.	The guiding properties of strip dielectric waveguides and possibility of functional radiating elements designing (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, art. no. 1496938, pp. 245-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745436183&doi=10.1109%2FICATT.2005.1496938&partnerID=40&md5=fe19a663b444156f03afc665c0838499
	Katrich, V.A., Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I., Shaulov, E.A., Trufanov, B.D.	Radiating characteristics of single slot in the shield of strip dielectric waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 2, art. no. 1565030, pp. 549-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846296667&doi=10.1109%2FCRMICO.2005.1565030&partnerID=40&md5=a29f6b8b3c523c4c13a67afc76a5a27
	Mayboroda, D.V. , Pogarsky, S.A., Saprykin, I.I.	The guiding properties of strip dielectric waveguides and possibility of functional and radiating elements designing (2004) Conference Digest of the 2004 Joint 29th International Conference on Infrared and Millimeter Waves and 12th International Conference on Terahertz Electronics, pp. 701-702.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16244422342&partnerID=40&md5=425642d3ce379f2f50d16e7dbf981d0c
	Katrich, V.A., Zvyagintsev, A.A., Pogarsky, S.A., Saprykin, I.I., Mayboroda, D.V. , Shaulov, E.A.	Dielectric image guide as basic electrodynamic structure for high-performance radiation systems design (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 394-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644379451&partnerID=40&md5=81cdd1b4284df985cd09fca0ef2f8fb2
90	Azarenkov, N.A., Olefir, V.P. , Sporov, A.E.	Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field (2017) Contributions to Plasma Physics, 57 (5), pp. 196-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019610902&doi=10.1002%2fcfcp.201700016&partnerID=40&md5=657bb58ac0138e1ca87d4b9de3952153
	Galaydych, V.K., Azarenkov, N.A., Olefir, V.P. , Sporov, A.E.	Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain (2017) Problems of Atomic Science and Technology, 107 (1), pp. 96-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016091920&partnerID=40&md5=019fe78eb8c4e2c009f3471636a463d9
	Azarenkov, N.A., Olefir, V.P. , Sporov, A.E.	Eigen dipolar electromagnetic waves of coaxial non-uniform plasma-metall waveguide with external azimuth magnetic field (2015) Problems of Atomic Science and Technology, 95 (1), pp. 77-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923198975&partnerID=40&md5=06139f9e821abfeb0baf11b14aaceb31
	Galaydych, V.K., Azarenkov, N.A., Olefir, V.P. , Sporov, A.E.	Slow and fast surface electromagnetic waves in planar structures contained left-handed material (2015) Problems of Atomic Science and Technology, 98 (4), pp. 306-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941051562&partnerID=40&md5=7f8b89de46842e6b48f418ff30f1bae9
	Galaydych, V.K., Azarenkov, N.A., Olefir, V.P. , Sporov, A.E.	Surface electromagnetic waves in left-handed material slab embedded in plasmalike media (2014) Problems of Atomic Science and Technology, 94 (6), pp. 112-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918577061&partnerID=40&md5=2d23d5f5a544ff44913e8f289301be
	Azarenkov, N.A., Olefir, V.P. , Sporov, A.E.	Eigen dipolar electromagnetic waves of coaxial plasma-metall waveguide structure with azimuth magnetic field (2013) Problems of Atomic Science and Technology, (1), pp. 93-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876198014&partnerID=40&md5=32281c55ac7f8b7210bb6887d9f46a0
	Azarenkov, N.A., Galaydych, V.K., Olefir, V.P. , Sporov, A.E.	Phase and group velocities of ectrmagnetic eigen waves of left-hand material slab (2012) Problems of Atomic Science and Technology, (6), pp. 87-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871730818&partnerID=40&md5=c94fb31d27aefa2b7d23c06b6b863a1
	Olefir, V.P. , Sporov, A.E.	Symmetric and dipolar electromagnetic waves in coaxial structure filled by non-uniform dissipative plasma with azimuth magnetic field (2011) Problems of Atomic Science and Technology, (1), pp. 47-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952482331&partnerID=40&md5=efa98b4e9898f99e43e0cc70f31e879f
	Azarenkov, N.A., Galaydych, V.K., Olefir, V.P. , Sporov, A.E.	Electromagnetic waves in left-hand material slab that bounded by media with different permittivity (2010) Problems of Atomic Science and Technology, (6), pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650630090&partnerID=40&md5=019ace021c2e936245ccd0569211299
	Azarenkov, N.A., Olefir, V.P. , Sporov, A.E.	Dipolar electromagnetic waves in coaxial structure filled by dissipative plasma with azimuth magnetic field (2009) Problems of Atomic Science and Technology, (1), pp. 77-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865344701&partnerID=40&md5=c55ef2effc27afaa2d2a902e4966061a
	Azarenkov, N.A., Akimov, Y.A., Galaydych, V.K., Olefir, V.P. , Sporov, A.E.	Properties of electromagnetic waves that propagate along the left-hand material slab (2009) Problems of Atomic Science and Technology, (1), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865316912&partnerID=40&md5=2bbe5febae3f184e259036e5c2a801a
	Akimov, Yu.A., Olefir, V.P. , Azarenkov, N.A.	Influence of azimuthal structure of surface waves on efficiency of their excitation by tubular electron beams (2006) Contributions to Plasma Physics, 46 (10), pp. 817-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845720529&doi=10.1002%2fcfcp.200610082&partnerID=40&md5=72d7c3dff1e0b3a0119c1c6a207f06d
	Akimov, Yu.A., Olefir, V.P. , Azarenkov, N.A.	Excitation of symmetric surface waves by electron tubular beams (2006) Physica Scripta, 74 (2), art. no. 002, pp. 149-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749532809&doi=10.1088%2F0031-8949%2F74%2F2f002&partnerID=40&md5=22afa2b3b1cb9b7ed7dbb279540a6130
	Fedutenko, E.A., Olefir, V.P. , Sporov, A.	Dynamics of potential surface modes in a nonuniform plasma waveguide with finite electron temperature (2006) Physics of Plasmas, 13 (5), art. no. 052111, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33744785436&doi=10.1063%2F1.2197840&partnerID=40&md5=be1c908b8ebd46d0c35bc0745f923aaf
	Galaydych, V.K., Olefir, V.P. , Sporov, A.E.	Electromagnetic waves in isotropic waveguide filled by radially non-uniform dissipative plasma (2005) Proceedings of Xth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2005, 2005, art. no. 1564570, pp. 80-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846302875&partnerID=40&md5=207a29d248c7eb880cd603c34eabadee
	Akimov, Yu.A., Azarenkov, N.A., Olefir, V.P.	Surface waves at a dusty plasma-metal interface (2004) Physica Scripta, 70 (1), pp. 33-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3142732008&partnerID=40&md5=ffd5b196bd60c3267d811732be2461b

	Akimov, Yu.A., Olefir, V.P.	Surface wave control under plasma-metal processing (2004) <i>Physica Scripta</i> , 69 (2), pp. 104-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-044229531&doi=10.1238%2FPhysica.Regular.069a00104&partnerID=40&md5=c6912dea43d3e5b7285fae346069ec01
	Azarenkov, N.A., Akimov, Yu.A., Olefir, V.P.	Effect of Magnetic Field on the Thermal Nonlinearity of Surface Waves in Plasma-Metal Structures (2004) <i>Technical Physics</i> , 49 (1), pp. 39-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-074231339&doi=10.1134%2F1.1642676&partnerID=40&md5=d8fae3ae438f5b2dbcb7417f4416fb1e
	Akimov, Yu.A., Azarenkov, N.A., Olefir, V.P.	Stability of surface waves at magnetized plasma - Metal interface (2003) <i>Contributions to Plasma Physics</i> , 43 (7), pp. 433-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348207584&doi=10.1002%2Fctpp.200310058&partnerID=40&md5=35d4652a70c5e7b7bc9a57966d53ef4c
	Grekov, D.L., Azarenkov, N.A., Bizyukov, A.A., Olefir, V.P.	An optimized antenna for plasma generation in the IIP-1 facility (2003) <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i> , 60 (5-6), pp. 134-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949954273&doi=10.1615%2FTelecomRadEng.v60.i56.160&partnerID=40&md5=a30b627f3cb7b056ae39337448ade41
	Azarenkov, N.A., Akimov, Yu.A., Olefir, V.P.	Thermal Nonlinearity of Potential Surface Waves at a Plasma-Metal Interface (2003) <i>Plasma Physics Reports</i> , 29 (12), pp. 1041-1048.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0742306216&doi=10.1134%2F1.1633624&partnerID=40&md5=b76b35e0957b5361293fbc5635800fd
	Azarenkov, N.A., Akimov, Yu.A., Olefir, V.P.	Parametric Excitation of Surface Waves at the Boundary between a Magnetized Plasma and a Metal (2003) <i>Plasma Physics Reports</i> , 29 (8), pp. 669-674.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141644189&doi=10.1134%2F1.1601644&partnerID=40&md5=3a6060461718f02aa5025ce8ae6e9ba3
	Akimov, Yu.A., Azarenkov, N.A., Olefir, V.P.	Non-symmetric surface waves in cylindrical waveguide structures with radially non-uniform plasma filling (2003) <i>Physica Scripta</i> , 67 (4), pp. 329-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037396354&doi=10.1238%2FPhysica.Regular.067a00329&partnerID=40&md5=3445e20676c6f77c9fbdd4c22642861
	Olefir, V.P. , Azarenkov, N.A., Sporov, A.E.	Axial structure of plasma column sustained by non-symmetric electromagnetic surface wave (2003) <i>Contributions to Plasma Physics</i> , 43 (2), pp. 62-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037505711&doi=10.1002%2Fctpp.200310007&partnerID=40&md5=16751cc0025ed36f12fa7ad72bab7c23
	Azarenkov, N.A., Olefir, V.P. , Sporov, A.E.	Quadrupole and Octopole Electromagnetic Waves in Slightly Non-Uniform Magnetized Plasma Column (2001) <i>Physica Scripta</i> , 63 (1), pp. 36-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012240670&doi=10.1238%2FPhysica.Regular.063a00036&partnerID=40&md5=ecfb621739672c68eb5815676641ba47
	Olefir, V.P. , Azarenkov, N.A., Sporov, A.E.	Gas discharge sustained by the nonpotential symmetric surface wave in magnetized heterogeneous plasma column (2000) <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i> , 1, art. no. 888600, pp. 329-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037621411&doi=10.1109%2FMMET.2000.888600&partnerID=40&md5=73bcb0bf3e1713dba8674c8343d5607b
	Azarenkov, N.A., Galaidych, V.K., Olefir, V.P.	Surface waves of the potential type at the interface between a metal and an inhomogeneous medium (1999) <i>Technical Physics</i> , 44 (7), pp. 810-813.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033239063&partnerID=40&md5=01509a38f324491410ccd004ca512cc0
	Golub, V.L., Kondratenko, A.N., Olefir, V.P.	Nonpotential surface waves in magnetoactive plasma (1991) <i>Izvestiya VUZ: Radiofizika</i> , 34 (6), pp. 639-645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026174978&partnerID=40&md5=b0d8e61f3155b875e466243c32e5a6bb
	Kondratenko, A.N., Olefir, V.P. , Sidorenko, Yu. V.	Conditions for the excitation of electromagnetic waves in plasma waveguides with normal and anomalous Doppler effects (1989) <i>Soviet journal of communications technology & electronics</i> , 34 (1), pp. 163-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024482251&partnerID=40&md5=5edd58d19a10d0f6123aff7499cf6ae
	Kondratenko, A.N., Olefir, V.P.	Nonpotential waves in magnetoactive plasma waveguides (1986) <i>Radiophysics and Quantum Electronics</i> , 29 (6), pp. 492-498.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022729139&doi=10.1007%2FBF01035084&partnerID=40&md5=d8d33047ba31685a00ed1a79df0c0b88
	Azarenkov, N.A., Kondratenko, A.N., Meĭnik, V.N., Olefir, V.P.	SURFACE WAVES AT A PLASMA - METAL BOUNDARY, PROPAGATING AT RIGHT ANGLES TO A MAGNETIC FIELD. (1986) <i>Soviet journal of communications technology & electronics</i> , 31 (3), pp. 103-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022676615&partnerID=40&md5=3fa4348d32997367d9f512d85d5ad7fd
	Azarenkov, N.A., Drobachenko, O.V., Kondratenko, A.N., Olefir, V.P.	Diffraction theory of an electromagnetic wave obliquely incident on a plasma cylinder with spatial dispersion taken into account (1983) <i>Radiophysics and Quantum Electronics</i> , 26 (8), pp. 746-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020797391&doi=10.1007%2FBF01034889&partnerID=40&md5=9d2fa24953b9bfb87cb369fc3d483d9d
	Azarenkov, N.A., Kondratenko, A.N., Olefir, V.P.	THEORY OF DIFFRACTION OF ELECTROMAGNETIC WAVES BY A PLASMA SPHERE INCLUDING SPATIAL DISPERSION. (1983) <i>Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika)</i> , 28 (7), pp. 16-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020777644&partnerID=40&md5=b10501a7ce7e3e5aca482211994eb6ec
91	Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S., Tekueva, D.A., Yakimenko, S.P.	Search for 2K(2v)-capture of 124Xe (2017) <i>Physics of Particles and Nuclei</i> , 48 (1), pp. 38-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8501315622&doi=10.1134%2FS1063779616060083&partnerID=40&md5=feb05f855a63750117bfa32e07c6a716
	Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S., Tekueva, D.A., Yakimenko, S.P.	The origin of the background radioactive isotope 127Xe in the sample of Xe enriched in 124Xe (2017) <i>Physics of Particles and Nuclei</i> , 48 (1), pp. 42-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013175391&doi=10.1134%2FS1063779616060095&partnerID=40&md5=8ce66cdf9f715ad5fd4e9ed58328385
	Alekseenko, V.V., Gavriljuk, Y.M., Gangapshev, A.M., Gezhaev, A.M., Dzhappuev, D.D., Kazalov, V.V., Kudzhaev, A.U., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S., Tekueva, D.A., Yakimenko, S.P.	The study of the thermal neutron flux in the deep underground laboratory DULB-4900 (2017) <i>Physics of Particles and Nuclei</i> , 48 (1), pp. 34-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013219012&doi=10.1134%2FS1063779616060022&partnerID=40&md5=894e46df3d227299fbab56c62e2da9ac
	Kuzminov, V.V., Alekseenko, V.V., Barabanov, I.R., Eteзов, R.A., Gangapshev, A.M., Gavriljuk, Y.M., Gezhaev, A.M., Kazalov, V.V., Khokonov, A.K., Panasenko, S.I. , Ratkevich, S.S.	Some features and results of thermal neutron background measurements with the [ZnS(Ag)+6LiF] scintillation detector (2017) <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 841, pp. 156-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994317339&doi=10.1016%2Fj.nima.2016.10.038&partnerID=40&md5=7b675943a91c7719dc64327e2062a197
	Alexeyev, E.N., Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S.	Results of a search for daily and annual variations of the 214Po half-life at the two year observation period (2016) <i>Physics of Particles and Nuclei</i> , 47 (6), pp. 986-994.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013951758&doi=10.1134%2FS1063779616060034&partnerID=40&md5=b58f0c8c0c6aae15ca07bf6c9831e14e

Lee, J.Y., Alenkov, V., Ali, L., Beyer, J., Bibi, R., Boiko, R.S., Boonin, K., Buzanov, O., Chantima, N., Cheoun, M.K., Chernyak, D.M., Choi, J., Choi, S., Danevich, F.A., Djmal, M., Drung, D., Enss, C., Fleischmann, A., Gangapshev, A., Gastaldo, L., Gavriljuk, Y., Gezhaev, A., Gurentsov, V., Hahn, I.S., Jeon, E.J., Jo, H.S., Joo, H., Kaewkhao, J., Kang, C.S., Kang, S.J., Kang, W.G., Karki, S., Kazalov, V., Khan, S., Khanbekov, N., Kim, G.B., Kim, H.J., Kim, H.L., Kim, H.O., Kim, I., Kim, J.H., Kim, K., Kim, S.K., Kim, S.R., Kim, S.Y., Kim, Y.D., Kim, Y.H., Kirdsiri, K., Ko, Y.J., Kobychhev, V.V., Kornoukhov, V., Kuzminov, V., Lee, H.J., Lee, H.S., Lee, J.H., Lee, J.M., Lee, K.B., Lee, M.H., Lee, M.K., Leonard, D.S., Li, J., Li, J., Li, Y.J., Limkitjaroenporn, P., Ma, K.J., Mineev, O., Mokina, V.M., Olsen, S., Panasenko, S. , Pandey, I., Park, H.K., Park, H.S., Park, K.S., Poda, D.V., Polischuk, O.G., Polozov, P., Prihtadi, H., Ratkevich, S., Ra, S.J., Rooh, G., So, J.H., Srisittipokakun, N., Tekueva, J., Tretiyak, V.I., Veresnikova, A., Wirawan, R., Yakimenko, S., Yershov, N., Yoon, W.S., Yoon, Y.S., Yue, Q.	A Study of Radioactive Contamination of 40Ca100MoO4 Crystals for the AMoRE Experiment (2016) IEEE Transactions on Nuclear Science, 63 (2), art. no. 7454879, pp. 543-547.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964553230&doi=10.1109%2FTNS.2016.2530828&partnerID=40&md5=56dafaee1f3034a4fc7a909a928922ab
Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S., Tekueva, D.A., Yakimenko, S.P.	A technique for searching for the 2K capture in 124Xe with a copper proportional counter (2015) Physics of Atomic Nuclei, 78 (13), pp. 1563-1566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957083695&doi=10.1134%2FS1063778815130098&partnerID=40&md5=9f291ac5df5dee2f45313ded03cd2258
Gavriljuk, Y.M., Gangapshev, A.M., Gezhaev, A.M., Etezev, R.A., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S., Tekueva, D.A., Yakimenko, S.P.	High-resolution ion pulse ionization chamber with air filling for the 222Rn decays detection (2015) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 801, pp. 27-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941265710&doi=10.1016%2Fij.nima.2015.08.034&partnerID=40&md5=c4e076f46d1cfc138cf14066e00c23ad
Gavriljuk, Y.M., Gangapshev, A.N., Derbin, A.V., Drachnev, I.S., Kazalov, V.V., Kobychhev, V.V., Kuz'minov, V.V., Muratova, V.N., Panasenko, S.I. , Ratkevich, S.S., Semenov, D.A., Tekueva, D.A., Unzhakov, E.V., Yakimenko, S.P.	New experiment on search for the resonance absorption of solar axion emitted in the M1 transition of 83Kr nuclei (2015) JETP Letters, 101 (10), pp. 664-669.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938391002&doi=10.1134%2FS1063779615020069&partnerID=40&md5=e5e69e24ec15f10cad4e46cd9f9b9edf
Alexeyev, E.N., Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S.	Sources of the systematic errors in measurements of 214Po decay half-life time variations at the Baksan deep underground experiments (2015) Physics of Particles and Nuclei, 46 (2), pp. 157-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924815215&doi=10.1134%2FS1063779615020021&partnerID=40&md5=456d86148186a22bb6f86236fc742745
Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S., Tekueva, D.A., Yakimenko, S.P.	First result of the experimental search for the 2K-capture of 124Xe with the copper proportional counter (2015) Physics of Particles and Nuclei, 46 (2), pp. 147-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924767850&doi=10.1134%2FS1063779615020082&partnerID=40&md5=3b36c2e1c6f35830fc374df1879fe663
Gavriljuk, Y.M., Gangapshev, A.M., Derbin, A.V., Kazalov, V.V., Kim, H.J., Kim, Y.D., Kobychhev, V.V., Kuzminov, V.V., Ali, L., Muratova, V.N., Panasenko, S.I. , Ratkevich, S.S., Semenov, D.A., Tekueva, D.A., Yakimenko, S.P., Unzhakov, E.V.	First result of the experimental search for the 9.4 keV solar axion reactions with 83Kr in the copper proportional counter (2015) Physics of Particles and Nuclei, 46 (2), pp. 152-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924762752&doi=10.1134%2FS1063779615020094&partnerID=40&md5=a56f0cadde4695ab55a172b864ce7725
Busanov, O.A., Etezev, R.A., Gavriljuk, Y.M., Gezhaev, A.M., Kazalov, V.V., Kornoukhov, V.N., Kuzminov, V.V., Moseev, P.S., Panasenko, S.I. , Ratkevich, S.S., Yakimenko, S.P.	Background radioactivity of construction materials, raw substance and ready-made CaMoO4 crystals (2014) EPJ Web of Conferences, 65, art. no. 03002, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898739055&doi=10.1051%2Fepjconf%2F20136503002&partnerID=40&md5=c0170975da393ce29fbb6948d50fc4fb
Gavriljuk, J.M., Gangapshev, A.M., Gezhaev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S., Smolnikov, A.A., Yakimen, S.P.	Working characteristics of the New Low-Background Laboratory (DULB-4900) (2013) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 729, pp. 576-580.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883670880&doi=10.1016%2Fij.nima.2013.07.090&partnerID=40&md5=21d09c9a067ba5b4772b374e261e360a
Gavriljuk, Y.M., Gangapshev, A.M., Zhantudueva, D.A., Kazalov, V.V., Kuz'minov, V.V., Panasenko, S.I. , Ratkevich, S.S., Efendiev, K.V., Yakimenko, S.P.	Results of experiments devoted to searches for 2K capture on 78Kr and for the double-beta decay of 136Xe with the aid of proportional counters (2013) Physics of Atomic Nuclei, 76 (9), pp. 1063-1071.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884521687&doi=10.1134%2FS1063778813090068&partnerID=40&md5=30102f1d8ec300b9533930e41f21758
Alexeyev, E.N., Alekseenko, V.V., Gavriljuk, J.M., Gangapshev, A.M., Gezhaev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S., Yakimenko, S.P.	Experimental test of the time stability of the half-life of alpha-decay 214Po nuclei (2013) Astroparticle Physics, 46, pp. 23-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878294752&doi=10.1016%2Fij.astropartphys.2013.04.005&partnerID=40&md5=c454452b2c9fa007ea5d93da4d8791b8
Gavriljuk, Yu.M., Gangapshev, A.M., Kazalov, V.V., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S.	Indications of 2v2K capture in 78Kr (2013) Physical Review C - Nuclear Physics, 87 (3), art. no. 035501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875129989&doi=10.1103%2FPhysRevC.87.035501&partnerID=40&md5=6922fbd2de46fb7c22c883a298b45b26

So, J.H., Kim, H.J., Alenkov, V.V., Annenkov, A.N., Bhang, H., Boiko, R.S., Buzanov, O.A., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V., Enssg, C., Fleischmann, A., Gangapshev, A.M., Gastaldo, L., Gavryluk, Yu.M., Gezhaev, A.M., Hwang, Y.S., Jang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, G.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychhev, V.V., Kornoukhov, V.N., Kuzminov, V.V., Lee, H.J., Lee, H.S., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Mokina, V.M., Myung, S.S., Nikolaiko, A.S., Olsen, S.L., Panasenko, S.I. , Poda, D.V., Podviyanuk, R.B., Polischuk, O.G., Polozov, P.A., Ratkevich, S.S., Satou, Y., Tanida, K., Tretyak, V.I., Yakimenko, S.P., Yoon, W.S., Yue, Q., Yuryev, Y.N.	A study of CaMoO ₄ crystals for the AMoRE Experiment (2012) IEEE Nuclear Science Symposium Conference Record, art. no. 6551459, pp. 1987-1990.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881566460&doi=10.1109%2fINSSMIC.2012.6551459&partnerID=40&md5=b097a3bc8954bb39308780a12ba30529
Bhang, H., Boiko, R.S., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V., Enss, C., Fleischmann, A., Gangapshev, A.M., Gastaldo, L., Gezhaev, A.M., Hwang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, H.J., Kim, K.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychhev, V.V., Kornoukhov, V.N., Kuzminov, V.V., Mokina, V.M., Lee, H.S., Lee, J.I., Lee, J.M., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Li, X., Myung, S.S., Nikolaiko, A.S., Olsen, S., Panasenko, S.I. , Park, H., Poda, D.V., Podviyanuk, R.B., Polischuk, O.G., Polozov, P.A., Ratkevich, S.S., Satou, Y., So, J.H., Tanida, K., Tretyak, V.I., Yakimenko, S.P., Yue, Q., Yuryev, Y.	AMoRE experiment: A search for neutrinoless double beta decay of 100Mo isotope with 40Ca 100MoO ₄ cryogenic scintillation detector (2012) Journal of Physics: Conference Series, 375 (PART 4), art. no. 042023, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867574855&doi=10.1109%2fTNS.2012.2200908&partnerID=40&md5=9e16430dc0886eae3cf3b69609b74bb2
So, J.H., Kim, H.J., Alenkov, V.V., Annenkov, A.N., Bhang, H., Boiko, R.S., Buzanov, O.A., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V., Gangapshev, A.M., Gavryluk, Y.M., Gezhaev, A.M., Hwang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, G.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychhev, V.V., Kornoukhov, V.N., Kuzminov, V.V., Lee, H.S., Lee, J.I., Lee, J.M., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Li, X., Mokina, V.M., Myung, S.S., Nikolaiko, A.S., Olsen, S., Panasenko, S.I. , Park, H., Poda, D.V., Podviyanuk, R.B., Polischuk, O.G., Polozov, P.A., Ratkevich, S.S., Satou, Y., So, J.H., Tanida, K., Tretyak, V.I., Yakimenko, S.P., Yue, Q., Yuryev, Y.	Scintillation properties and internal background study of 40Ca 100MoO ₄ crystal scintillators for neutrino-less double beta decay search (2012) IEEE Transactions on Nuclear Science, 59 (5 PART 2), art. no. 6236260, pp. 2214-2218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867574855&doi=10.1109%2fTNS.2012.2200908&partnerID=40&md5=1cea69789849cad18c51fa827db53674
Gavriljuk, Yu.M., Gangapshev, A.M., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S.	Monitoring the 222Rn concentration in the air of low-background laboratories by means of an ion-pulse ionization chamber (2011) Bulletin of the Russian Academy of Sciences: Physics, 75 (4), pp. 547-551.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957489363&doi=10.3103%2fIS1062873811040150&partnerID=40&md5=4a8c4937dbafe2daca08c06a1e8562e9
Gavriljuk, Yu.M., Gangapshev, A.M., Kazalov, V.V., Kuz'Minov, V.V., Panasenko, S.I. , Ratkevich, S.S., Yakimenko, S.P.	Investigating 2K-capture in 78Kr with a large-volume copper proportional counter (2011) Bulletin of the Russian Academy of Sciences: Physics, 75 (4), pp. 526-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957489364&doi=10.3103%2fIS1062873811040149&partnerID=40&md5=be6022eb321c21d28814c1bc004f9dda
Gavriljuk, Y.M., Gangapshev, A.M., Kazalov, V.V., Kuz'Minov, V.V., Panasenko, S.I. , Ratkevich, S.S., Yakimenko, S.P.	Pulse shape analysis and identification of multipoint events in a large-volume proportional counter in an experimental search for 2K capture of 78Kr (2010) Instruments and Experimental Techniques, 53 (1), pp. 57-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950831397&doi=10.1134%2fIS0020441210010082&partnerID=40&md5=174fb0d85a8b9e98e56961927be84963
Gavriljuk, Yu.M., Gangapshev, A.M., Kazalov, V.V., Kuz'Minov, V.V., Panasenko, S.I. , Ratkevich, S.S.	An ion pulse ionization chamber for spectrometric measurements of low surface α activities (2009) Instruments and Experimental Techniques, 52 (2), pp. 173-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65149101836&doi=10.1134%2fIS0020441209020055&partnerID=40&md5=2cfd7e9c201b1daf6261007f3bc2f33f
Gavriljuk, Ju.M., Gangapshev, A.M., Kuzminov, V.V., Panasenko, S.I. , Ratkevich, S.S.	Results of a search for 2β decay of ¹³⁶ Xe with high-pressure copper proportional counters in Baksan Neutrino Observatory (2006) Physics of Atomic Nuclei, 69 (12), pp. 2129-2133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845750659&doi=10.1134%2fIS1063778806120180&partnerID=40&md5=173def4fea6de879c783d7d4fa432516
Gavriljuk, Ju.M., Gangapshev, A.M., Gavrin, V.N., Kazalov, V.V., Kuzminov, V.V., Osetrova, N.Ya., Panasenko, S.I. , Pul'nikov, I.I., Ratkevich, S.S., Ryabukhin, A.V., Shubin, A.N., Skorynin, G.V.	New stage of search for 2K(2v) capture of 78Kr (2006) Physics of Atomic Nuclei, 69 (12), pp. 2124-2128.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845766336&doi=10.1134%2fIS1063778806120179&partnerID=40&md5=7fb9a686780f31a4528695d814e51d79
Gavriljuk, Yu.M., Gangapshev, A.M., Kuzminov, V.V., Osetrova, N.Ya., Panasenko, S.I. , Ratkevich, S.S.	Analysis of α -particle background events in a high-pressure proportional counter (2004) Physics of Atomic Nuclei, 67 (11), pp. 2017-2020.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144300872&doi=10.1134%2fIS1825521&partnerID=40&md5=3e597a3e776ef9525b79f5d95f267fbb
Gavriljuk, Yu.M., Gangapshev, A.M., Kuzminov, V.V., Osetrova, N.Ya., Panasenko, S.I. , Ratkevich, S.S.	First results of a search for the two-neutrino double-beta decay of ¹³⁶ Xe with high-pressure copper proportional counters (2004) Physics of Atomic Nuclei, 67 (11), pp. 2011-2016.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11144249403&doi=10.1134%2fIS1825520&partnerID=40&md5=44df7f1d9507f0dbd4bc4e088d61bf46
Gavriljuk, Yu.M., Gangapshev, A.M., Kuz'minov, V.V., Osetrova, N.Ya., Panasenko, S.I. , Ratkevich, S.S.	Characteristics of a proportional counter filled with CF ₄ and additions of Xe (2003) Instruments and Experimental Techniques, 46 (1), pp. 26-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4043093558&doi=10.1023%2fA%3a1022570904212&partnerID=40&md5=d4947ece29317bf3d85e2cd7fec4989c
Gavriljuk, Yu.M., Gangapshev, A.M., Kuz'minov, V.V., Osetrova, N.Ya., Panasenko, S.I. , Ratkevich, S.S.	Characteristics of a proportional counter filled with CF ₄ and additions of Xe (2003) Pribory i Tekhnika Eksperimenta, 46 (1), pp. 31-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037228134&partnerID=40&md5=fba5eb2f83994da5461b4494c3fb14e9
Gopych, P.M., Demchenko, M.N., Zalyubovskij, I.I., Kizim, P.S., Panasenko, S.I.	Cross section of (n, d) + (n, np) + (n, pn) reactions on even cadmium and tin isotopes at neutron energy of 14 MeV (1993) Atomnaya Energiya, 75 (3), pp. 233-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027666715&partnerID=40&md5=825636fbde050681bd1d5a11b8ef0f9
Gopych, P.M., Demchenko, M.N., Zalyubovskii, I.I., Kizim, P.S., Panasenko, S.I.	Cross section of the reaction (n, d) + (n, np) + (n, pn) at even cadmium and tin isotopes for 14-MeV neutrons (1993) Atomic Energy, 75 (3), pp. 738-740.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249763951&doi=10.1007%2fBF00750085&partnerID=40&md5=cca12761016b60dade2994cc4cc2d9c4

	Kolesnik, V.T., Kropotov, A.Yu., Kurochkin, S.N., Panasenko, S.I. , Chernyi, V.V.	150-kv RAIL-TYPE GAS DISCHARGER. (1986) Instruments and experimental techniques New York, 29 (1 pt 1), pp. 116-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022581088&partnerID=40&md5=2a21c40fc13e7d1485235be0f82ae5b
92	Tishkovets, V.P. , Petrova, E.V.	On applicability of the far-field approximation to the analysis of light scattering by particulate media (2016) Journal of Quantitative Spectroscopy and Radiative Transfer, 182, pp. 24-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969779537&doi=10.1016%2Fj.jqsrt.2016.05.013&partnerID=40&md5=a95bb7f33d24b888eb6d9950da2da871
	Tishkovets, V.P. , Petrova, E.V.	Coherent backscattering by discrete random media composed of clusters of spherical particles (2013) Journal of Quantitative Spectroscopy and Radiative Transfer, 127, pp. 192-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881219624&doi=10.1016%2Fj.jqsrt.2013.05.017&partnerID=40&md5=0854bdd3ad3d9afe3cc05d80a7a735ac
	Petrova, E.V., Tishkovets, V.P.	Light scattering by aggregates of varying porosity and the opposition phenomena observed in the low-albedo particulate media (2011) Journal of Quantitative Spectroscopy and Radiative Transfer, 112 (13), pp. 2226-2233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960897206&doi=10.1016%2Fj.jqsrt.2011.01.011&partnerID=40&md5=54703b078772e88e9b79e13c75459873
	Tishkovets, V.P. , Petrova, E.V., Mishchenko, M.I.	Scattering of electromagnetic waves by ensembles of particles and discrete random media (2011) Journal of Quantitative Spectroscopy and Radiative Transfer, 112 (13), pp. 2095-2127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960897389&doi=10.1016%2Fj.jqsrt.2011.04.010&partnerID=40&md5=55cc0408dda57af89dd3470a243539f9
	Petrova, E.V., Tishkovets, V.P.	Light scattering by morphologically complex objects and opposition effects (a review) (2011) Solar System Research, 45 (4), pp. 304-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961201701&doi=10.1134%2FS0038094611030038&partnerID=40&md5=0d98d7fae0a16966ffe469f5ae02423a
	Mishchenko, M.I., Tishkovets, V.P. , Travis, L.D., Cairns, B., Dlugach, J.M., Liu, L., Rosenbush, V.K., Kiselev, N.N.	Electromagnetic scattering by a morphologically complex object: Fundamental concepts and common misconceptions (2011) Journal of Quantitative Spectroscopy and Radiative Transfer, 112 (4), pp. 671-692.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78751575867&doi=10.1016%2Fj.jqsrt.2010.03.016&partnerID=40&md5=a589508dbcb4d86bcc43ad9bba7ca1
	Tishkovets, V.P. , Mishchenko, M.I.	Coherent backscattering: Conceptions and misconceptions (reply to comments by Bruce W. Hapke and Robert M. Nelson) (2010) Journal of Quantitative Spectroscopy and Radiative Transfer, 111 (4), pp. 645-649.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72249096697&doi=10.1016%2Fj.jqsrt.2009.11.007&partnerID=40&md5=1052118ab888af008e1aded399e95f3
	Kolokolova, L., Buratti, B., Tishkovets, V.	Impact of coherent backscattering on the spectra of icy satellites of Saturn and the implications of its effects for remote sensing (2010) Astrophysical Journal Letters, 711 (2 PART 2), pp. L71-L74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949511933&doi=10.1088%2F2041-8205%2F711%2F2%2F2fL71&partnerID=40&md5=4ded6d97bb1716381b1ebec0adfd9845
	Petrova, E.V., Tishkovets, V.P. , Jockers, K.	Interaction of particles in the near field and opposition effects in regolith-like surfaces (2009) Solar System Research, 43 (2), pp. 100-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64749092824&doi=10.1134%2FS0038094609020026&partnerID=40&md5=6f15c9a9d72c433714564fca245faf0
	Tishkovets, V.P. , Mishchenko, M.I.	Approximate calculation of coherent backscattering for semi-infinite discrete random media (2009) Journal of Quantitative Spectroscopy and Radiative Transfer, 110 (1-2), pp. 139-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56949088510&doi=10.1016%2Fj.jqsrt.2008.09.005&partnerID=40&md5=4f995ac1dcb03362b9c2b04b60a40c
	Tishkovets, V.P.	Light scattering by closely packed clusters: Shielding of particles by each other in the near field (2008) Journal of Quantitative Spectroscopy and Radiative Transfer, 109 (16), pp. 2665-2672.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50949113439&doi=10.1016%2Fj.jqsrt.2008.05.008&partnerID=40&md5=c8fb06ea02bb21980743308e806da86f
	Petrova, E.V., Tishkovets, V.P. , Jockers, K.	Rebuttal to comment on "Modeling of opposition effects with ensembles of clusters: Interplay of various scattering mechanisms" by Elena V. Petrova, Victor P. Tishkovets, Klaus Jockers, 2007 [Icarus 188, 233-245] (2008) Icarus, 194 (2), pp. 853-856.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40849127051&doi=10.1016%2Fj.jqsrt.2007.10.018&partnerID=40&md5=d0d94b5f4a8eb4c9f29335ca52425793
	Tishkovets, V.P.	Incoherent and coherent backscattering of light by a layer of densely packed random medium (2007) Journal of Quantitative Spectroscopy and Radiative Transfer, 108 (3), pp. 454-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35348838421&doi=10.1016%2Fj.jqsrt.2007.06.008&partnerID=40&md5=e08abd193166f742062d807d4aa02fa6
	Boruhovich, S.P., Litvinov, P.V., Tishkovets, V.P. , Prosvirnin, S.L.	Three-dimensional chirality degree model (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, art. no. 4294830, pp. 833-835.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249143330&doi=10.1109%2FMSMW.2007.4294830&partnerID=40&md5=008d98ab01a1776c12254cbe9315c3b4
	Petrova, E.V., Tishkovets, V.P. , Jockers, K.	Modeling of opposition effects with ensembles of clusters: Interplay of various scattering mechanisms (2007) Icarus, 188 (1), pp. 233-245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147102786&doi=10.1016%2Fj.jqsrt.2006.11.011&partnerID=40&md5=3d023cf262da9d7247007577102992f
	Litvinov, P., Tishkovets, V. , Ziegler, K.	Coherent backscattering effects for discrete random media: Numerical and theoretical results (2007) Journal of Quantitative Spectroscopy and Radiative Transfer, 103 (1), pp. 131-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749526294&doi=10.1016%2Fj.jqsrt.2006.06.002&partnerID=40&md5=3c172bc39e49a6c1c1c92d6d4e33b067
	Tishkovets, V.P. , Jockers, K.	Multiple scattering of light by densely packed random media of spherical particles: Dense media vector radiative transfer equation (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (1), pp. 54-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646350251&doi=10.1016%2Fj.jqsrt.2005.10.001&partnerID=40&md5=6524f393600598836f0269959c8669f6
	Litvinov, P.V., Tishkovets, V.P.	Dependence of photometric and polarimetric characteristics of backscattered radiation on properties of discrete random medium: Some numerical results and theoretical conclusions (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 181-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344264928&partnerID=40&md5=2f2bf9f1c00830a9db53576ad75e7aa27
	Petrova, E.V., Tishkovets, V.P. , Jockers, K.	Polarization of light scattered by solar system bodies and the aggregate model of dust particles (2004) Solar System Research, 38 (4), pp. 309-324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344571012&doi=10.1023%2FB%3aSOLS.0000037466.32514.fe&partnerID=40&md5=898d54d97b90cf03bccd68b743ac1371
	Tishkovets, V.P. , Petrova, E.V., Jockers, K.	Optical properties of aggregate particles comparable in size to the wavelength (2004) Journal of Quantitative Spectroscopy and Radiative Transfer, 86 (3), pp. 241-265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2142715475&doi=10.1016%2Fj.jqsrt.2003.08.003&partnerID=40&md5=1860717fe26f016e1811a07166256d51
	Tishkovets, V.P. , Mishchenko, M.I.	Coherent backscattering of light by a layer of discrete random medium (2004) Journal of Quantitative Spectroscopy and Radiative Transfer, 86 (2), pp. 161-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642446552&doi=10.1016%2FS0022-4073%2803%2900281-4&partnerID=40&md5=17bcac26dd2a8dd07185e9c2e3d4bcab
	Tishkovets, V.P. , Litvinov, P.V., Tishkovets, S.V.	Interference Effects in Backscattering of Light by a Layer of a Discrete Random Medium (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 93 (6), pp. 899-907.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141449042&doi=10.1134%2F1.1531714&partnerID=40&md5=4ff995ef5ab64772d61be7a64dec9c6
	Tishkovets, V.P. , Litvinov, P.V., Lyubchenko, M.V.	Coherent opposition effects for semi-infinite discrete random medium in the double-scattering approximation (2002) Journal of Quantitative Spectroscopy and Radiative Transfer, 72 (6), pp. 803-811.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037086785&doi=10.1016%2FS0022-4073%2801%2900159-5&partnerID=40&md5=4117a09d7a0ca4caea0d84512126c602
	Tishkovets, V.P.	Multiple scattering of light by a layer of discrete random medium: Backscattering (2002) Journal of Quantitative Spectroscopy and Radiative Transfer, 72 (2), pp. 123-137.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037079634&doi=10.1016%2FS0022-4073%2801%2900059-0&partnerID=40&md5=cd6ebe771d076a48ca5e618822571b89
	Tishkovets, V.P. , Litvinov, P.V., Lyubchenko, M.V.	Coherent and incoherent backscattering of EM-waves by a semi-infinite random medium (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, art. no. 946783, pp. 193-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966589261&doi=10.1109%2FMSMW.2001.946783&partnerID=40&md5=a489a3e9232d158d7eadc9f05e8a6b5e
	Litvinov, P.V., Tishkovets, V.P.	Light absorption coefficients for randomly oriented clusters of spherical particles in the double-scattering approximation (1999) Optika i Spektroskopiya, 86 (1), pp. 98-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749416766&partnerID=40&md5=649b65ec8a692ea9fc68938c26e85c
	Litvinov, P.V., Tishkovets, V.P.	Light absorption coefficients for randomly oriented clusters of spherical particles in the double-scattering approximation (1999) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 86 (1), pp. 87-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21044442422&partnerID=40&md5=07f01e5262c30a04cdc0b94797199d1be
	Tishkovets, V.P. , Litvinov, P.V.	Opposition effects in light scattering by regolith-type media (1999) Solar System Research, 33 (2), pp. 162-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644449374&partnerID=40&md5=f1cbb46223d83171874b636a289a519b

	Tishkovets, V.P., Shkuratov, Yu.G., Litvinov, P.V.	Comparison of collective effects at scattering by randomly oriented clusters of spherical particles (1999) Journal of Quantitative Spectroscopy and Radiative Transfer, 61 (6), pp. 767-773.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032950098&doi=10.1016%2F0022-4073%2898%2900063-6&partnerID=40&md5=da16aab274900bb8837c592b8275c2a
	Tishkovets, V.P.	Backscattering of light by close-packed systems of particles (1998) Optika i Spektroskopiya, 85 (2), pp. 233-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141504629&partnerID=40&md5=3d911937755abfe590e6b4b5212fde70
	Tishkovets, V.P.	Electromagnetic wave scattering by the system of randomly oriented clusters of spherical particles (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (6-7), pp. 83-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044460313&partnerID=40&md5=35b1d346680856e8e381242ec63637c1
	Timchenko, A.I., Tishkovets, V.P.	Scattering from periodically located objects embedded near the randomly rough surface of a moist soil (1997) International Geoscience and Remote Sensing Symposium (IGARSS), 1, pp. 230-231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030651583&partnerID=40&md5=40c56aeaf6a1c7b6b93a175b9b149ff
	Tishkovets, V.P., Litvinov, P.V.	Coefficients of light extinction by randomly oriented clusters of spherical particles in the double scattering approximation (1996) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 81 (2), pp. 288-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141616151&partnerID=40&md5=f4f0a9b8b4934580e74a33a8df50c50c
93.	Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P., Blinova, N.K., Penkin, Y.M., Dakhov, V.M.	Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, статья № 7543971, pp. 388-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984973594&doi=10.1109%2FMMET.2016.7543971&partnerID=40&md5=1bfb84d3033708d6cdad60e1adcc2704
	Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V., Penkin, D.Y.	Radiation fields of radial monopole array mounted on a perfectly conducting sphere (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, статья № 7324254, pp. 66-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959189117&doi=10.1109%2FDIPED.2015.7324254&partnerID=40&md5=073f8380439df373245cf784b7d2f606
	Penkin, D.Y., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M., Berdnik, S.L.	Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere (2015) Progress In Electromagnetics Research B, 62 (1), pp. 137-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930668941&doi=10.2528%2FPIERB14120102&partnerID=40&md5=ba7bec649c348bb76a9e3ba81154451
	Penkin, D.Y., Katrich, V.A., Dakhov, V.M., Nesterenko, M.V., Berdnik, S.L.	Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650699, pp. 123-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898619557&doi=10.1109%2FICATT.2013.6650699&partnerID=40&md5=aa4df88f673770a7b91d49b1af313d6
	Dakhov, V.M., Katrich, V.A., Berdnik, S.L.	Optimization of the radiation pattern of regular antenna arrays with taking into account mutual coupling between radiators (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379767, pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872250321&doi=10.1109%2FUWBUSIS.2012.6379767&partnerID=40&md5=c536b7a76cc2e3bdfde94c4db4cc401d
	Dakhov, V.M., Katrich, V.A., Berdnik, S.L.	Optimization of irregular antenna arrays taking into account mutual coupling of radiators (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336054, pp. 457-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869834177&partnerID=40&md5=7150fa623f796627d6b7c0242477b7a0
	Dakhov, V.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L.	Radiation polarization control of the turnstile antenna with impedance vibrators (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, статья № 6170740, pp. 199-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859977200&doi=10.1109%2FICATT.2011.6170740&partnerID=40&md5=1271f6675fee3a6a9f35d6cd3b57a8
	Nesterenko, M.V., Katrich, V.A., Penkin, Y.M., Dakhov, V.M., Berdnik, S.L.	Thin impedance vibrators: Theory and applications (2011) Lecture Notes in Electrical Engineering, 95 LNEE, pp. 1-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868275623&doi=10.1007%2F978-1-4419-7850-9&partnerID=40&md5=5ba75bae007261cf86933130ed2b37a8
	Penkin, D.Yu., Katrich, V.A., Nesterenko, M.V., Dakhov, V.M.	Input resistance of impedance monopole on spherical scatterer (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069070, pp. 596-597.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142449&partnerID=40&md5=1a067cb2c85a122e8816d28ec8edc560
	Penkin, D.Yu., Katrich, V.A., Nesterenko, M.V., Dakhov, V.M.	Current distribution in radial impedance monopole on spherical scatterer (2010) KpbiMuKo 2010 CrMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632476, pp. 583-584.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650398705&partnerID=40&md5=c4b6af4cb45155de3b0a58981c78847b
	Nesterenko, M.V., Katrich, V.A., Penkin, S.L.B.Y.M., Dakhov, V.M.	Application of the generalized method of induced EMF for investigation of characteristics of thin impedance vibrators (2010) Progress In Electromagnetics Research B, (26), pp. 149-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650365378&doi=10.2528%2FPIERB10052902&partnerID=40&md5=9476db33b9c072180c79accb6c19b9db
	Nesterenko, M.V., Katrich, V.A., Dakhov, V.M., Kiyko, V.I.	Electrodynamic characteristics of the system impedance vibrator - Slot radiator in a rectangular waveguide (2010) DIPED-2010 - 15th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, Proceedings, статья № 5623924, pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650210994&partnerID=40&md5=d39c123ef2e518148060acd971a91cf5
	Nesterenko, M.V., Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Pshenichnaya, S.V.	Electromagnetic waves radiation by thin vibrators with asymmetrical surface impedance (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609138, pp. 212-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650082400&doi=10.1109%2FUWBUSIS.2010.5609138&partnerID=40&md5=54e332e2d7387d5f7877e0e4d0d62330
	Nesterenko, M.V., Katrich, V.A., Dakhov, V.M.	Formation of the radiation field with given spatial-polarization characteristics by a system of crossed impedance dipoles (2010) Radiophysics and Quantum Electronics, 53 (5-6), pp. 371-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651431130&doi=10.1007%2Fsi11141-010-9236-6&partnerID=40&md5=6d5ed1ff355bf245faef7ee96ba0fdb
	Nesterenko, M.V., Penkin, D.Y., Katrich, V.A., Dakhov, V.M.	Equation solution for the current in radial impedance monopole on the perfectly conducting sphere (2010) Progress In Electromagnetics Research B, (19), pp. 95-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455130803&partnerID=40&md5=286fa4238ac9a3f51614f59f00a0320a
	Gorobets, N.N., Dakhov, V.M., Gorbach, I.V.	Directivity and polarization characteristics of an open end of the round waveguide with the impedance flange (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1811-1819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849094671&doi=10.1615%2FtelecomRadEng.v68.i20.30&partnerID=40&md5=5e78510bb89887c85c6da9205b7c3038
	Gorobets, N.N., Dakhov, V.M.	Total and differential patterns in the whole space of observation for corner antenna arrays (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (12), pp. 1045-1057.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350300628&doi=10.1615%2FtelecomRadEng.v68.i12.30&partnerID=40&md5=f2b45ea7c011768fe563af2bbd910549
	Gorobets, N.N., Dakhov, V.M.	Difference radiation patterns of the center-fed corner arrays (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (2), pp. 121-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65349096328&doi=10.1615%2FtelecomRadEng.v68.i2.30&partnerID=40&md5=272d132822be1a0014a15871d0030ae8
	Dakhov, V.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L.	Radiation field of crossed vibrators system into flat-layered medium with losses (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, статья № 4669366, pp. 86-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649200252&doi=10.1109%2FUWBUSIS.2008.4669366&partnerID=40&md5=06506cef28c39bf129e6f6613721047f
	Dakhov, V.M., Katrich, V.A., Nesterenko, M.V.	Compact radiator for microwave hyperthermia (2008) KpbiMuKo 2008 CrMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676634, pp. 860-861.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049150432&doi=10.1109%2FCRMICO.2008.4676634&partnerID=40&md5=bd734ad43d67eb9b6cd7dcddde45f55
	Katrich, V.A., Nesterenko, M.V., Dakhov, V.M.	The near zone field of crossed impedance vibrators in absorbing medium over the perfect conducting plane (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425151, pp. 184-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849124908&doi=10.1109%2FICATT.2007.4425151&partnerID=40&md5=0aaf9a4a0e38e51715f52d61bb780404
	Katrich, V.A., Dakhov, V.M.	The point objective function for optimization of side lobes of linear antenna arrays (2007) Radioelectronics and Communications Systems, 50 (5), pp. 235-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34447636078&doi=10.3103%2FISOT72707050019&partnerID=40&md5=dd5467e4b482911b199ce5e72ba09da4

	Nesterenko, M.V., Dakhov, V.M.	The near zone field of thin impedance vibrators over perfect conducting plane (2005) 5th International Conference on Antenna Theory and Techniques, 2005, статья № 1496906, pp. 145-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745448455&doi=10.1109%2FICATT.2005.1496906&partnerID=40&md5=1f6fec10790d053c074fc43229753064
	Nesterenko, M.V., Katrich, V.A., Dakhov, V.M.	The near zone fields and polarization characteristics of crossed impedance vibrators over perfect conducting plane (2005) Proceedings of Xth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2005, 2005, статья № 1564573, pp. 97-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846312175&partnerID=40&md5=349a1e6770dfc3a2d0a5201ead8fe9f
	Gorobets, N.N., Dakhov, V.M.	Directive gain of corner antenna arrays (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CrMiCo'04, pp. 327-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644383598&partnerID=40&md5=176c22aeb011ce9e366068a3a731ebf8
	Gorobets, N.N., Dakhov, V.M.	Characteristics of angle antenna arrays with difference patterns (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 623-625.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544298329&partnerID=40&md5=4962383afad2691a9116b07ff29959
	Dakhov, V.M. , Gorobets, N.N.	Side-lobe decrease in the corner waveguide-slot antennas array (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CrMiCo 2003 - Conference Proceedings true, статья № 1256562, pp. 410-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945156518&doi=10.1109%2FCRMICO.2003.158877&partnerID=40&md5=6c7663f146b0593c8c09adf102ca4baa
	Gorobets, N.N., Gorobets, Yu.N., Dakhov, V.M.	Directional and band characteristics of antenna arrays of a traveling wave with the two-channel excitation (2001) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 44 (3), pp. 3-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035769193&partnerID=40&md5=c24102e3a3661fcdcd94d477a66ca5f7
	Gorobets, Yu.N., Dakhov, V.M.	Linear travelling wave array with two-channel excitation and nonparallel arrangement of subarrays (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947245, pp. 600-603.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966570203&doi=10.1109%2FMSMW.2001.947245&partnerID=40&md5=934a078a10ee451a3d32e448d6cfc32
	Gorobets, N.N., Dakhov, V.M. , Gorobets, Yu.N.	Tunable corner travelling wave antenna array with central excitation (2001) CrMiCo 2001 - 11th International Conference, статья № 1173845, pp. 341-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956705864&partnerID=40&md5=4d1eefb6f15afcb8d4858f942a7d973
	Gorobets, N.N., Dakhov, V.M. , Katrich, V.A., Bandura, N.A., Cherny, I.V.	Polarization selector based on a square waveguide (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947285, pp. 713-714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966665228&doi=10.1109%2FMSMW.2001.947285&partnerID=40&md5=d79758d71345ad5a02c25018f9a8630
	Gorobetz, N.N., Gorobetz, Y.N., Dakhov, V.M.	Directivity characteristics of the dual-end-fed traveling wave antennas (1997) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 51 (9), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844552854&partnerID=40&md5=5266c1a3d9464e5c70e5d033b6aaeb0ac
94.	Yuffa, A.J., Kaydash, V., Korokhin, V. , Shkuratov, Y., Zubko, E., Videen, G.	Phase-ratio imaging as applied to desert sands for tracking human presence (2017) Applied Optics, 56 (3), pp. B184-B190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010209711&doi=10.1364%2Fao.56.00B184&partnerID=40&md5=8a65b05678032ea3c0d01c366a638620
	Velikodsky, Y., Korokhin, V.V. , Shkuratov, Y., Kaydash, V.G., Videen, G.	Opposition effect of the Moon from LROC WAC data (2016) Icarus, 275, pp. 1-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963971909&doi=10.1016%2Fj.icarus.2016.04.005&partnerID=40&md5=7f8fc4f6bb593a387dfe3a131500423
	Shkuratov, Y., Kaydash, V., Rohacheva, L., Korokhin, V. , Ivanov, M., Velikodsky, Y., Videen, G.	Comparison of lunar red spots including the crater copernicus (2016) Icarus, 272, pp. 125-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960406934&doi=10.1016%2Fj.icarus.2016.02.034&partnerID=40&md5=f6b137964e73784d60423b01b90d8ed9
	Korokhin, V. , Shkuratov, Y., Kaydash, V., Basilevsky, A., Rohachova, L., Velikodsky, Y., Opanasenko, N., Videen, G., Stankevich, D., Kaluhina, O.	Characterization of a photometric anomaly in lunar Mare Nubium (2016) Planetary and Space Science, 122, pp. 70-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957018108&doi=10.1016%2Fj.pss.2016.01.011&partnerID=40&md5=9ef130d7256270e69c8b377c112db87
	Shkuratov, Y., Opanasenko, N., Korokhin, V. , Videen, G.	The moon (2015) Polarimetry of Stars and Planetary Systems, pp. 303-319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952926574&doi=10.1017%2FCBO9781107358249.018&partnerID=40&md5=a5daf9df0fda8667cc30a41a3080bb4f
	West, R.A., Yanamandra-Fisher, P.A., Korokhin, V.	Gas giant planets, saturn's rings, and titan (2015) Polarimetry of Stars and Planetary Systems, pp. 320-339.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952912897&doi=10.1017%2FCBO9781107358249.019&partnerID=40&md5=7d4ba449ed3c3dbec5d9cc9e4dc9264
	Korokhin, V.V. , Velikodsky, Y.I., Shalygin, E.V., Shkuratov, Y.G., Kaydash, V.G., Videen, G.	Retrieving lunar topography from multispectral LROC images (2014) Planetary and Space Science, 92, pp. 65-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896089061&doi=10.1016%2Fj.pss.2014.01.008&partnerID=40&md5=22b59065aa1da44008f50ea20110681
	Kaydash, V., Pieters, C., Shkuratov, Y., Korokhin, V.	Lunar opposition effect as inferred from Chandrayaan-1 M3 data (2013) Journal of Geophysical Research E: Planets, 118 (6), pp. 1221-1232.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881325530&doi=10.1002%2Fjgre.20098&partnerID=40&md5=0a5c03bf63aba3f0b4004028451ba038
	Shkuratov, Y., Kaydash, V., Korokhin, V. , Velikodsky, Y., Petrov, D., Zubko, E., Stankevich, D., Videen, G.	Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" (2013) Journal of Quantitative Spectroscopy and Radiative Transfer, 116, pp. 191-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871935233&doi=10.1016%2Fj.jqsrt.2012.11.004&partnerID=40&md5=224a2b9fec21fb50f1f293c80061f1f
	Shkuratov, Y., Kaydash, V., Korokhin, V. , Velikodsky, Y., Petrov, D., Zubko, E., Stankevich, D., Videen, G.	A critical assessment of the Hapke photometric model (2012) Journal of Quantitative Spectroscopy and Radiative Transfer, 113 (18), pp. 2431-2456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868190967&doi=10.1016%2Fj.jqsrt.2012.04.010&partnerID=40&md5=b3e39aac6846b321d5182d9ef1607de37
	Shkuratov, Y., Kaydash, V., Korokhin, V. , Velikodsky, Y., Opanasenko, N., Videen, G.	Optical measurements of the Moon as a tool to study its surface (2011) Planetary and Space Science, 59 (13), pp. 1326-1371.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052868254&doi=10.1016%2Fj.pss.2011.06.011&partnerID=40&md5=f3aabc0f34555f20f42260536036ba13
	Velikodsky, Y., Opanasenko, N.V., Akimov, L.A., Korokhin, V.V. , Shkuratov, Y., Kaydash, V.G., Videen, G., Ehgamberdiev, S., Berdalieva, N.E.	New Earth-based absolute photometry of the Moon (2011) Icarus, 214 (1), pp. 30-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959568501&doi=10.1016%2Fj.icarus.2011.04.021&partnerID=40&md5=74ed1a575c95e6260dcd175e4de7b791
	Opanasenko, A.N., Opanasenko, N.V., Shkuratov, Y.G., Kaidash, V.G., Velikodskii, Y.I., Korokhin, V.V.	Distribution of the spectropolarimetric parameter of the moon in the northern part of Ocean Procellarum for a large phase angle (2011) Kinematics and Physics of Celestial Bodies, 27 (1), pp. 38-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956028050&doi=10.3103%2FSP0884591311010077&partnerID=40&md5=57b581d6bb25e56f4e8172ee4668eda7
	Kaydash, V., Shkuratov, Y., Korokhin, V. , Videen, G.	Photometric anomalies in the Apollo landing sites as seen from the Lunar Reconnaissance Orbiter (2011) Icarus, 211 (1), pp. 89-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650951850&doi=10.1016%2Fj.icarus.2010.08.024&partnerID=40&md5=c9c87fd05f21bc30c384d750a5e3b09
	Kaydash, V.G., Gerasimenko, S.Y., Shkuratov, Y.G., Opanasenko, N.V., Velikodsky, Y.I., Korokhin, V.V. , Kaydash, M.V.	The phase ratios of the color index: Mapping of two regions of the near side of the Moon (2010) Solar System Research, 44 (4), pp. 267-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956442972&doi=10.1134%2FS0038094610040015&partnerID=40&md5=253821b4eb6c4fde7d0f8243a7bfb1fa
	Korokhin, V.V. , Velikodsky, Y.I., Shkuratov, Y.G., Kaydash, V.G., Gerasimenko, S.Y., Opanasenko, N.V., Videen, G., Pieters, C.	Removal of topographic effects from lunar images using Kaguya (LALT) and Earth-based observations (2010) Planetary and Space Science, 58 (10), pp. 1298-1306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955416686&doi=10.1016%2Fj.pss.2010.05.013&partnerID=40&md5=4ebe7a67a19bd00e444c7405e91f3899
	Shkuratov, Y., Kaydash, V., Gerasimenko, S., Opanasenko, N., Velikodsky, Y., Korokhin, V. , Videen, G., Pieters, C.	Probable swirls detected as photometric anomalies in Oceanus Procellarum (2010) Icarus, 208 (1), pp. 20-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953537032&doi=10.1016%2Fj.icarus.2010.01.028&partnerID=40&md5=010f935b48876a9d93b7119e4a94dfb
	Opanasenko, N.V., Opanasenko, A.N., Shkuratov, Yu.G., Kaydash, V.G., Velikodsky, Yu.I., Korokhin, V.V.	The negative polarization parameters of the light scattered by the lunar surface: Mapping (2009) Solar System Research, 43 (3), pp. 210-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650683949&doi=10.1134%2FS0038094609030022&partnerID=40&md5=4f0a1442671790cd4786d3bd0a086e31

	Kaidash, V.G., Gerasimenko, S.Yu., Shkuratov, Yu.G., Opanasenko, N.V., Velikodskii, Yu.I., Korokhin, V.V.	Photometric function variations observed on the near side of the Moon: Mapping (2009) Solar System Research, 43 (2), pp. 89-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-6474909060&doi=10.1134%2FIS0038094609020014&partnerID=40&md5=940527bed7b639b789fcc94467c0bb71
	Shkuratov, Yu., Opanasenko, N., Opanasenko, A., Zubko, E., Bondarenko, S., Kaydash, V., Videen, G., Velikodskiy, Yu., Korokhin, V.	Polarimetric mapping of the Moon at a phase angle near the polarization minimum (2008) Icarus, 198 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53949121361&doi=10.1016%2Fj.icarus.2008.06.014&partnerID=40&md5=239afd5ab266326cce34e255246a0a97
	Korokhin, V.V. , Kaydash, V.G., Shkuratov, Y.G., Stankevich, D.G., Mall, U.	Prognosis of TiO ₂ abundance in lunar soil using a non-linear analysis of Clementine and LSCC data (2008) Planetary and Space Science, 56 (8), pp. 1063-1078.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649094541&doi=10.1016%2Fj.pss.2008.02.001&partnerID=40&md5=9acfc4600fb3b65826be5109062dacc
	Shalygina, O.S., Korokhin, V.V. , Starukhina, L.V., Shalygin, E.V., Marchenko, G.P., Velikodskiy, Yu.I., Starodubtseva, O.M., Akimov, L.A.	The north-south asymmetry of polarization of Jupiter: The causes of seasonal variations (2008) Solar System Research, 42 (1), pp. 8-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38849093189&doi=10.1007%2F11208-008-1002-3&partnerID=40&md5=4d9dccc11582e87fa65e30235a944a9c
	Shkuratov, Y., Opanasenko, N., Zubko, E., Grynko, Y., Korokhin, V. , Pieters, C., Videen, G., Mall, U., Opanasenko, A.	Multispectral polarimetry as a tool to investigate texture and chemistry of lunar regolith particles (2007) Icarus, 187 (2), pp. 406-416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847343856&doi=10.1016%2Fj.icarus.2006.10.012&partnerID=40&md5=64b87c4e81befe2266e1ce9b7fc85d35
	Korokhin, V.V. , Velikodskiy, Yu.I., Shkuratov, Yu.G., Mall, U.	The phase dependence of brightness and color of the lunar surface: A study based on integral photometric data (2007) Solar System Research, 41 (1), pp. 19-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847398828&doi=10.1134%2FIS0038094607010029&partnerID=40&md5=f81f4ac6c16362237f66bdf302579aef
	Akimov, L.A., Beletskii, S.A., Belkina, I.L., Bugaenko, O.I., Velikodskii, Yu.I., Zhitnik, I.A., Ignat'ev, A.P., Korokhin, V.V. , Kuzin, S.V., Marchenko, G.P., Pertsov, A.A.	Quasi-periodicity of MgXII X-ray bursts revealed by CORONAS-F SPIRIT data for solar active regions (2005) Astronomy Reports, 49 (7), pp. 579-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544467775&doi=10.1134%2F1.1985955&partnerID=40&md5=315e8fec03d8735ed7609280111b1da8
	Korokhin, V.V. , Velikodskiy, Yu.I.	Parameters of the positive polarization maximum of the Moon: Mapping (2005) Solar System Research, 39 (1), pp. 45-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-15244354260&doi=10.1007%2F11208-005-0004-7&partnerID=40&md5=5bc222bfff98d288447ccc7ce0a55e7
	Starodubtseva, O.M., Akimov, L.A., Korokhin, V.V.	Seasonal variations in the North-South asymmetry of polarized light of Jupiter (2002) Icarus, 157 (2), pp. 419-425.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036325494&doi=10.1006%2Ficar.2002.6820&partnerID=40&md5=bd811e3d9126a40f71e76cb89a4f22af
	Korokhin, V.V.	Zoning of the lunar surface by the parameters of the brightness-phase relation (1997) Solar System Research, 31 (6), pp. 430-435.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644453275&partnerID=40&md5=7aa0be83f1f2f0f3000c573b37f1c29
	Korokhin, V.V. , Akimov, L.A.	Mapping of phase parameters of the lunar-surface brightness (1997) Solar System Research, 31 (2), pp. 128-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644544656&partnerID=40&md5=3f2270efdf2f6d0bd184735d30e212e8
	Starodubtseva, O.M., Akimov, L.A., Korokhin, V.V.	Temporal changes in the north-south asymmetry of polarized light of Jupiter may be associated with the comet SL9 visit to the Jovian system (1997) Planetary and Space Science, 45 (10), pp. 1183-1188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009819920&partnerID=40&md5=c32637f089e6b6dd2500855a7934a51a
	Shkuratov, Yu.G., Stankevich, D.G., Ovcharenko, A.A., Korokhin, V.V.	A Study of light backscattering from planetary-regolith-type surfaces at phase angles 0.2°-3.5° (1997) Solar System Research, 31 (1), pp. 50-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644515335&partnerID=40&md5=5d78f8f4682dc3cf2175f54a03af9c63
	Kurochka, L.N., Belkina, I.L., Beletskii, S.A., Korokhin, V.V. , Marchenko, G.P.	Observations and analysis of emission from solar active regions at the edge of the Balmer continuum (1997) Astronomy Reports, 41 (3), pp. 404-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031487883&partnerID=40&md5=b352b252633c328e2af6ae1af18a0587
95.	Strizhachenko, A.V.	Diplexer on cylindrical waveguide with anisotropic crystal (2015) Radioelectronics and Communications Systems, 58 (6), pp. 269-273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937431285&doi=10.3103%2FIS0735272175060047&partnerID=40&md5=0a94929ae20eab17816df234a24092b2
	Strizhachenko, A.V.	Measurement process automatization of crystal parameters on microwave (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (2), pp. 183-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936942204&partnerID=40&md5=a433ad0893c63d6b860def9d57c70456
	Strizhachenko, A.V.	Narrow-band microwave filters of wide application (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (1), pp. 87-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971422028&doi=10.1615%2FTelecomRadEng.v75.i1.80&partnerID=40&md5=e2144364478b7235389341f4380dd351
	Strizhachenko, A.V. , Shulga, S.N., Zvyagintsev, A.V.	The spectral analysis of a cylindrical-radial waveguide junction with laminated dielectric filling (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6653025, pp. 710-711.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891124673&partnerID=40&md5=7dfdde9bb9660ed3680ddcdf2cf63fe0
	Strizhachenko, A.V. , Shulga, S.N., Zvyagintsev, A.A.	Measurement of anisotropic dielectrics in the semi-opened waveguide structures (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336222, pp. 855-856.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869851100&partnerID=40&md5=e7c83e5331a3b37479e459bd86504faf
	Strizhachenko, A.V. , Shulga, S.N., Zvyagintsev, A.V.	The spectral analysis of a cylindrical - Radial waveguide junction with laminated dielectric filling (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 71 (1), pp. 23-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860609108&doi=10.1615%2FTelecomRadEng.v71.i1.30&partnerID=40&md5=a05433d6e045a8919dbb6fead2973bb9
	Strizhachenko, A.V. , Zvyagintsev, A.A., Chizhov, V.V., Lyalko, K.A.	Microwave narrow band filters (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632635, p. 679.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650405002&partnerID=40&md5=637cfd5054c8bd33b5e1d920e6844254
	Strizhachenko, A.V. , Zvyagintsev, A.A., Shul'ga, S.N., Chizhov, V.V.	Narrow-band microwave filters (2010) Journal of Nano- and Electronic Physics, 2 (3), pp. 32-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865152935&partnerID=40&md5=4db2792c8f7dc4d026608de52534ab90
	Strizhachenko, A.V. , Shul'Ga, S.N.	Eigen Q-factor of electromagnetic oscillations of E-type in waveguide junction of plane waveguides with anisotropic dielectric (2010) Radioelectronics and Communications Systems, 53 (8), pp. 438-441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149392539&doi=10.3103%2FIS0735272170080078&partnerID=40&md5=be49371533e3980f169869fee6635e37
	Strizhachenko, A.V. , Shul'Ga, S.N.	Resonance phenomena in a junction of cylindrical and rectangular waveguides (2010) Journal of Communications Technology and Electronics, 55 (5), pp. 535-537.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953308097&doi=10.1134%2FIS1064226910050098&partnerID=40&md5=488f3b3fe3d9c82cde6d11920484167d
	Strizhachenko, A.V. , Shul'Ga, S.N.	Eigenoscillations in waveguide junctions filled with an anisotropic dielectric (2010) Journal of Communications Technology and Electronics, 55 (3), pp. 285-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950855523&doi=10.1134%2FIS106422691003006X&partnerID=40&md5=e56d47af7d4dde6a996a8a1ad2a2973c
	Chizhov, V.V., Zvyagintsev, A.A., Strizhachenko, A.V.	Checking of ferrite element parameters in microwave devices (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (15), pp. 1361-1367.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74349095727&doi=10.1615%2FTelecomRadEng.v68.i15.50&partnerID=40&md5=aebce87f89445cd2dbb9becfa08fcd4
	Strizhachenko, A.V. , Chizhov, V.V., Ivanov, A.I., Andreyev, V.B., Zvyagintsev, A.A.	Microwave complex for the measurement of anisotropic dielectrics' parameters (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292885, pp. 767-768.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949091374&partnerID=40&md5=12cd752a1abde38a0ec7804c62ba93f
	Strizhachenko, A.V.	Electrodynamics of waveguide junctions with anisotropic loading (2008) Radioelectronics and Communications Systems, 51 (8), pp. 444-447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54249170103&doi=10.3103%2FIS0735272708080074&partnerID=40&md5=9b6cc876cf8e5f3697a883a242d889a4
	Strizhachenko, A. , Zvyagintsev, A., Chizhov, V.	Resonant phenomena of waveguide junctions with anisotropic filling (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, статья № 4294651, pp. 328-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249130842&doi=10.1109%2FMSMW.2007.4294651&partnerID=40&md5=7e3939b7474350bab8f82974a2f017d3

	Chizhov, V., Zvyagintsev, A., Strizhachenko, A.	Electrically-triggered microwave filters on coupled modes (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, статья № 4294792, pp. 724-725.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249150196&doi=10.1109%2FMSMW.2007.4294792&partnerID=40&md5=56093bb0e8f6b4debd01b91af0100b14
	Strizhachenko, A.V. , Zvyagintsev, A.A., Chizhov, V.V.	Electrodynamics of waveguide junctions with anisotropic filling (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (6), pp. 497-504.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33458152062&doi=10.1615%2FtelecomRadEng.v66.i6.30&partnerID=40&md5=33f348da511f299094f64fab3f2586de
	Strizhachenko, A.V. , Zvyagintsev, A.A., Chizhov, V.V.	Intrinsic quality factor of electromagnetic oscillations in half-open waveguide junctions with dielectric (2006) Radioelectronics and Communications Systems, 49 (5), pp. 42-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947543026&partnerID=40&md5=e390fec2676774c73dabe1668f95cbcf
	Zvyagintsev, A.A., Strizhachenko, A.V. , Chizhov, V.V., Reshetnyak, Y.B.	An eigen Q-factor of electromagnetic modes in semi-opened waveguide junctions of various configurations with dielectric (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, статья № 4023466, pp. 748-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249087258&doi=10.1109%2FCRMICO.2006.256184&partnerID=40&md5=b2b01b940c5518de7234e512f9e471ae
	Strizhachenko, A.V.	Basic Q-factor of electromagnetic modes in semi-opened dielectric-filled waveguide junctions (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 63 (8), pp. 713-727.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747726906&doi=10.1615%2FtelecomRadEng.v63.i8.60&partnerID=40&md5=a946fc52989e34761bbb54297713a397
	Zvyagintsev, A.A., Strizhachenko, A.V. , Ivanov, A.I., Chizhov, V.V.	Measurements of dielectric losses in uniaxial and biaxial crystals (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 644-645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644370029&partnerID=40&md5=3922682f3ae163df14cb4a3092dc6814
	Zvyagintsev, A.O., Ivanov, A.I., Pogarsky, S.A., Strizhachenko, A.V. , Chizhov, V.V.	Multifunctional microwave measurement system (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, статья № 1256663, pp. 674-676.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945156977&doi=10.1109%2FCRMICO.2003.158977&partnerID=40&md5=cb0b4befaa049b7dc09fc99ef0653f
	Strizhachenko, A.V. , Zvyagintsev, A.A., Chizhov, V.V.	Measurement of electrical parameters of uniaxial and biaxial crystals (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (6-7), pp. 116-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747639367&partnerID=40&md5=281f13e984783be73405782d049614b
	Strizhachenko, A.V. , Zvyagintsev, A.A., Chizhov, V.V., Andreev, V.V.	Cylindrical-rectangular waveguide junction as a model of measurement device (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (5-6), pp. 7-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751172741&partnerID=40&md5=409c4ea9d73ab2b98c231cb25af0740
	Zvyagintsev, A.A., Strizhachenko, A.V. , Chizhov, V.V.	Measurement of dielectric permittivity tensor, main directions and optical axes in single-axis and bi-axis crystals (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, статья № 1137348, pp. 544-545.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968883771&doi=10.1109%2FCRMICO.2002.1137348&partnerID=40&md5=6e650f6951cf439d61ddcfb861856138
	Zvyagintsev, A.A., Chizhov, V.V., Strizhachenko, A.V.	Automation of the substance parameter measurements (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947337, pp. 862-863.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966473390&doi=10.1109%2FMSMW.2001.947337&partnerID=40&md5=fb3164718c37d0f60db9ceaddf86c92
	Lazaryev, O.M., Strizhachenko, A.V.	Method and automatic complete set for non-destructive tensor components and losses measurements crystal materials for infrared and optical engineering (1999) Proceedings of SPIE - The International Society for Optical Engineering, 3793, pp. 64-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033363882&partnerID=40&md5=6f60de4b30797e683907f6ccdd81e1c3d
	Chizhov, V.V., Litvinov, D.D., Strizhachenko, A.V.	Measurement process automatization of substances parameters (1999) International Journal of Infrared and Millimeter Waves, 20 (11), pp. 1933-1937.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033321643&partnerID=40&md5=22a82f883ea7db6ce5f64742eac3a66
	Zvyagintsev, A.A., Strizhachenko, A.V. , Chizhov, V.V.	Resonant phenomena in the rectangular orthogonal junction with anisotropic crystal (1998) International Journal of Infrared and Millimeter Waves, 19 (4), pp. 687-696.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032047173&partnerID=40&md5=831aac588684ae8dcfc46910b0d47d9e
	Zvyagintsev, A.A., Strizhachenko, A.V. , Furman, D.F.	Natural electromagnetic modes in cylindrical waveguide junctions and their use for nondestructive microwave measurements of electromagnetic characteristics of materials (1995) International Journal of Infrared and Millimeter Waves, 16 (5), pp. 965-975.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029310044&doi=10.1007%2FBF02066670&partnerID=40&md5=a6435924d9ff8b1ed2066bb81cdddcac9
	Zvyagintsev, A.A., Strizhachenko, A.V.	Method and measurement complete set for non-destructive local parameter microwave measurements of materials (1993) Proceedings of SPIE - The International Society for Optical Engineering, 2104, pp. 565-566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027865225&partnerID=40&md5=81112b5461ba4d2337356d01d6695d1e
	Makeev, Yu.G., Strizhachenko, A.V. , Korobkin, V.A., Motornenko, L.P.	Local measurement of electrical parameters of ferrite specimens (1989) Instruments and experimental techniques New York, 31 (4 pt 1), pp. 921-924.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024481699&partnerID=40&md5=3b9c5ce0e921827008f31cbcf853a76a
96.	Girka, O., Bizyukov, O., Bogatyrenko, S., Bizyukov, I.	Aluminium surface morphology behaviour under high-flux helium ion bombardment (2017) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 405, pp. 31-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019640796&doi=10.1016%2Fj.nimb.2017.05.019&partnerID=40&md5=ee3e0c5fe4d308ab37142f09c59499ff
	Herashchenko, S.S., Makhilaj, V.A., Girka, O.I., Aksenov, N.N., Bizyukov, I.A. , Malykhin, S.V., Surovitskiy, S.V., Sereda, K.N., Bizyukov, A.A.	Erosion features of tungsten surfaces under combined steady-state and transient plasma loads (2016) Problems of Atomic Science and Technology, 106 (6), pp. 69-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007609863&partnerID=40&md5=7f877e50cdbf7e7a9f3e1fc6d8b83269
	Girka, O., Bizyukov, O., Kolyada, Y., Sereda, K., Bizyukov, I.	Extraction of fusion relevant ion species from discharge of focused anode layer thruster (2015) Problems of Atomic Science and Technology, 98 (4), pp. 22-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941112294&partnerID=40&md5=0d4ccc88910a415a6c332b9153a7ec25
	Girka, O., Bizyukov, A., Bizyukov, I. , Gutkin, M., Mishin, S.	Operation modes of the FALCON ion source as a part of the AMS cluster tool (2015) Nukleonika, 60 (2), pp. 327-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931094033&doi=10.1515%2Fnuka-2015-0059&partnerID=40&md5=efb2ec31c6794f0b6dcfc52e58abf34e
	Bizyukov, I.	Modelling of plasma-surface interactions in a small-scale laboratory setup (2014) Problems of Atomic Science and Technology, 94 (6), pp. 66-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918587284&partnerID=40&md5=e9bb92b03325a7b69cc5e12e10fdb3a
	Bizyukov, I.O. , Girka, O.I., Starovoitov, R.I., Bizyukov, O.A., Bobkov, V.V.	Exposure of tungsten surface to high-flux of helium and argon ions (2014) Problems of Atomic Science and Technology, 94 (6), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918554358&partnerID=40&md5=66a1fa4d14e1642959d3efc3233d6611
	Bizyukov, I.A.	Sputtering of tungsten exposed to high-flux and high-fluence hydrogen ion beam (2013) Problems of Atomic Science and Technology, (4), pp. 304-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881604904&partnerID=40&md5=4cbabb1734121e6b334c92a3d740b055
	Makhilaj, V.A., Aksenov, N.N., Byrka, O.V., Garkusha, I.E., Bizyukov, A.A., Bizyukov, I.A. , Girka, O.I., Sereda, K.N., Bazdyreva, S.V., Malykhin, S.V., Pugachov, A.T.	Combined exposures of tungsten by stationary and transient hydrogen plasma heat loads: Preliminary results (2013) Problems of Atomic Science and Technology, (1), pp. 70-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876192977&partnerID=40&md5=36d33e9ffdb4b6734147d41bcd6fcfb4
	Mutzke, A., Bizyukov, I. , Langhuth, H., Mayer, M., Krieger, K., Schneider, R.	Study of interaction of C ⁺ ion beam with a Si pitch grating on a macro-scale level (2012) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 293, pp. 11-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870158242&doi=10.1016%2Fj.nimb.2012.09.017&partnerID=40&md5=75311017bb5f153f6b3b583dfef71ae8ff
	Bizyukov, I. , Mutzke, A., Schneider, R.	Effect of increasing surface roughness on sputtering and reflection (2012) Problems of Atomic Science and Technology, (6), pp. 111-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871817109&partnerID=40&md5=83aec71f41ea7f8650bf438465ce974

	Girka, O.I., Bizyukov, I.A. , Bizyukov, A.A., Sereda, K.N., Herashchenko, S.S.	Mass-separation of impurities in the ion beam systems with reversed magnetic beam focusing (2012) Problems of Atomic Science and Technology, (6), pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871786073&partnerID=40&md5=356284694c25a0e595bc6fd601ff336
	Bizyukov, I. , Krieger, K., Lee, H., Schmid, K., Haasz, A.A., Davis, J.W.	An overview of sputtering-related processes occurring at mixed surfaces formed by simultaneous C + and D + irradiation of W (2012) Journal of Nuclear Materials, 427 (1-3), pp. 401-410.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862836713&doi=10.1016%2Fj.jnucmat.2012.03.050&partnerID=40&md5=7eb4dd3da2ccc55e4039f4a71aec2f6
	Girka, O., Bizyukov, I. , Sereda, K., Bizyukov, A., Gutkin, M., Sleptsov, V.	Compact steady-state and high-flux Falcon ion source for tests of plasma-facing materials (2012) Review of Scientific Instruments, 83 (8), статья № 083501. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865752752&doi=10.1063%2F1.4740519&partnerID=40&md5=4620559ab8f33e5975536df60428b7b2
	Bizyukov, I. , Mutzke, A., Mayer, M., Langhuth, H., Krieger, K., Schneider, R.	Macroscopic parameters of the interaction of an Ar + ion beam with a Si pitch grating (2012) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 278, pp. 4-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857468720&doi=10.1016%2Fj.nimb.2012.01.038&partnerID=40&md5=d8ca8ac471c7c6bdb81b3bc4bcac630
	Schneider, R., Mutzke, A., Bizyukov, I. , Davis, J.W.	Bombardment of a Si pitch grating by C+ ions at an inclined incident angle parallel to the structure (2011) Journal of Nuclear Materials, 415 (1 SUPPL), pp. S200-S203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054834100&doi=10.1016%2Fj.jnucmat.2010.08.064&partnerID=40&md5=ca4c2bfc94ad73d4171955ec9ff3c
	Mutzke, A., Bizyukov, I. , Schneider, R., Davis, J.	Nano-scale modification of 2D surface structures exposed to 6 keV carbon ions: Experiment and modeling (2011) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 269 (6), pp. 582-589.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952184534&doi=10.1016%2Fj.nimb.2011.01.012&partnerID=40&md5=17db4eb50ed27a54fedf103ad20de68b
	Bizyukov, A.A., Bizyukov, I.A. , Girka, O.I., Sereda, K.N., Sleptsov, V.V., Gutkin, M., Mishin, S.	Ion beam system for Nanotrimming of functional microelectronics layers (2011) Problems of Atomic Science and Technology, (1), pp. 110-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952474562&partnerID=40&md5=e6e11ba5571ffdb5947fee877eae7247
	Bizyukov, I.A.	Key properties of mixed w-c-d surface related to tungsten erosion (2010) Problems of Atomic Science and Technology, (6), pp. 91-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650620336&partnerID=40&md5=d8bdc092fe900520fcdce36858b0b6
	Azarenkov, N.A., Bizyukov, I.A.	The formation of copper transition nano-layer in polytetrafluoroethylene surface by means of ion beam assisting deposition (2010) Problems of Atomic Science and Technology, (4), pp. 302-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149480351&partnerID=40&md5=7ec2fad23696d90484685bc1519868e
	Bizyukov, I. , Mutzke, A., Schneider, R., Davis, J.	Evolution of the 2D surface structure of a silicon pitch grating under argon ion bombardment: Experiment and modeling (2010) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 268 (17-18), pp. 2631-2638.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955509510&doi=10.1016%2Fj.nimb.2010.06.035&partnerID=40&md5=61b1d1e2d072282fe7e94f5bce14e9b7
	Bizyukov, I.A. , Davis, J.W., Haasz, A.A., Brodersen, P.	C and D reemission from mixed W-C-D layers during single-species and simultaneous irradiations of W with C + and D + (2010) Journal of Nuclear Materials, 400 (3), pp. 245-250.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650622989&doi=10.1016%2Fj.jnucmat.2010.03.010&partnerID=40&md5=83700b8bf9c40d4fffc3c6337806ad4
	Bizyukov, I.A. , Davis, J.W., Haasz, A.A., Brodersen, P.	CD4 production from mixed W-C-D surface during simultaneous irradiation of W with C+ and D+ (2009) Journal of Nuclear Materials, 390-391 (1), pp. 925-928.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349113514&doi=10.1016%2Fj.jnucmat.2009.01.237&partnerID=40&md5=08fd2809fa7e4da3871095afb6a03baa
	Mutzke, A., Schneider, R., Bizyukov, I.	SDTrimSP-2D studies of the influence of mutual flux arrangement on erosion and deposition (2009) Journal of Nuclear Materials, 390-391 (1), pp. 115-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349095011&doi=10.1016%2Fj.jnucmat.2009.01.133&partnerID=40&md5=c24a1d6b03ed830037546bc466640e61
	Bizyukov, I. , Mutzke, A., Schneider, R., Gigler, A.M., Krieger, K.	Morphology and changes of elemental surface composition of tungsten bombarded with carbon ions (2008) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 266 (9), pp. 1979-1986.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43749086848&doi=10.1016%2Fj.nimb.2008.03.211&partnerID=40&md5=e91aa515fcc532ad360a3e9bc76b9797
	Bizyukov, I. , Krieger, K.	Principal processes occurring at simultaneous bombardment of tungsten by carbon and deuterium ions (2007) Journal of Applied Physics, 102 (7), статья № 074923. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35348818701&doi=10.1063%2F1.2786113&partnerID=40&md5=08abf2b959d30466d6b32cf29b48eb2f
	Bizyukov, I. , Krieger, K., Azarenkov, N., Linsmeier, Ch., Levchuk, S.	Tungsten sputtering and accumulation of implanted carbon and deuterium by simultaneous bombardment with D and C ions (2007) Journal of Nuclear Materials, 363-365 (1-3), pp. 1184-1189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248573636&doi=10.1016%2Fj.jnucmat.2007.01.152&partnerID=40&md5=7c7007289596cf7b65a0b13b1b453a49
	Bizyukov, I. , Krieger, K.	Transition from tungsten erosion to carbon layer deposition with simultaneous bombardment of tungsten by helium and carbon (2007) Journal of Applied Physics, 101 (10), статья № 104906. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249945922&doi=10.1063%2F1.2727381&partnerID=40&md5=d6c0429b8993efac42364201ae5b0b7e
	Bizyukov, I. , Krieger, K., Azarenkov, N., Toussaint, U.V.	Relevance of surface roughness to tungsten sputtering and carbon implantation (2006) Journal of Applied Physics, 100 (11), статья № 113302. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3384589948&doi=10.1063%2F1.2400393&partnerID=40&md5=55d549441210f1dba12fc41800c865b1
	Bizyukov, I. , Krieger, K.	Dual beam experiment for simultaneous irradiation of surfaces with ion species of gaseous and solid-state elements (2006) Review of Scientific Instruments, 77 (4), статья № 043501. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33744899341&doi=10.1063%2F1.2190207&partnerID=40&md5=4a8e86bf756fd19effeadb88655dbca3
	Günter, S., Angioni, C., Apostoliceanu, M., Atanasiu, C., Balden, M., Becker, G., Becker, W., Behler, K., Behringer, K., Bergmann, A., Bilato, R., Bizyukov, I. , Bobkov, V., Bolzonella, T., Borba, D., Borrass, K., Brambilla, M., Braun, F., Buhler, A., Carlson, A., Chankin, A., Chen, J., Chen, Y., Cirant, S., Conway, G., Coster, D., Dannert, T., Dimova, K., Drube, R., Dux, R., Eich, T., Engelhardt, K., Fahrbach, H.-U., Fantz, U., Fattorini, L., Foley, M., Franzen, P., Fuchs, J.C., Gafert, J., Gal, K., Gantenbein, G., García Muñoz, M., Gehre, O., Geier, A., Giannone, L., Gruber, O., Haas, G., Hartmann, D., Heger, B., Heinemann, B., Herrmann, A., Hobirk, J., Hohenöcker, H., Horton, L., Huart, M., Igochine, V., Jacchia, A., Jakobi, M., Jenko, F., Kallenbach, A., Kálvin, S., Kardaun, O., Kaufmann, M., Keller, A., Kendl, A., Kick, M., Kim, J.-W., Kirov, K., Klose, S., Kochergov, R., Kocsis, G., Kolotzek, H., Konz, C., Kraus, W., Krieger, K., Kurki-Suonio, T., Kurzan, B., Lackner, K., Lang, P.T., Lauber, P., Laux, M., Leuterer, F., Likonen, J., Lohs, A., Lorenz, A., Lorenzini, R., Lysoivan, A., Maggi, C.,	Overview of ASDEX Upgrade results - Development of integrated operating scenarios for ITER (2005) Nuclear Fusion, 45 (10), pp. S98-S108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844509307&doi=10.1088%2F0029-5515%2F45%2F10%2F108&partnerID=40&md5=44ee20ec5a6f9a5e6807e61364722f36
	Bizyukov, I. , Krieger, K., Azarenkov, N., Levchuk, S., Linsmeier, Ch.	Formation of D inventories and structural modifications by deuterium bombardment of tungsten thin films (2005) Journal of Nuclear Materials, 337-339 (1-3 SPEC. ISS.), pp. 965-969.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13844320180&doi=10.1016%2Fj.jnucmat.2004.09.048&partnerID=40&md5=5245a9d9564ee2709b8a1d2d93d1e363
97.	Zhurenko, V., Kalantaryan, O., Kononenko, S. , Mysiura, I., Barannik, E.	Influence of He+ long-time irradiation on silica luminescence spectrum (2017) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 407, pp. 5-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019961470&doi=10.1016%2Fj.nimb.2017.05.038&partnerID=40&md5=00a1f933807682975ac16d78efad72b4
	Mysiura, I., Kalantaryan, O., Kononenko, S. , Zhurenko, V., Chishkala, V., Azarenkov, M.	Ukrainian amber luminescence induced by X-rays and ultraviolet radiation (2017) Journal of Luminescence, 188, pp. 319-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018402652&doi=10.1016%2Fj.jlumin.2017.04.045&partnerID=40&md5=967fb7af3be405ebba6bb844ce0cb0d

	Kalantaryan, O., Zhurenko, V., Kononenko, S. , Barannik, E., Kononenko, O.	Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment (2016) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 366, pp. 90-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945931344&doi=10.1016%2Fj.nimb.2015.10.039&partnerID=40&md5=a8cbfcd59539fd0f8bb0088afb9a8
	Mysiura, I., Kalantaryan, O., Kononenko, S. , Zhurenko, V., Grigorenko, D., Chishkala, V., Azarenkov, N., Avotin, S., Rohmanov, N.	Photo- and radioluminescence of poleskiy amber (2016) Functional Materials, 23 (4), pp. 582-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008189742&doi=10.15407%2Ffm23.04.404&partnerID=40&md5=f47da7ff4ae5b5a27cc10e22c1fb6905
	Barannik, E., Kalantaryan, O., Zhurenko, V., Kononenko, S. , Kononenko, O.	Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory (2015) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 362, pp. 182-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943427184&doi=10.1016%2Fj.nimb.2015.09.080&partnerID=40&md5=12e9e8640562d3a00ca86f1173d0256
	Kononenko, S.I. , Zhurenko, V.P., Kalantaryan, O.V., Semerenskiy, A.A.	Forward and backward electron emission in binary cell of radioisotope current source (2015) Problems of Atomic Science and Technology, 98 (4), pp. 331-334.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941057487&partnerID=40&md5=21ee3de77e199fb0619bdbfe0e238cb6
	Zhurenko, V.P., Kalantaryan, O.V., Kononenko, S.I.	Change of silica luminescence due to fast hydrogen ion bombardment (2015) Nukleonika, 60 (2), pp. 289-292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931045327&doi=10.1515%2Fmuka-2015-0063&partnerID=40&md5=506734117a7e1108941da6e920818b73
	Kalantaryan, O., Kononenko, S. , Zhurenko, V., Zheltopyatova, N.	Fast ion induced luminescence of silica implanted by molecular hydrogen (2014) Functional Materials, 21 (1), pp. 26-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897373788&partnerID=40&md5=3192adcdcc1aa57e0ff9747422d67f2
	Kalantaryan, O.V., Kononenko, S.I. , Zhurenko, V.P.	Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions (2013) Functional Materials, 20 (4), pp. 462-465.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891759572&partnerID=40&md5=9ce468ab5c1996309244639af14bd99
	Kononenko, S.I. , Zhurenko, V.P., Kalantaryan, O.V., Zheltopyatova, N.O.	Forward and backward electron emission induced by protons from copper foil (2013) Problems of Atomic Science and Technology, (4), pp. 320-324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881575751&partnerID=40&md5=f3f75de8355efc2b8369507450d17df7
	Vasylenko, O., Zheltopyatova, N., Zhurenko, V., Kalantaryan, O., Kononenko, S. , Muratov, V., Filipenko, V.	The ionoluminescence characteristics of quartz (2010) Functional Materials, 17 (1), pp. 67-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888252112&partnerID=40&md5=263c793552e47491f7533e36b2b1f443
	Zhurenko, V.P., Kononenko, S.I. , Kalantaryan, O.V., Kononenko, Z.S.	Features of energy distributions of secondary electron emission induced by H ⁺ ions from metals (2010) Problems of Atomic Science and Technology, (4), pp. 330-334.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149480903&partnerID=40&md5=0122872d2c18a2f6f1f15b3863c7d7fae
	Bolotov, V.N., Kononenko, S.I. , Muratov, V.I., Fedorchenko, V.D.	Transition radiation induced by nonrelativistic electron bunches (2009) Problems of Atomic Science and Technology, (1), pp. 125-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865323687&partnerID=40&md5=050ff719255d9d549f72a5c97b28ef94
	Bolotov, V.N., Kononenko, S.I. , Muratov, V.I., Fedorchenko, V.D.	Generation of Non-relativistic electron bunches and measurement of their basic parameters (2008) Problems of Atomic Science and Technology, (4), pp. 35-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549244799&partnerID=40&md5=c0cd7bc75c792f11c9fa64d0f00b3168
	Kononenko, S.I. , Kalantaryan, O.V., Zhurenko, V.P., Kolesnik, V.T., Muratov, V.I., Karas, V.I., Filipenko, V.E.	Experimental study of secondary emission radioisotope current source prototype (2008) Problems of Atomic Science and Technology, (4), pp. 294-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549275106&partnerID=40&md5=ea4edb67125f11fdaed172f2fa2fa5a5
	Bolotov, V.N., Kononenko, S.I. , Muratov, V.I., Fedorchenko, V.D.	Generation of non-relativistic electron bunches and measurement of their basic parameters (2008) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 596 (3), pp. 285-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54549123340&doi=10.1016%2Fj.nima.2008.08.069&partnerID=40&md5=f706cc27506fc80aaf44a5a9ae6ec859
	Bolotov, V.N., Fedorchenko, V.D., Kononenko, S.I. , Muratov, V.I.	Microwave radiation of nonrelativistic electron bunches passing through diaphragms (2007) Proceedings of the 36th European Microwave Conference, EuMC 2006, статья № 4058116, pp. 1473-1475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41649094676&doi=10.1109%2FUMC.2006.281336&partnerID=40&md5=7ec03ca29f894cd0ee5f461b4306aeb
	Kononenko, S.I. , Kalantaryan, O.V., Muratov, V.I., Zhurenko, V.P.	Silica luminescence induced by fast light ions (2007) Radiation Measurements, 42 (4-5), pp. 751-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548283658&doi=10.1016%2Fj.radmeas.2007.02.061&partnerID=40&md5=b63f83521a964020159fa4dbed0d6f51
	Kononenko, S.I. , Kalantaryan, O.V., Zhurenko, V.P., Muratov, V.I., Bolotov, V.N., Fedorchenko, V.D.	Generation of electromagnetic waves by nonrelativistic charged particle interaction with metal surfaces (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 392-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947163852&doi=10.1016%2Fj.nimb.2006.12.035&partnerID=40&md5=d741ff62ff939b7fcf109f2770439d9a
	Kononenko, S.I. , Kalantaryan, O.V., Muratov, V.I., Zhurenko, V.P.	Features of silica luminescence induced by molecular hydrogen ions (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 246 (2), pp. 340-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748662874&doi=10.1016%2Fj.nimb.2006.01.024&partnerID=40&md5=8024c04bf5557ffe9c507b7863e5d0e1
	Bolotov, V.N., Fedorchenko, V.D., Kononenko, S.I. , Muratov, V.I.	Influence of diaphragms geometry on transition radiation spectrum formation by electron bunches (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CrMiCo'2005 - Conference Proceedings, 2, статья № 1565100, pp. 701-703.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846286147&doi=10.1109%2FCRMICO.2005.1565100&partnerID=40&md5=e2ec82aab1c38c34858b52cef65f14b7
	Kononenko, S.I. , Balebanov, V.M., Zhurenko, V.P., Kalantaryan, O.V., Karas, V.I., Kolesnik, V.T., Muratov, V.I., Novikov, V.E., Potapenko, I.F., Sagdeev, R.Z.	Nonequilibrium electron distribution functions in a semiconductor plasma irradiated with fast ions (2004) Plasma Physics Reports, 30 (8), pp. 671-686.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644324265&doi=10.1134%2F1.1788761&partnerID=40&md5=dafb45a56a4644acc15a614954072274
	Bolotov, V.N., Kononenko, S.I. , Muratov, V.I., Fedorchenko, V.D.	Transition Radiation of Nonrelativistic Electron Bunches Passing through Diaphragms (2004) Technical Physics, 49 (4), pp. 466-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442631625&doi=10.1134%2F1.1736916&partnerID=40&md5=7570063fd7a5f11f85ea4f6065fd35b8
	Zhurenko, V.P., Kononenko, S.I. , Karas, V.I., Muratov, V.I.	Dissipation of the energy of a fast charged particle in a solid-state plasma (2003) Plasma Physics Reports, 29 (2), pp. 130-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037304133&doi=10.1134%2F1.1545588&partnerID=40&md5=1833ea3c54b0ccc7bc1892a030bec828
	Karas, V.I., Kalantaryan, O.V., Kononenko, S.I. , Muratov, V.I.	Possibility of oxide film detection on silicon surface (2003) Poverkhnost Rentgenovskie Sinkhronnye i Nejtronnnye Issledovaniya, (9), pp. 85-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142105495&partnerID=40&md5=b15c3351ace4c845be6846fe740bb057
	Karas, V.I., Karas, I.V., Kononenko, S.I. , Muratov, V.I.	The kinetic electron emission induced by fast ions (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220165, pp. 280-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864561709&partnerID=40&md5=61206d8ce38566c7c73190e5852fa22
	Balebanov, V.M., Karas, V.I., Karas, I.V., Kononenko, S.I. , Moiseev, S.S., Muratov, V.I., Naguchev, O.Yu.	Steady-state nonequilibrium electron distributions characterized by a flux in momentum space in a solid-state plasma: Theory and applications (1998) Plasma Physics Reports, 24 (9), pp. 732-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-003232892&partnerID=40&md5=fcc87db7406483d7b4ff923e544181ef
	Balebanov, V.M., Moiseev, S.S., Karas, V.I., Karas, I.V., Kononenko, S.I. , Kolesnik, V.I., Muratov, V.I.	Secondary-emission radioisotopic current source (1998) Atomic Energy, 84 (5), pp. 324-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040707412&partnerID=40&md5=fce73fea64d9a86ea5de5e466f846f0
	Balebanov, V.M., Moiseev, S.S., Karas, V.I., Karas, I.V., Kononenko, S.I. , Kolesnik, V.T., Muratov, V.I.	Secondary emission radioisotope current source (1998) Atomnaya Energiya, 84 (5), pp. 398-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032068027&partnerID=40&md5=f9fb190829152628b085970617a1962a
	Kalantaryan, O.V., Kolesnik, V.T., Kononenko, S.I. , Muratov, V.I., Storizhko, V.E.	Luminescence of aluminium induced by fast protons (1996) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 117 (1-2), pp. 68-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030217068&partnerID=40&md5=b7d652e67e51524a7f3f37c8694f2cb5
	Kalantaryan, O.V., Kononenko, S.I. , Manzyuk, N.A., Muratov, V.I., Storizhko, V.E.	Study of optical emission from quartz bombarded with light ions (1993) Physics, chemistry and mechanics of surfaces, 8 (5), pp. 679-684.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027881582&partnerID=40&md5=176d86237ebbb676b77aa05da6e13549

98.	Korshak, V.F. , Postavnichii, I.V., Tkachenko, N.V.	Changes in the heat of melting of a superelastic eutectic Sn-38 wt % Pb alloy due to preliminary plastic deformation (2015) Physics of Metals and Metallography, 116 (10), pp. 1029-1034.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945176633&doi=10.1134%2F50031918X15100099&partnerID=40&md5=98cdcd374dd88bf95aaebf42fad5f90
	Korshak, V.F. , Shapovalov, Y.A., Prymak, O., Kryshchal, A.P., Vasilenko, R.L.	Structural changes in Bi-43 wt % Sn eutectic alloy under superplastic deformation (2015) Physics of Metals and Metallography, 116 (8), pp. 829-837.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938633073&doi=10.1134%2F50031918X151060034&partnerID=40&md5=fd8f0ba76f50817b408ed401b851f754
	Boyko, Y.I., Korshak, V.F.	Surface structural relaxation and plasticity of nanocrystals (2015) Problems of Atomic Science and Technology, 99 (5), pp. 77-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945298685&partnerID=40&md5=4e9e5d99e7c33437012fa39c476c2e23
	Korshak, V.F. , Shapovalov, Yu.A., Vaselenko, N.N.	Structural and phase relaxation in superplastic eutectic alloy Sn-38% wt. Pb (2015) Metallofizika i Noveishie Tekhnologii, 37 (12), pp. 1633-1642.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962732536&partnerID=40&md5=68f1af63405d3708f7a003171ff0915
	Korshak, V.F. , Mateychenko, P.V., Shapovalov, Y.A.	Peculiarities of the volume ratio of α and β phases in the superplastic eutectic Bi-43 wt % Sn Alloy (2014) Physics of Metals and Metallography, 115 (12), pp. 1249-1258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919343298&doi=10.1134%2F50031918X14120047&partnerID=40&md5=c2bdc759b7eb4cc1908fa2f40393988a
	Korshak, V.F. , Tkachenko, M.V.	Effect of preliminary deformation on heat of melting of superplastic eutectic alloy Bi-43 wt % Sn (2013) Physics of Metals and Metallography, 114 (11), pp. 962-967.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893138444&doi=10.1134%2F50031918X13110057&partnerID=40&md5=7c572fd0494dc952d316e84aa5d21e17
	Korshak, V.F. , Shapovalov, Y.A., Samsonik, A.L., Mateichenko, P.V.	X-ray diffraction study of structural and phase states of a superplastic sn-38 wt % pb alloy and their variations under the effect of external mechanical stresses and aging (2012) Physics of Metals and Metallography, 113 (2), pp. 190-199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859707274&doi=10.1134%2F50031918X1202007X&partnerID=40&md5=c826986ecbc83e29146b7f7274713b36
	Korshak, V.F. , Chushkina, R.A., Shapovalov, Yu.A., Mateichenko, P.V.	Phase state of a Bi-43 wt % Sn superplastic alloy and its changes under the effect of external mechanical stresses and aging (2011) Physics of Metals and Metallography, 112 (1), pp. 72-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960998727&doi=10.1134%2F50031918X11030094&partnerID=40&md5=3651d40a88676ab20ccb0ed63a0305b6
	Korshak, V.F. , Kryshchal, A.P., Shapovalov, Y.A., Samsonik, A.L.	Hydrodynamic flow of the eutectic under the conditions of superplasticity (2010) Physics of Metals and Metallography, 110 (4), pp. 385-393.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649956154&doi=10.1134%2F50031918X10100091&partnerID=40&md5=12f7fe53d01f3f1813b39587f1303736
	Korshak, V.F. , Tkachenko, M.V.	Amorphization of superplastic eutectic under conditions of external compressive stresses (2009) Metallofizika i Noveishie Tekhnologii, 31 (3), pp. 397-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449984898&partnerID=40&md5=e816c541ffec6733afe74dbf41f4acd6
	Korshak, V.F. , Shapovalov, Yu.A.	Some aspects of superplastic flow of eutectic alloys connected with metastability (2009) Physics of Metals and Metallography, 107 (4), pp. 394-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65449123125&doi=10.1134%2F50031918X09040103&partnerID=40&md5=ec303ec94576547065f27de791ead39b
	Korshak, V.F. , Kryshchal, A.P., Mateychenko, P.V., Sirenko, A.F.	Strain-induced structural and phase transitions in superplastic eutectic (2007) Bulletin of the Russian Academy of Sciences: Physics, 71 (12), pp. 1680-1684.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549107024&doi=10.3103%2F51062873807120064&partnerID=40&md5=0de550ff6aa5b8126aac6022d3f31b5d
	Korshak, V.F. , Samsonik, A.L.	Phase and structural changes in superplastic Sn-Pb eutectic under external compressive stresses (2007) Physics of Metals and Metallography, 104 (3), pp. 294-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34848923148&doi=10.1134%2F50031918X07090128&partnerID=40&md5=6f67f522faff7a951c13e9b1cfc5b5f5
	Korshak, V.F. , Arzhavitin, V.M., Samsonik, A.L., Mateichenko, P.V.	Metastability and structural phase transitions in superplastic eutectic Pb-Sn alloy (2005) Bulletin of the Russian Academy of Sciences: Physics, 69 (9), pp. 1543-1547.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749384438&partnerID=40&md5=5d1058c6100995ac46af9da08262c302
	Korshak, V.F. , Arzhavitin, V.M.	Effect of preliminary deformation on the elastic and anelastic properties of superplastic Pb-62% Sn alloy (2005) Physics of Metals and Metallography, 100 (4), pp. 409-412.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29144479443&partnerID=40&md5=ae0989462b0fa2280c16676e58e76451
	Arzhavitin, V.M., Korshak, V.F.	Anelastic behavior of a superplastic eutectic upon strain aging (2004) Fizika Metallov i Metallovedenie, 97 (1), pp. 96-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542426464&partnerID=40&md5=533e0986a88fa34064b3c6f19cbf23df
	Arzhavitin, V.M., Korshak, V.F.	Anelastic Behavior of a Superplastic Eutectic upon Strain Aging (2004) Physics of Metals and Metallography, 97 (1), pp. 89-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642312131&partnerID=40&md5=02a76eaa72875060d599a9ccacac2897
	Arzhavitin, V.M., Korshak, V.F. , Sirenko, A.F.	Kinetics of low-frequency anelasticity of a superplastic alloy Pb-62% Sn (2002) Fizika Metallov i Metallovedenie, 94 (3), pp. 80-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036945415&partnerID=40&md5=1706d5aa10a3956d75aaa9f4756659f
	Arzhavitin, V.M., Korshak, V.F. , Sirenko, A.F.	Kinetics of low-frequency anelasticity of a superplastic alloy Pb-62% Sn (2002) Physics of Metals and Metallography, 94 (3), pp. 290-294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036755658&partnerID=40&md5=66b74a393ab06c3ba32dda4078a4657b
	Korshak, V.F.	Plasticity and inelastic properties of the Pb-62% Sn alloy (2001) Fizika Metallov i Metallovedenie, 92 (5), pp. 108-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035550547&partnerID=40&md5=3d0bf72935ea81cfd1d13467ead68872d
	Korshak, V.F.	Plasticity and anelastic properties of the Pb-62% Sn alloy (2001) Physics of Metals and Metallography, 92 (5), pp. 526-529.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035528319&partnerID=40&md5=b7881e68437b6383bdf28f67bddc16bd
	Korshak, V.F.	Evolution of the microstructure of an Al-Cu-Mg alloy under superplasticity conditions (2000) Physics of Metals and Metallography, 90 (4), pp. 377-381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034343339&partnerID=40&md5=539b13113f0fa7075fe6cda908b8566f
	Korshak, V.F.	Superplasticity of structural aluminium alloy in creep conditions (2000) Metal Physics and Advanced Technologies, 18 (10), pp. 1149-1154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033699263&partnerID=40&md5=e6905ccf6e65edec144bfa3d151c03b
	Korshak, V.F.	Superplasticity of metalworking aluminium alloy under conditions of the creepage (1998) Metallofizika i Noveishie Tekhnologii, 20 (10), pp. 50-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002028211&partnerID=40&md5=25723e2dc1e13a81be2e303812c09dea
	Arzhavitin, V.M., Korshak, V.F. , Sirenko, A.F.	Anelastic properties of an Al-Cu-Mg alloy exhibiting superplasticity (1998) Fizika Metallov i Metallovedenie, (8), p. 197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032131813&partnerID=40&md5=ac75095e043611b776584cc355a185b3
	Arzhavitin, V.M., Korshak, V.F. , Sirenko, A.F.	Anelastic properties of an Al-Cu-Mg alloy exhibiting superplasticity (1998) Physics of Metals and Metallography, 86 (2), pp. 197-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032346172&partnerID=40&md5=764ca2aa58807a09e49ecac4c39841b
	Korshak, V.F. , Kuznetsova, R.I., Khristoforov, S.V.	Features of exhibition of superplasticity in the alloy of Al-Cu-Mg system (1997) Metallofizika i Noveishie Tekhnologii, 19 (2), pp. 31-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039546309&partnerID=40&md5=7e15422d4febcc478a2b5df57ce45f3b
	Korshak, V.F. , Kuznetsova, R.I., Ivanov, I.G.	Peculiarities of inelastic after-effect in superplastic pb-62% sn alloy (1997) Fizika Metallov i Metallovedenie, 84 (2), pp. 123-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031197293&partnerID=40&md5=c1024ee05f762603ec60d279d4123271
	Korshak, V.F. , Kuznetsova, R.I., Ivanov, I.G.	Characteristics of the anelastic aftereffect in the Pb-62% Sn superplastic alloy (1997) Physics of Metals and Metallography, 84 (2), pp. 193-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031488188&partnerID=40&md5=5b9baf5e3aaf4f1a157d5ca1e126be4
	Korshak, V.F. , Kuznetsova, R.I., Chi Tkhan, Zy.	'Aftereffect' in superplastically deformed alloy Pb-62% Sn (1990) Physics of Metals and Metallography, 69 (5), pp. 175-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025556466&partnerID=40&md5=3d7b0927b30c6a61e69cbdf58dade4db
	Kuznetsova, R.I., Korshak, V.F.	DEVELOPMENT OF GRAIN-BOUNDARY DISCONTINUITY DURING HEATING AND ANNEALING OF ALLOY Zn-22%Al. (1984) Physics of Metals and Metallography, 58 (5), pp. 73-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021651228&partnerID=40&md5=0550dbed95e773c6cde0e33179d0ea2f

99.	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Nazyrov, Z.F. , Kamchatnaya, S.N.	Effect of hydrostatic pressure on the conductivity of YBa ₂ Cu ₃ O _{7-δ} single crystals in a broad range of temperature and oxygen content (2017) Solid State Communications, 255-256, pp. 20-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015250562&doi=10.1016%2Fj.ssc.2017.02.009&partnerID=40&md5=c80788e1424ce995b8794fdaacaf17cc
	Khadzhai, G.Ya., Nazyrov, Z.F. , Vovk, R.V.	The role of twins in the change of the conductivity characteristics of HoBa ₂ Cu ₃ O _{7-δ} single crystal in a reversible change of hydrostatic pressure (2016) Fizika Nizkikh Temperatur, 42 (9), pp. 943-950.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983627607&partnerID=40&md5=7112f08b028a6e10e23e24d0b4b49a3b
	Khadzhai, G.Y., Nazyrov, Z.F. , Vovk, R.V.	Role of twins in variations in the conductivity characteristics of single-crystal HoBa ₂ Cu ₃ O _{7-σ} during reversible changes in hydrostatic pressure (2016) Low Temperature Physics, 42 (9), pp. 739-744.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990923308&doi=10.1063%2F1.4963326&partnerID=40&md5=be808f24c80b60f21199578364bad556
	Solovjov, A.L., Omelchenko, L.V., Vovk, R.V., Dobrovolskiy, O.V., Nazyrov, Z.F. , Kamchatnaya, S.N., Sergeev, D.M.	Hydrostatic-pressure effects on the pseudogap in slightly doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2016) Physica B: Condensed Matter, 493, pp. 58-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964669653&doi=10.1016%2Fj.physb.2016.04.015&partnerID=40&md5=75a354f36e9d4426a276e16d39fc20d3
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Kamchatnaya, S.N., Nazyrov, Z.F.	Electric Charge Transfer and Scattering of Its Carriers in Cuprates of the 1–2–3 System (2016) Journal of Low Temperature Physics, 183 (1-2), pp. 59-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961286740&doi=10.1007%2F10909-016-1513-0&partnerID=40&md5=91be5231fc8625841e4b8111b41f9b
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Nazyrov, Z.F. , Chronos, A.	Transverse resistance in HoBa ₂ Cu ₃ O _{7-δ} single crystals (2015) Modern Physics Letters B, 29 (35-36), статья № 1550232, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954386557&doi=10.1142%2F1021798491550232&partnerID=40&md5=4162663bde1d3ac52d8c1d2905f83299
	Khadzhai, G.Y., Vovk, R.V., Nazyrov, Z.F.	Transverse resistance of YBa ₂ Cu ₃ O _{7-δ} single crystals with different oxygen deficiency (2015) Low Temperature Physics, 41 (11), pp. 874-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949567306&doi=10.1063%2F1.4934949&partnerID=40&md5=b05f1d94645eb502f6d76a3c42ac87a6
	Vovk, R.V., Khadzhai, G.Ya., Dobrovolskiy, O.V., Nazyrov, Z.F. , Chronos, A.	Influence of planar and point defects on the basal-plane conductivity of HoBaCuO single crystals (2015) Physica C: Superconductivity and its Applications, 516, pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947218048&doi=10.1016%2Fj.physc.2015.06.011&partnerID=40&md5=3a1d632cc6694893ca9298cee27d8bfc
	Vovk, R.V., Dobrovolskiy, O.V., Nazyrov, Z.F. , Kotvitskaya, K.A., Chronos, A.	Effect of Structural Relaxation on the Metal–Insulator Transition in Heavily Underdoped YBa ₂ Cu ₃ O _{7-δ} Single Crystals (2015) Journal of Low Temperature Physics, 180 (3-4), pp. 277-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931575272&doi=10.1007%2F10909-015-1304-z&partnerID=40&md5=fa7e6a546151367953f7e8cca30bdd
	Khadzhai, G.Ya., Vovk, R.V., Nazyrov, Z.F.	Transversal electric resistance of the YBa ₂ Cu ₃ O _{7-δ} single crystals at the different values of oxygen deficit (2015) Fizika Nizkikh Temperatur, 41 (11), pp. 1119-1125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943384511&partnerID=40&md5=cc4d8d0e7eee62552f3f5d1b1c9a828e
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Vovk, N.R., Nazyrov, Z.F.	Effect of defects on the basal-plane resistivity of YBa ₂ Cu ₃ O _{7-δ} and Y1-yPr _y Ba ₂ Cu ₃ O _{7-x} single crystals (2015) Journal of Materials Science: Materials in Electronics, 26 (3), pp. 1435-1440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925485954&doi=10.1007%2F10854-014-2558-y&partnerID=40&md5=d2f85d197cfff18fc215d9d13e3cf8e36
	Vovk, R.V., Khadzhai, G.Ya., Dobrovolskiy, O.V., Nazyrov, Z.F. , Chronos, A.	Transverse resistance of YBa ₂ Cu ₃ O _{7-δ} single crystals (2015) Current Applied Physics, 15 (5), pp. 617-621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924116405&doi=10.1016%2Fj.cap.2015.02.016&partnerID=40&md5=79efe4ce3fad21014382db46a1e1b66e
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Nazyrov, Z.F. , Goulatis, I.L.	Transverse conductivity in Y1-yPr _y Ba ₂ Cu ₃ O ₇₋ single crystals (2014) Materials Research Express, 1 (2), статья № 026303, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910152058&doi=10.1088%2F2053-1591%2F1%2F2f026303&partnerID=40&md5=7af09e810e989c9a94f20b1c30a29fd7
	Nazyrov, Z.F. , Popova, A.V., Vovk, R.V.	Aging-effect in optimal doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2014) Functional Materials, 21 (4), pp. 394-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919961793&partnerID=40&md5=908c3eac145bc1638a09324e61e81a1fc
	Vovk, R.V., Vovk, N.R., Khadzhai, G.Ya., Dobrovolskiy, O.V., Nazyrov, Z.F.	Effect of high pressure on the fluctuation paraconductivity in Y0.95Pr _{0.05} Ba ₂ Cu ₃ O _{7-δ} single crystals (2014) Current Applied Physics, 14 (12), pp. 1779-1782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908387363&doi=10.1016%2Fj.cap.2014.10.002&partnerID=40&md5=45db0811c2d2a31b7732a661cd3901f6
	Vovk, R.V., Nazyrov, Z.F. , Goulatis, I.L., Chronos, A.	Temperature dependence of the pseudogap in Y1-zPr _z Ba ₂ Cu ₃ O _{7-δ} single crystals (2013) Journal of Materials Science: Materials in Electronics, 24 (4), pp. 1146-1149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876463632&doi=10.1007%2F10854-012-0897-0&partnerID=40&md5=3c95671e1e74c5ea5b86eed6cfd237aa
	Vovk, R.V., Nazyrov, Z.F. , Goulatis, I.L., Chronos, A.	Metal-to-insulator transition in Y1-xPr _x Ba ₂ Cu ₃ O _{7-δ} single crystals with various praseodymium contents (2013) Physica C: Superconductivity and its Applications, 485, pp. 89-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870170175&doi=10.1016%2Fj.physc.2012.09.017&partnerID=40&md5=30e5cc56d5d2b6e0b2681282b3e81f9b
	Vovk, R.V., Nazyrov, Z.F. , Goulatis, I.L., Chronos, A., Pinto Simoes, V.M.	Metal-insulator transition and the temperature of the pseudogap anomaly opening in praseodymium doped Y1-zPr _z Ba ₂ Cu ₃ O _{7-δ} single crystals (2013) Modern Physics Letters B, 27 (4), статья № 1350029, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872737888&doi=10.1142%2F1021798491350292&partnerID=40&md5=590e7c266e12e605af087f16656eafeb
	Vovk, R.V., Nazyrov, Z.F. , Goulatis, I.L., Chronos, A.	Effect of praseodymium concentration on the excess conductivity near the critical temperature of Y1-z Pr _z Ba ₂ Cu ₃ O _{7-δ} single crystals (2013) Journal of Low Temperature Physics, 170 (3-4), pp. 216-222.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876285535&doi=10.1007%2F10909-012-0755-8&partnerID=40&md5=a2815f3e56398ddfc2770a2f2ede1ba1
	Vovk, R.V., Khadzhai, G.Y., Nazyrov, Z.F.	Evolution of normal electrical resistance in oxygen underdoped Ho-1Ba ₂ Cu ₃ O _{7-δ} single crystals in the process of application-removal of high hydrostatic pressure (2012) Functional Materials, 19 (4), pp. 452-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876300615&partnerID=40&md5=3b4b16b3479a72ef713b16f498f34673
	Vovk, R.V., Khadzhai, G.Y., Nazyrov, Z.F. , Goulatis, I.L., Chronos, A.	Relaxation of the normal electrical resistivity induced by high-pressure in strongly underdoped YBa ₂ Cu ₃ O _{7-δ} single crystals (2012) Physica B: Condensed Matter, 407 (22), pp. 4470-4472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866740785&doi=10.1016%2Fj.physb.2012.07.049&partnerID=40&md5=c80696ccbf4d45527a36b2393951667d
	Vovk, R.V., Nazyrov, Z.F. , Goulatis, I.L., Chronos, A.	Localization effect and pseudogap in praseodymium doped Y1-zPr _z Ba ₂ Cu ₃ O _{7-δ} Single crystals (2012) Modern Physics Letters B, 26 (25), .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866113582&doi=10.1142%2F10217984912501631&partnerID=40&md5=4d1c53cd476d4b8a27db2e2cfbe5540d
	Vovk, R.V., Nazyrov, Z.F. , Goulatis, V.V., Ogrin, F.Y.	Anisotropy of magnetoresistance in untwinned YBa ₂ Cu ₃ O _{7-δ} single crystals (2012) Functional Materials, 19 (2), pp. 157-162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863773591&partnerID=40&md5=80de8c86772633e1aadd423c58d1dfcc
	Obolenskiy, M.A., Balla, D.D., Zavgorodniy, A.A., Vovk, R.V., Nazyrov, Z.F. , Goulatis, I.L., Januszczyk, M., Latosińska, J.N.	Compression changes in electrical resistance and critical temperature of Nb1-xSe ₂ S _n x single crystals (2012) Acta Physica Polonica A, 122 (1), pp. 159-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863623173&partnerID=40&md5=3d7ac5f18fa036279d329d458db12b0
	Vovk, R.V., Obolenskii, M.A., Nazyrov, Z.F. , Goulatis, I.L., Chronos, A., Pinto Simoes, V.M.	Electro-transport and structure of 1-2-3 HTSC single crystals with different plane defects topologies (2012) Journal of Materials Science: Materials in Electronics, 23 (6), pp. 1255-1259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861935722&doi=10.1007%2F10854-011-0582-8&partnerID=40&md5=9e8bfbc50994ca66cc0ec79b63406ec
	Vovk, R.V., Nazyrov, Z.F. , Obolenskii, M.A., Zavgorodniy, A.A., Pinto Simoes, V.M.	Conductivity anisotropy in Y1-zPr _z Ba ₂ Cu ₃ O _{7-δ} single crystals with different praseodymium content (2011) Materials, 18 (4), pp. 423-427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856753448&partnerID=40&md5=96bc23b5f90f9db5b8773c1efdd1251
	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Goulatis, I.L., Chronos, A., Kruglyak, V.V., Chronos, A.	Influence of longitudinal magnetic field on the fluctuation conductivity in slightly Al-doped YBa ₂ Cu ₃ -xAl _x O _{7-δ} single crystals with a given topology of plane defects (2011) Modern Physics Letters B, 25 (27), pp. 2131-2136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052865469&doi=10.1142%2F10217984911027327&partnerID=40&md5=f4d0669d825e70bb87f809c581604e84
	Vovk, R.V., Nazyrov, Z.F. , Obolenskii, M.A., Simoes, V.M.P., Januszczyk, M., Latosińska, J.N.	Effect of oxygen redistribution on temperature dependence of pseudo-gap in underdoped HoBa ₂ Cu ₃ O _{7-δ} single crystals (2011) Acta Physica Polonica A, 120 (3), pp. 512-515.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052217775&partnerID=40&md5=38ef642f78d1d10a38605632f21c0
	Vovk, R.V., Nazyrov, Z.F. , Obolenskii, M.A., Goulatis, I.L., Chronos, A., Pinto Simoes, V.M.	Phase separation in oxygen deficient HoBa ₂ Cu ₃ O _{7-δ} single crystals: Effect of high pressure and twin boundaries (2011) Philosophical Magazine, 91 (17), pp. 2291-2302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956154898&doi=10.1080%2F14786435.2011.552893&partnerID=40&md5=e8f432ed124ac2ad1ca6d6ae4d67e5c0
	Chronos, A.I., Vovk, R.V., Goulatis, I.L., Nazyrov, Z.F. , Pinto Simoes, V.M., Januszczyk, M., Latosińska, J.N.	Vacancy-fluorine clusters in silicon (2011) Acta Physica Polonica A, 119 (6), pp. 774-777.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79958169308&partnerID=40&md5=80e9c182abc6437fdd1d624e3e8e97cd
	Vovk, R.V., Nazyrov, Z.F. , Obolenskii, M.A., Goulatis, I.L., Chronos, A., Simoes, V.M.P.	Effect of small oxygen deficiency on the para-coherent transition and 2D-3D crossover in untwinned YBa ₂ Cu ₃ O _{7-δ} single crystals (2011) Journal of Alloys and Compounds, 509 (13), pp. 4553-4556.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952281966&doi=10.1016%2Fj.jallcom.2011.01.102&partnerID=40&md5=4b0a0bc0e495fcd9a70a576759c08383

100.	Larin, V., Shapovalov, S.	Association of complex ferrumcyanide anions with pinacyanol cation in aqueous solution (2012) Chemistry and Chemical Technology, 6 (1), pp. 25-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861420373&partnerID=40&md5=d9fc8445e43ae1e6066860ca38906e6
	Shapovalov, S.A.	Ionic association with anions of alizarin red S in aqueous solutions with surfactants (2011) Russian Journal of Physical Chemistry A, 85 (8), pp. 1369-1375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8005159986&doi=10.1134%2F50036024411080309&partnerID=40&md5=ffcb167e5b224291c4348d6b47a5259
	Shapovalov, S.A.	Association of anions of phenolsulfonephthalein and its alkyl-substituted derivatives with single-charged cations of polymethines (2011) Russian Chemical Bulletin, 60 (3), pp. 465-473.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052739789&doi=10.1007%2F11172-011-0073-3&partnerID=40&md5=b95985f09d19e28fc48154cfedd26049
	Shapovalov, S.A.	Heteroassociates of singly- and doubly-charged anions of alizarin red S with the pinacyanol cation (2011) Russian Chemical Bulletin, 60 (1), pp. 89-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959831196&doi=10.1007%2F11172-011-0012-3&partnerID=40&md5=d3b7a4b4efeb080a756fdd170cb75c3d
	Shapovalov, S.A.	Association constants and enthalpies of formation of heteroassociates of anions of cresol red and thymol blue (2011) Russian Journal of Physical Chemistry A, 85 (1), pp. 9-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951782283&doi=10.1134%2F50036024411010250&partnerID=40&md5=56bf928644b256d98f945a231ac9fa26
	Shapovalov, S.A.	Association constants and heats of formation of heteroassociates of anions of sulphophthaleine dyes (2010) Russian Journal of Physical Chemistry A, 84 (11), pp. 1913-1920.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958598931&doi=10.1134%2F50036024410110178&partnerID=40&md5=2ab2ef09a83a568978514d40fe715cc8
	Shapovalov, S.A., Kiseleva, Ya.S.	Heteroassociation of the bromine-containing anions of sulphophthaleins in aqueous solution (2010) Russian Chemical Bulletin, 59 (7), pp. 1317-1326.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951700111&doi=10.1007%2F11172-010-0241-x&partnerID=40&md5=3c38a952e09bb886548506923a79df64
	Shapovalov, S.A.	Interaction of sulphophthaleine anions with cationic dyes in aqueous solution (2010) Russian Journal of General Chemistry, 80 (5), pp. 953-963.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955874354&doi=10.1134%2F51070363210050166&partnerID=40&md5=12f2b0b68fbf1fa59110ad5187b2dc1b
	Shapovalov, S.A.	Evaluation of the stability of dye heteroassociates formed in aqueous solutions (2008) Russian Journal of Physical Chemistry A, 82 (9), pp. 1499-1505.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249105765&doi=10.1134%2F50036024408090173&partnerID=40&md5=edf9cd388bd4bfc882aa9b3ecc1b095
	Shapovalov, S.A.	Effect of surfactants on homo- and heteroassociation of pinacyanol cation in aqueous solution (2008) Russian Journal of Applied Chemistry, 81 (7), pp. 1160-1166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50649101058&doi=10.1134%2F51070427208070069&partnerID=40&md5=abf448b983fef47980b36c66913dfcb4
	Shapovalov, S.A., Samoilov, E.A.	Regularities of homo- and heteroassociation of the pinacyanol cation in aqueous solution (2008) Russian Chemical Bulletin, 57 (7), pp. 1405-1415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650503706&doi=10.1007%2F11172-008-0183-8&partnerID=40&md5=c5710f4c6efe1a44bab135f69193d140
	Shapovalov, S.A., Kiseleva, Ya.S.	The association of cyanine dye cations with phenol red anions in aqueous solutions (2008) Russian Journal of Physical Chemistry A, 82 (6), pp. 972-977.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44449133059&doi=10.1134%2F50036024408060198&partnerID=40&md5=ddb11a70c545d10b55e72822fd7971b7
	Shapovalov, S.A.	Formation of ionic associates by Phenol Red and their interaction with ionic surfactants in aqueous solutions (2007) Russian Journal of Applied Chemistry, 80 (11), pp. 1826-1831.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38049091186&doi=10.1134%2F51070427207110092&partnerID=40&md5=d9c6395e8affb1d85c2ac0f51cbad24
	Shapovalov, S.A.	Kinetics of interaction between cyanine dye ion association species and surfactants in aqueous solution (2005) Russian Journal of Physical Chemistry A, 79 (10), pp. 1586-1591.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2844439853&partnerID=40&md5=6a5bf4d2b304a495a70fb57632410d1
	Shapovalov, S.A.	Effect of temperature on the stability and stoichiometric composition of ion associates of the pinacyanol cation (2005) Russian Journal of Physical Chemistry A, 79 (3), pp. 478-482.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14644439207&partnerID=40&md5=656d8066e917c04bbf5138305e2b242
	Shapovalov, S.A., Koval, V.L., Chernaya, T.A., Pereverzev, A.Yu., Derevyanko, N.A., Ishchenko, A.A., Mchedlov-Petrosyan, N.O.	Association of indopolymethine cyanine cations with anions of sulfonephthalein and xanthene dyes in water (2005) Journal of the Brazilian Chemical Society, 16 (2), pp. 232-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444392353&partnerID=40&md5=b1a5b3539751dc3e659ecf0bdb720954
	Larin, V.I., Shapovalov, S.A.	Dissimilar association of ions in aqueous solutions (2004) Ukrainiskij Khimicheskij Zhurnal, 70 (5-6), pp. 10-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12244264226&partnerID=40&md5=1b99fd65828f75bc7157d5c7b0ebfc5c
	Shapovalov, S.A.	Interaction of cationic forms of pinacyanol with organic anions in aqueous solutions: Estimation of structural factor (2004) Ukrainiskij Khimicheskij Zhurnal, 70 (3-4), pp. 25-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644289521&partnerID=40&md5=e772936c8f2f8b4ba823b4f1dcab1bf8
	Shapovalov, S.A., Larin, V.I., Gladkov, E.S., Chernaya, T.A.	Dissimilar association of rhodamines cations in aqueous solutions: Influence of structure of cation on strength of associates (2004) Ukrainiskij Khimicheskij Zhurnal, 70 (3-4), pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644277347&partnerID=40&md5=1109392a250139fc45fbc3c462653b12
	Ishchenko, A.A., Shapovalov, S.A.	Heterogeneous association of the ions of dyes in solutions (review) (2004) Journal of Applied Spectroscopy, 71 (5), pp. 605-629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10344241492&doi=10.1023%2Fb%3aJAPS.0000049618.42857.0a&partnerID=40&md5=a737286ac9836e6626b5d7f5b7ae61
	Shapovalov, S.A., Gladkov, E.S., Chernaya, T.A.	Influence of ionic surfactants on tetrabromophenylfluorone ionic associates (2004) Russian Journal of Applied Chemistry, 77 (6), pp. 968-971.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5444220624&doi=10.1023%2Fb%3aRJAC.0000044125.58722.7f&partnerID=40&md5=6fb3454bbcb30d36aab2d59cfc123695
	Shapovalov, S.A., Svishcheva, Ya.A.	Effect of cationic surfactants on association of pinacyanol with organic counterions (2002) Russian Journal of Applied Chemistry, 75 (3), pp. 452-456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842421868&doi=10.1023%2FA%3a1016159208518&partnerID=40&md5=2a3703a3474a5e3ee28cb64b15fd41e8
	Shapovalov, S.A., Svishcheva, Y.A., Larin, V.I.	Association of pinacyanol with sulfonephthalein and oxyxanthene anions in aqueous solutions (2002) Ukrainiskij Khimicheskij Zhurnal, 68 (3-4), pp. 107-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036413333&partnerID=40&md5=0a990878928d248f2549c8693165c814
	Mchedlov-Petrosyan, N.O., Klochov, V.K., Andrievskii, G.V., Schumacher, A.S., Kleshchevnikova, V.N., Koval, V.L., Shapovalov, S.A., Derevyanko, N.A., Ishchenko, A.A.	Interaction of polymethine dyes with fullerene C60 hydrosol (2001) Zhurnal Nauchnoi I Prikladnoi Fotografii, 46 (1), pp. 3-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14644411633&partnerID=40&md5=18cf27c3d4cd148d65d9b79ea0abb08f
	Samojlov, E.A., Larin, V.I., Shapovalov, S.A.	Kinetic laws governing the decomposition of ammoniate complexes of copper in chloride-containing solvents (1998) Ukrainiskij Khimicheskij Zhurnal, 64 (5-6), pp. 30-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032066581&partnerID=40&md5=8760deb46608ccf1bf44e80c2bcfbf15
	Derevyanko, N.A., Ishchenko, A.A., Popov, S.V., Slominskii, Yu.L., Koval, V.L., Shapovalov, S.A., Mchedlov-Petrosyan, N.O.	Dissimilar association of polymethines: Interaction of cationic and anionic dyes in aqueous solutions (1997) Zhurnal Nauchnoi I Prikladnoi Fotografii, 42 (3), pp. 70-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041963869&partnerID=40&md5=442f509772da8681be5fa2a38bac2f39
	Ishchenko, A.A., Derevyanko, N.A., Popov, S.V., Slominskii, Yu.L., Koval, V.L., Shapovalov, S.A., Mchedlov-Petrosyan, N.O.	Interaction of chromophores in dissimilar associates of cationic and anionic polymethine dyes in water (1997) Russian Chemical Bulletin, 46 (5), pp. 910-915.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040095583&partnerID=40&md5=a8da61793ef4513fa9d1724f411b73ed
	Samoilov, E.A., Shapovalov, S.A., Larin, V.I.	Control over the phase formation in the systems characterizing the compositions of spent etching solutions in production of copper printed-circuit boards (1996) Russian Journal of Applied Chemistry, 69 (11), pp. 1647-1650.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644492085&partnerID=40&md5=972b5bf91b53072c1df3ec16ec9f712
	Mchedlov-Petrosyan, N.O., Shapovalov, S.A., Egorova, S.I., Kleshchevnikova, V.N., Arias Cordova, E.	A new application of Rhodamine 200 B (Sulfo Rhodamine B) (1995) Dyes and Pigments, 28 (1), pp. 7-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444409584&doi=10.1016%2F0143-7208%2894%2900058-A&partnerID=40&md5=3b23ce955a6ac6d0e3a7bc2661f76ae

	Kalugin, V.D., Shapovalov, S.A. , Yas'ko, V.N.	Electrochemical and kinetic aspects of the current-free deposition of lead and tin onto copper from solutions containing thiocarbamide (1993) Ukrainiskij Khimicheskij Zhurnal, 59 (2), pp. 172-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027540565&partnerID=40&md5=a8d9a4c4de02772f56d2a8baa0e0e3ba
	Mchedlov-Petrosyan, N.O., Shapovalov, S.A. , Koval, V.L., Shakhverdov, T.A., Bochkaryov, Y.A.	the surfactant-induced formation of J- and H-aggregates in aqueous pseudoisocyanine solutions (1992) Dyes and Pigments, 19 (1), pp. 33-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027050218&doi=10.1016%2F0143-7208%2892%2987009-P&partnerID=40&md5=6be7088b17c5ec0cfa7598823c76577
101.	Held, C., Tsurko, E.N. , Neueder, R., Sadowski, G., Kunz, W.	Cation Effect on the Water Activity of Ternary (S)-Aminobutanedioic Acid Magnesium Salt Solutions at 298.15 and 310.15 K (2016) Journal of Chemical and Engineering Data, 61 (9), pp. 3190-3199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986183483&doi=10.1021%2Facs.jced.6b00295&partnerID=40&md5=413f3cdebac6f09a8111e5d457e3ae61
	Tsurko, E.N. , Neueder, R., Kunz, W.	Osmotic Coefficients of Two Amino Acid Magnesium Salts at 298.15 and 310.15 K (2016) Journal of Solution Chemistry, 45 (2), pp. 313-324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958117315&doi=10.1007%2F10953-016-0445-2&partnerID=40&md5=ae7f6e412e1989c768b3ccdd45dccc9
	Tsurko, E.N. , Neueder, R., Kunz, W.	Anion effect on glutamate solutions at 298.15 and 310.15 K as deduced from vapor pressure measurements (2015) Journal of Molecular Liquids, 205, pp. 119-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939949531&doi=10.1016%2Fj.molliq.2015.03.010&partnerID=40&md5=259d23849fe5a2062d6c80b0f6c1dda7
	Tsurko, E.N.	Thermodynamic Analysis of Dissociation Functions of Valine at 293.15-318.15 K in Ethanol-Water Mixtures (2014) Journal of Solution Chemistry, 43 (8), pp. 1313-1330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957430697&doi=10.1007%2F10953-014-0204-1&partnerID=40&md5=912371c09af96917a98c8976fab69ca4
	Tsurko, E.N. , Kuchtenko, Y.S.	Thermodynamics of the dissociation processes of beta-alanine in ethanol-water mixtures at temperatures from 293.15 K to 318.15 K (2014) Journal of Molecular Liquids, 189, pp. 95-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890548092&doi=10.1016%2Fj.molliq.2013.03.023&partnerID=40&md5=0e356b561bd057c9f8b8441f1490ede8
	Tsurko, E.N. , Neueder, R., Kunz, W.	Activity of water and osmotic coefficients for two- and three-basic amino acid ternary solutions (2012) Journal of Chemical and Engineering Data, 57 (11), pp. 3123-3127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868704127&doi=10.1021%2Fje300701m&partnerID=40&md5=7d49a5ef0f2742863e7c4822626f42e1
	Tsurko, E.N. , Neueder, R., Kunz, W.	Activity of water, osmotic and activity coefficients of sodium glutamate and sodium aspartate in aqueous solutions at 310.15 K (2009) Acta Chimica Slovenica, 56 (1), pp. 58-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65349153045&partnerID=40&md5=a698518b1798bec3d048550e10af296e
	Tsurko, E.N. , Neueder, R., Kunz, W.	Activity of water and osmotic coefficients of histidine derivatives in aqueous solutions at 310.15 K (2008) Journal of Solution Chemistry, 37 (3), pp. 421-431.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-39149143994&doi=10.1007%2F10953-007-9237-z&partnerID=40&md5=6749ba473cf43f6878aeadf2e0133a77
	Tsurko, E.N. , Neueder, R., Kunz, W.	Water activity and osmotic coefficients in solutions of glycine, glutamic acid, histidine and their salts at 298.15 K and 310.15 K (2007) Journal of Solution Chemistry, 36 (5), pp. 651-672.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249652309&doi=10.1007%2F10953-007-9131-8&partnerID=40&md5=62b675faf3391087fb2b9b898ca2f173
	Tsurko, E.N. , Bondarev, N.V.	Thermodynamics and temperature dependence of dissociation and solvation of alpha-alanine in H ₂ O-MeOH and of valine in H ₂ O-PrOH-2 (2007) Journal of Molecular Liquids, 131-132 (SPEC. ISS.), pp. 145-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845897632&doi=10.1016%2Fj.molliq.2006.08.050&partnerID=40&md5=0e84345bb3c660e9c0213ba9ab9b50e
	Tsurko, E.N. , Bondarev, N.V.	Mathematical modeling of solvent parameters' relevant contribution to the alpha-amino acid (valine, alpha-alanine) solvation in H ₂ O-MeOH, H ₂ O-EtOH and H ₂ O-PrOH-2 (2007) Journal of Molecular Liquids, 131-132 (SPEC. ISS.), pp. 151-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845912423&doi=10.1016%2Fj.molliq.2006.08.051&partnerID=40&md5=9c2c97962226fa28405a35f5d5206e8b
	Tsurko, E.N. , Bondarev, N.V., Shikhova, T.M., Khrebto, E.V.	Effect of physicochemical properties of water-propane-2-ol mixture and temperature on thermodynamics of Cu complexation with glycine (2005) Koordinatsionnaya Khimiya, 31 (4), pp. 311-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24344504377&partnerID=40&md5=154abd4783cacacdad01d44dc4758e11
	Tsurko, E.N. , Bondarev, N.V., Shikhova, T.M., Khrebto, E.V.	Effect of physicochemical properties of water-propane-2-ol mixture and temperature on thermodynamics of Cu complexation with glycine (2005) Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 31 (4), pp. 291-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144421235&doi=10.1007%2F1173-005-0091-5&partnerID=40&md5=ecd4ab641bde986a6f9088f42b65b544
	Tsurko, E.N. , Bondarev, N.V.	Interparticle interactions in solutions of beta-alanine, valine and glutamic acid from concentration dependence of activity coefficients of their charged and zwitterionic forms at various ionic strengths (2004) Journal of Molecular Liquids, 113 (1-3), pp. 29-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942624072&doi=10.1016%2Fj.molliq.2004.02.033&partnerID=40&md5=32044a2d4662f3494335047c55b74a11
	Tsurko, E.N. , Bondarev, N.V., Shikhova, T.M., Popenko, E.N.	Thermodynamic Functions of Dissociation and Solvation of α -Alanine in the Propan-2-ol-Water Binary Solvent (2003) Russian Journal of Physical Chemistry A, 77 (10), pp. 1607-1613.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242690170&partnerID=40&md5=bfe3efe1b24748f1016256e338514bbc
	Tsurko, E.N. , Bondarev, N.V., Shikhova, T.M., Popenko, E.N.	Thermodynamic functions of dissociation and solvation of α -alanine in the propan-2-ol-water binary solvent (2003) Zhurnal Fizicheskoy Khimii, 77 (10), pp. 1790-1797.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242596534&partnerID=40&md5=bb6d99b353679e81365b338d8e8bb527
	Tsurko, E.N. , Shikhova, T.M., Bondarev, N.V., Samarskaya, O.V.	Thermodynamic functions of dissociation of valine in the water-methanol system at 278.15-318.15 K (2002) Russian Journal of Physical Chemistry A, 76 (8), pp. 1277-1282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036694861&partnerID=40&md5=de46965db0e157e21f0ec9afc89d99f2
	Larina, O.V., Didi, Y., Bondarev, N.V., Kern, A.P., Tsurko, E.N.	Thermodynamic and correlation analysis of the influence of water-methanol and water-isopropanol solvents on Ag(I) cation coordination with 18-crown-6-ether (2002) Russian Journal of Physical Chemistry A, 76 (6), pp. 946-953.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036018318&partnerID=40&md5=8c94e9c4a98426ee64501f1f109cb4e2
	Tsurko, E.N. , Shihova, T.M., Bondarev, N.V.	Dissociation functions of glycine and β -alanine in propan-2-ol-water mixtures at various temperatures and their thermodynamical analysis (2002) Journal of Molecular Liquids, 96-97, pp. 425-437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036531866&doi=10.1016%2F0167-7322%2801%2900364-6&partnerID=40&md5=c888c0bac7e931dfc6bd8f0d8d9d8c2
	Tsurko, E.N. , Shikhova, T.M., Bondarev, N.V., Samarskaya, O.V.	Thermodynamic functions of dissociation of valine in the water-methanol system at 278.15-318.15 K (2002) Zhurnal Fizicheskoy Khimii, 76 (8), pp. 1418-1424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036413155&partnerID=40&md5=e8ab959ef910b3222d9ab62d10daf5a
	Larina, O.V., Didi, Y., Bondarev, N.V., Kern, A.P., Tsurko, E.N.	Thermodynamic and correlation analysis of the influence of water-methanol and water-isopropanol solvents on Ag(I) cation coordination with 18-crown-6-ether (2002) Zhurnal Fizicheskoy Khimii, 76 (6), pp. 1059-1067.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036415468&partnerID=40&md5=517ed573afe6296848ced1220298a3d
	Tsurko, E.N. , Neueder, R., Barthel, J.	Electrolyte conductivity of NaSCN in propan-1-ol and propan-2-ol solutions at temperatures from 228 K to 298 K (2000) Journal of Chemical and Engineering Data, 45 (4), pp. 678-681.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034225097&doi=10.1021%2Fje000063x&partnerID=40&md5=604f33f1a439ef4081f0510116c7ecfe
	Tsurko, E.N. , Neueder, R., Barthel, J., Apelblat, A.	Conductivity of phosphoric acid, sodium, potassium, and ammonium phosphates in dilute aqueous solutions from 278.15 K to 308.15 K (1999) Journal of Solution Chemistry, 28 (8), pp. 973-999.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033177072&partnerID=40&md5=657a8ba9ce39031fb5a359f0d0606d5a
	Didi, Yu., Kern, A.P., Tsurko, E.N. , Bondarev, N.V.	Thermodynamics of Complex Formation and Solvation in the Systems M-18-Crown-6-H ₂ O-2-Propanol (M = Na ⁺ , K ⁺) (1998) Russian Journal of General Chemistry, 68 (5), pp. 715-719.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032328693&partnerID=40&md5=2fdf25dadd15695a89ee1e2c39c0be7a
	Kabakova, E.N., Tsurko, E.N. , Bondarev, N.V.	Thermodynamics of molecular recognition of K ⁺ and Na ⁺ ions with 18-crown-6 in water-acetone mixtures (1998) Jianzhu Jieguo Xuebao/Journal of Building Structures, 19 (6), pp. 23-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031602076&partnerID=40&md5=343fee1ed6da863e3d48383378fde9a
	El'tsov, S.V., Tsurko, E.N. , Bondarev, N.V.	Transfer Coefficients of Salts in Water-Acetonitrile-18-crown-6 Mixtures (1997) Russian Journal of General Chemistry, 67 (10), pp. 1522-1525.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031327842&partnerID=40&md5=accc8329fc4cf3d60c5ac4eb0c84cee
	Didi, Yu., Borodenko, V.I., Tsurko, E.N. , Bondarev, N.V.	Thermodynamics of Complex Formation of Ag(I) with Acetate Ion in Water-2-Propanol Mixtures at 288.15-318.15 K (1997) Russian Journal of General Chemistry, 67 (8), pp. 1175-1179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031329775&partnerID=40&md5=97df44bdaa1119ba023f4a98b101d173
	Didi, Yu., Tsurko, E.N. , Bondarev, N.V.	Stability Constants of the Na ⁺ Complex with 18-Crown-6 in Aqueous 2-Propanol at 283.15-318.15 K (1997) Russian Journal of General Chemistry, 67 (6), pp. 828-830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031330813&partnerID=40&md5=daac7415a3bc6fe2b8a3c363728f7c4

	Aleksandrov, V.V., Rubtsov, V.I., Tsurko, E.N. , Dominges, P.B.	Solvation thermodynamics of chromic acid ions in a methanol - Water system at various temperatures (1996) Chemical Physics Reports, 15 (11), pp. 1693-1698.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011619677&partnerID=40&md5=5268c0a0ed5089485838e5f224a2ed32
	Tsurko, E.N. , Rubtsov, V.I., Alexandrov, V.V.	Thermodynamics of ions of chromic and thiocyanic acids: Solvation in the ethanol-water system (1996) Journal of the Chemical Society - Faraday Transactions, 92 (8), pp. 1345-1351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748623115&partnerID=40&md5=4b146f95a6f9d6f084815657438a8c8
	Bondarev, N.V., Kern, A.P., Tsurko, E.N.	Thermodynamics of NaNO ₃ , NaClO ₄ and perchloric acid solvation in water-methanol solvent at 298.15 K (1996) Ukrainskij Khimicheskij Zhurnal, 62 (1-2), pp. 86-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029677562&partnerID=40&md5=8db91f64b58bec238565e408203eec4
102.	Apalkov, V.M., Boiko, Y.I. , Slezov, V.V., Worch, H.	Temperature of magnetic ordering in thin magnetic films (2000) Zeitschrift fuer Metallkunde/Materials Research and Advanced Techniques, 91 (3), pp. 202-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033892865&partnerID=40&md5=14f1f2691746397fe6b3c33075f8f4d
	Boiko, Y.I. , Slezov, V.V., Apalkov, V.M., Carstjan, H.D.	The evolution of a single void under irradiation (1998) Zeitschrift fuer Metallkunde/Materials Research and Advanced Techniques, 89 (2), pp. 142-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032003893&partnerID=40&md5=52ee08db079a0d6f577c66c9c4e5da91
	Slezov, V.V., Apalkov, V.M., Boiko, Yu.I. , Carstjan, H.D.	The smoothing of surface structure in solids under radiation (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (1), pp. 108-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5344263780&partnerID=40&md5=dcd46f1d3739f1434c57435c3e55d7d9
	Slezov, V.V., Apal'kov, V.M., Boiko, Yu.I. , Carstjan, H.D.	Smoothing of the macrorelief on the surface of a solid of arbitrary stoichiometric composition under irradiation (1997) Physics of the Solid State, 39 (4), pp. 660-665.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031511071&partnerID=40&md5=318d5810c21f6d528472df8eb5befe5
	Slezov, V.V., Apalkov, V.M., Boiko, Yu.I. , Carstjan, H.D.	The smoothing of the surface structure in solids under irradiation (1997) Low Temperature Physics, 23 (1), pp. 73-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2144443538&partnerID=40&md5=08dca94ae30c299997c65b428b1bb8d
	Boiko, Yu.I. , Sukhomlin, V.P., Pettsov, G., Yaeger, G.	Phase formation and sintering in the process of preparing metal-oxide ceramic YBa ₂ Cu ₃ O _{7-x} (1994) Powder Metallurgy and Metal Ceramics, 32 (9-10), pp. 777-780.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249767701&doi=10.1007%2BF00560315&partnerID=40&md5=222ec9a7cca664abd8dfdf6be0f4d93
	Boiko, Yu.I. , Sukhomlin, V.P.	Sintering of YBa ₂ Cu ₃ O _{7-x} ceramics in a temperature field with a constant gradient (1993) Powder Metallurgy and Metal Ceramics, 32 (8), pp. 692-695.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249762815&doi=10.1007%2BF00559810&partnerID=40&md5=0a9c697fb7ef1ddf90115b7e4eb8a06d
	Boiko, Yu.I. , Kaizer, V., Pettsov, G., Frish, A.	Kinetic segregation on pores in the process of sintering a homogeneous solid solution (1993) Powder Metallurgy and Metal Ceramics, 32 (5), pp. 401-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250075845&doi=10.1007%2BF00561261&partnerID=40&md5=05ba614d2787b0ffe1b9c53db65e984e
	Boiko, Yu.I. , Klinchuk, Yu.I.	Sintering of simple oxides of metals with variable valency (1992) Poroshkovaya Metallurgiya, (6), pp. 7-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026871658&partnerID=40&md5=a736229ccf746299a5156fc8db77add
	Boiko, Yu.I. , Klinchuk, Yu.I., Sukhomlin, V.P.	Sintering of simple metal oxides with variable valence (1992) Soviet Powder Metallurgy and Metal Ceramics, 31 (6), pp. 466-468.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249835501&doi=10.1007%2BF00802439&partnerID=40&md5=fb7cfb244b9a853a5f1f966bac3048a6
	Boiko, Yu.I. , Klinchuk, Yu.I., Sukhomlin, V.P.	Investigation into the sintering process for the Y ₂ O ₃ -CuO system (1992) Soviet Powder Metallurgy and Metal Ceramics, 31 (4), pp. 300-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3424983193&doi=10.1007%2BF00796277&partnerID=40&md5=034cb5624387df6f4e4eb495df286786
	Boiko, Yu.I. , Gal'chinskaya, Yu.L., Klinchuk, Yu.I., Molodtsov, S.L., Chizhikova, I.T.	Role of elastic stresses in the sintering process of nonequialxial crystalline particles (1991) Soviet Powder Metallurgy and Metal Ceramics, 30 (11), pp. 904-908.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249831444&doi=10.1007%2BF00794588&partnerID=40&md5=091a9917c95a9a73c06603bc07ac5f6a
	Boiko, Yu.I. , Galchinskaya, Yu.L., Klinchuk, Yu.I., Molodtsov, S.L., Chizhikova, I.T.	Role of elastic stresses in the process of sintering of nonisomeric crystal particles (1991) Poroshkovaya Metallurgiya, (11), pp. 6-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026259191&partnerID=40&md5=082fe71a4c3a7e0d72be3a2d61f0ef95
	Boiko, Yu.I. , Klinchuk, Yu.I., Sukhomlin, V.P.	Nonisothermal sintering for copper oxide powder pressings (1991) Soviet Powder Metallurgy and Metal Ceramics, 30 (5), pp. 364-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026242324&doi=10.1007%2BF00793658&partnerID=40&md5=53d98a3f6bc9a208051318e104841bd3
	Boiko, Y. , Jaeger, H., Aslan, M., Schulze, K., Petzow, G.	Elastic twins in YBa ₂ Cu ₃ O ₇ crystals (1991) Materials Letters, 11 (5-7), pp. 207-211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026173399&doi=10.1016%2F0167-577X%2891%26990082-H&partnerID=40&md5=f547f6716484c0f35729069c25e92ef
	Arinkina, E.L., Boiko, Yu.I. , Gal'chinskaya, Yu.L., Klinchuk, Yu.I., Molodtsov, S.L., Chizhikova, I.T.	Effect of cryomechanical treatment on the sintering of molybdenum powder (1990) Soviet Powder Metallurgy and Metal Ceramics, 29 (4), pp. 271-274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249953169&doi=10.1007%2BF00797224&partnerID=40&md5=3fab6b6b238cdc4b966012da93711a28
	Boiko, Yu.I. , Gal'chinskaya, Yu.L., Klinchuk, Yu.I., Molodtsov, S.L., Chizhikova, I.T.	Sintering of copper powder subjected to cryomechanical treatment (1990) Soviet Powder Metallurgy and Metal Ceramics, 29 (2), pp. 106-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025461885&doi=10.1007%2BF00794531&partnerID=40&md5=ef84f2d0bedfa95623018d709ef3e3b8
	Boiko, Yu.I. , Klinchuk, Yu.I., Kuts, V.M., Chizhikova, I.T.	Activation of the sintering of ferromagnetic crystalline particles by an alternating magnetic field (1989) Soviet Powder Metallurgy and Metal Ceramics, 28 (12), pp. 921-924.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025429616&doi=10.1007%2BF00793873&partnerID=40&md5=e041edc860ad782219b99a315d1249c0
	Geguzin, Ya.E., Boiko, Yu.I. , Klinchuk, Yu.I.	Mechanism and kinetics of sintering of layered porous structures (1988) Soviet Powder Metallurgy and Metal Ceramics, 27 (5), pp. 351-355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024096649&doi=10.1007%2BF0079677&partnerID=40&md5=7950fa9d6014fcd1c005e5f5115cfd3f
	Boiko, Yu.I. , Geguzin, Ya.E., Kupina, I.N.	The "healing" of an isolated pore surrounded by a localized stress gradient field (1987) Soviet Powder Metallurgy and Metal Ceramics, 26 (5), pp. 363-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023343605&doi=10.1007%2BF00797059&partnerID=40&md5=320972625030b2bb5069761138e9e5c0
	Schatt, W., Boiko, Yu.I. , Scheibe, A., Friedrich, E.	ON THE PHYSICAL INTERPRETATION OF IVENSEN'S PHENOMENOLOGICAL SHRINKAGE EQUATION. (1987) Science of Sintering, 19 (1), pp. 3-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023168096&partnerID=40&md5=2ccce17a4cbd5c21a7992ff29420b686
	Geguzin, Ya.E., Boiko, Yu.I.	Experimental data on a size effect in the plastic self-indentation of solids in contact (1983) Soviet Powder Metallurgy and Metal Ceramics, 22 (6), pp. 439-441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020762498&doi=10.1007%2BF00793218&partnerID=40&md5=7491971c85d236b03746b1e6521239fc
	Boiko, Yu.I. , Emets, A.K., Klinchuk, Yu.I., Matsokin, V.P.	Relaxation of capillary stresses by twinning (1982) Soviet Powder Metallurgy and Metal Ceramics, 21 (6), pp. 506-510.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020140296&doi=10.1007%2BF00801767&partnerID=40&md5=a9c2d238f5e910fba5b0b3f5b7a07f
	Geguzin, Ya.E., Boiko, Yu.I.	Self-diffusion coefficients obtained in model sintering experiments (1982) Soviet Powder Metallurgy and Metal Ceramics, 21 (4), pp. 271-273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020112355&doi=10.1007%2BF00806758&partnerID=40&md5=39a4e2a453fd5c5ca2e6eeb50990b6f
	Boiko, Yu.I. , Geguzin, Ya.E., Klinchuk, Yu.I.	A photoelastic method of modeling the stress generated in the contact zone between particles during sintering (1982) Soviet Powder Metallurgy and Metal Ceramics, 21 (3), pp. 181-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020101257&doi=10.1007%2BF00791678&partnerID=40&md5=8ada61f6209ce26896793ba8d7ca5304
	Boiko, Yu.I. , Geguzin, Ya.E.	Model investigation of the dislocation mechanism of "active" sintering of crystalline solids (1981) Soviet Powder Metallurgy and Metal Ceramics, 20 (11), pp. 775-780.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019633594&doi=10.1007%2BF00796476&partnerID=40&md5=859245e06625be674e5c19ebdcfa57e4
	Boiko, Yu.I. , Klinchuk, Yu.I.	Dislocation mechanism of solid-phase electric-discharge sintering (1981) Soviet Powder Metallurgy and Metal Ceramics, 20 (3), pp. 189-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019537068&doi=10.1007%2BF00797600&partnerID=40&md5=4bc6bd838c3dbd058e5c82d116b17848
	Boiko, Yu.I. , Geguzin, Ya.E., Kononenko, V.G., Friedrich, E., Schatt, W.	Contact phenomena in a sphere-plane single - Crystal system (1980) Soviet Powder Metallurgy and Metal Ceramics, 19 (10), pp. 675-682.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019071377&doi=10.1007%2BF0079343&partnerID=40&md5=0e765f5623e68e2a9ccbb59a15ca4031

	Boiko, Yu.I.	Nondiffusional deformation of crystalline particles at a sphere-plane contact under the action of capillary forces (1977) Soviet Powder Metallurgy and Metal Ceramics, 16 (2), pp. 91-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017459210&doi=10.1007%2FBF00793779&partnerID=40&md5=c25ef7fb51614a8014d95933235de1a8
	Boiko, Yu.I., Lakhterman, R.B.	Stresses generated during the sintering of assemblages of real powder particles (1976) Soviet Powder Metallurgy and Metal Ceramics, 15 (8), pp. 607-610.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016987029&doi=10.1007%2FBF01159446&partnerID=40&md5=9f180fb504ea8c0f07fc0460b6bce019
103.	Korobov, A.	Planar discrete birth-growth Poisson-Voronoi tessellations with the von Neumann neighbourhood (2017) Journal of Statistical Mechanics: Theory and Experiment, 2017 (2), статья № 023404. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016010993&doi=10.1088%2F1742-5468%2faa5a29&partnerID=40&md5=0fbac2871aa0de5ab46487ae1bf8211
	Korobov, A.	Reversible Reshaping of Supported Metal Nanoislands Under Reaction Conditions in a Minimalistic Lattice Model (2016) Journal of Statistical Physics, 163 (3), pp. 576-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496120722&doi=10.1007%2F10955-016-1494-z&partnerID=40&md5=b7df91d4cfc0f966f7415dea09d8049
	Tkachenko, O., Panteleimonov, A., Padalko, I., Korobov, A. , Gushikem, Y., Kholin, Y.	Silica functionalized with 1-propyl-3-methylimidazolium chloride as an efficient adsorbent for the removal of Eosin Yellow and Reactive Blue 4 (2014) Chemical Engineering Journal, 254, pp. 324-332.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904623561&doi=10.1016%2Fj.ccej.2014.05.117&partnerID=40&md5=74f44657ee22766b527e55c684636940
	Korobov, A.	Scaling properties of planar discrete Poisson-Voronoi tessellations with von Neumann neighborhoods constructed according to the nucleation and growth mechanism (2014) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 89 (3), статья № 032405. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898987361&doi=10.1103%2FPhysRevE.89.032405&partnerID=40&md5=de9da574485e48ab97a158b994340a98
	Korobov, A.	Erratum: Scaling properties of the area distribution functions and kinetic curves of dense plane discrete Poisson-Voronoi tessellations (Physical Review E (2013) 87 (014401) DOI:10.1103/PhysRevE.87.014401) (2013) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 87 (2), статья № 029901. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873638765&doi=10.1103%2FPhysRevE.87.029901&partnerID=40&md5=b6821ea4cec8a7d5e340fcc559dae332
	Korobov, A.	Scaling properties of the area distribution functions and kinetic curves of dense plane discrete Poisson-Voronoi tessellations (2013) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 87 (1), статья № 014401. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872515873&doi=10.1103%2FPhysRevE.87.014401&partnerID=40&md5=37a8e3b564229a3a674ed87ddba779
	Korobov, A.	Properties of plane discrete Poisson-Voronoi tessellations on triangular tiling formed by the Kolmogorov-Johnson-Mehl-Avrami growth of triangular islands (2011) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 84 (2), статья № 021602. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051628935&doi=10.1103%2FPhysRevE.84.021602&partnerID=40&md5=87da06a3bdab94d5e5a86d36cc57f17
	Majda, D., Korobov, A. , Filek, U., Sulikowski, B., Midgley, P., Nicol, D.A., Klinowski, J.	Low-temperature thermal decomposition of crystalline partly and completely deuterated ammonium perchlorate (2011) Chemical Physics Letters, 504 (4-6), pp. 185-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952359522&doi=10.1016%2Fj.cplett.2011.01.069&partnerID=40&md5=932361beb9eb6450b09e2769bd760cdd
	Korobov, A.	Boundaries, kinetic properties, and final domain structure of plane discrete uniform Poisson-Voronoi tessellations with von Neumann neighborhoods (2009) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 79 (3), статья № 031607. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65249085525&doi=10.1103%2FPhysRevE.79.031607&partnerID=40&md5=47f1a7ed8729c5ec654cbe98d6402f5
	Majda, D., Korobov, A. , Filek, U., Sulikowski, B., Midgley, P., Vowles, D., Klinowski, J.	Low-temperature thermal decomposition of large single crystals of ammonium perchlorate (2008) Chemical Physics Letters, 454 (4-6), pp. 233-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40849129920&doi=10.1016%2Fj.cplett.2008.02.016&partnerID=40&md5=1366a4a40c6a6bd3e0416d9b782b7203
	Korobov, A.	Kolmogorov-Johnson-Mehl-Avrami kinetics in different metrics (2007) Physical Review B - Condensed Matter and Materials Physics, 76 (8), статья № 085430. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548232816&doi=10.1103%2FPhysRevB.76.085430&partnerID=40&md5=b90e79f9ea596774ac4ec0319c301b6d
	Korobov, A.	Simple chemical reactions in the solid state: Towards elaborating a conception (2005) Foundations of Chemistry, 7 (3), pp. 307-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-30044444510&doi=10.1007%2F10698-005-7326-x&partnerID=40&md5=13b796c85015c3af377af2ecde6c1933
	Korobov, A.I.	Simple discrete models of reactions in crystals (2004) Russian Journal of Physical Chemistry A, 78 (4), pp. 584-591.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342448411&partnerID=40&md5=55ae75c2accaef167c0df74396ff7822
	Korobov, A.I.	Simple discrete models of reactions in crystals (2004) Zhurnal Fizicheskoi Khimii, 78 (4), pp. 687-696.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942633702&partnerID=40&md5=108b18901437ec3fbc2102af72ac5c4d
	Korobov, A.	Experiment vs. theory in solid-state reaction kinetics: A discrete model for NH ₄ HCO ₃ thermal decomposition (2003) Journal of Thermal Analysis and Calorimetry, 74 (1), pp. 211-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242526816&doi=10.1023%2FA%3a1026394206895&partnerID=40&md5=f25909b80e302906dbf1ab4cfc6508d7
	Korobov, A.	Solid state reaction kinetics: Structure of the simplest rate-time curve in terms of random tessellations (1999) Journal of Mathematical Chemistry, 25 (4), pp. 365-382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033236516&partnerID=40&md5=a9859a106bf7178be332a237094920a
	Korobov, A.	Geometrical probabilities in heterogeneous kinetics: 60 Years of side by side development (1998) Journal of Mathematical Chemistry, 24 (1-3), pp. 261-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032352947&partnerID=40&md5=54bd3be5b03d75434ea39a82542d5409
	Korobov, A.	Solid-phase reaction kinetics: towards deeper insight through a discrete description (1996) Heterogeneous Chemistry Reviews, 3 (4), pp. 477-497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009388021&partnerID=40&md5=9fec7ed9adbc92175c15ce8f1e78038
	Korobov, A.	Heterogeneous chemical kinetics in two dimensions: Two ways of discrete description (1996) Thermochimica Acta, 279 (1-2), pp. 191-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038877885&partnerID=40&md5=508862c612073971da8345c0cb41edc8
	Korobov, A.	The concept of the individual chemical for reacting Berthollide compounds: The loss of certainty (1996) Journal of Chemical Information and Computer Sciences, 36 (3), pp. 393-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3743137238&partnerID=40&md5=7aad75e7687ed9e5275dde8fa0f1fb25
	Korobov, A.	Convexity requirement in the geometric-probabilistic approach to heterogeneous chemical kinetics (1996) Journal of Thermal Analysis, 46 (1), pp. 49-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040084877&partnerID=40&md5=79d24238b072b2d6940874cc992c697b
	Korobov, A.	Phenomenology of phase transitions in describing the solid-phase reaction kinetics (1995) Thermochimica Acta, 266 (C), pp. 309-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58149321853&doi=10.1016%2F0040-6031%2895%2902336-4&partnerID=40&md5=39d1755843e437406dea26b4a9543ca7
	Korobov, A.	Heterogeneous chemical kinetics: A two-dimensional insight into sigmoid α -t curve (1995) Journal of Mathematical Chemistry, 17 (3), pp. 323-333.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009381226&doi=10.1007%2FBF01165752&partnerID=40&md5=cf30cf58783a22ffe317d3752fb1f91
	Korobov, A.	Localization phenomena in heterogeneous chemical kinetics with respect to a geometric-probabilistic description (1995) Thermochimica Acta, 254 (C), pp. 1-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040666928&doi=10.1016%2F0040-6031%2894%29202110-A&partnerID=40&md5=6ae2f0aabb1ccd307a5eb272e94b3a08
	Korobov, A.	Solid-phase reaction kinetics - Meaningful kinetic constants vs. formal parameters (1995) Journal of Thermal Analysis, 44 (1), pp. 187-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029209708&doi=10.1007%2FBF02547147&partnerID=40&md5=aa835b7c3726350a3925d01df9810872
	Korobov, A.	A geometric-probabilistic approach to heterogeneous chemical kinetics with respect to the IKP ambiguity (1994) Thermochimica Acta, 243 (1), pp. 79-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009452476&doi=10.1016%2F0040-6031%2894%2985041-0&partnerID=40&md5=3c608ce2166d041798dec711759d1e52
	Korobov, A.	Reactivity of solids: two-dimensional approach to formal representation (1994) Solid State Ionics, 68 (3-4), pp. 221-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-002384379&doi=10.1016%2F0167-2738%2894%2990179-1&partnerID=40&md5=2dd4494f5fdad36b198b8ed75747134

	Korobov, A.	Solid-phase reaction kinetics meaningful simulation vs. formal approximation (1993) Journal of thermal analysis, 39 (11-12), pp. 1451-1458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027695801&partnerID=40&md5=9c78e4d79630f48b41be5065bf50b00a
	Korobov, A.	The rate of a heterogeneous chemical reaction as a measure of the random marked-point process (1993) Thermochimica Acta, 224 (C), pp. 281-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039481619&doi=10.1016%2F0040-6031%2893%2980178-D&partnerID=40&md5=ea1142be9a9bdf0b0499c1d687fc619c
	Mchedlov-Petrosyan, O.P., Usherov-Marshak, A.V., Korobov, A.I.	Phenomenology of hydration of inorganic binders based on microcalorimetric kinetic data (1988) Journal of Thermal Analysis, 33 (3), pp. 955-959.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024122837&doi=10.1007%2F02138615&partnerID=40&md5=f3a4e375175e30a8954122b2057c8e19
104.	Obukhova, E.N., Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Patsenker, L.D., Doroshenko, A.O., Marynin, A.I., Krasovitskii, B.M.	Absorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate (2017) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 170, pp. 138-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&doi=10.1016%2Fj.saa.2016.07.002&partnerID=40&md5=601ee444ba0ee00c1c50b9a3b2a0ffc9
	Mchedlov-Petrosyan, N.O., Chepesh, T.A., Vodolazkaya, N.A.	Acid-base dissociation and tautomerism of two aminofluorescein dyes in solution (2017) Journal of Molecular Liquids, 225, pp. 696-705.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&doi=10.1016%2Fj.molliq.2016.10.121&partnerID=40&md5=ed2ac7745cc758f31c701c307cb15945
	Despas, C., Vodolazkaya, N.A. , Ghanbaja, J., Walcarius, A.	Preparation of ordered and oriented mesoporous silica thin films bearing octyl or hexadecyl groups by electrochemically assisted self-assembly and evaluation of their transport properties (2015) Journal of Solid State Electrochemistry, 19 (7), pp. 2075-2085.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934435178&doi=10.1007%2F01008-014-2726-2&partnerID=40&md5=d7e2c05719b370d3cc35a347164a94fd
	Herzog, G., Vodolazkaya, N.A. , Walcarius, A.	Platinum ultramicroelectrodes modified with electrogenerated surfactant-templated mesoporous organosilica films: Effect of film formation conditions on its performance in preconcentration electroanalysis (2013) Electroanalysis, 25 (12), pp. 2595-2603.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84889567430&doi=10.1002%2Felan.201300415&partnerID=40&md5=340dc688065810cce38964417d8404e7
	Vodolazkaya, N.A. , Kleshchevnikova, Y.A., Mchedlov-Petrosyan, N.O.	Differentiating impact of the AOT-stabilized droplets of water-in-octane microemulsions as examined using halogenated fluoresceins as molecular probes (2013) Journal of Molecular Liquids, 187, pp. 381-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886597895&doi=10.1016%2Fj.molliq.2013.08.018&partnerID=40&md5=0bfe923398c70dd7183826c8de4e1d7
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Kamneva, N.N.	Acid-Base equilibrium in aqueous micellar solutions of surfactants (2013) Micelles: Structural Biochemistry, Formation and Functions and Usage, pp. 1-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&partnerID=40&md5=d114310038b38cb4b8afe324db883b
	Vodolazkaya, N.A. , Despas, C., Lebeau, B., Marichal, C., Walcarius, A.	One pot synthesis of ordered mesoporous organosilica particles bearing propyl-, octyl- and hexadecyl-chains (2012) Journal of Sol-Gel Science and Technology, 63 (3), pp. 587-594.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875426632&doi=10.1007%2F010971-012-2816-5&partnerID=40&md5=2606017e4c2436add0ec82fd4357fef
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Rodik, R.V., Bogdanova, L.N., Chepesh, T.A., Soboleva, O.Y., Kryshal, A.P., Kutuzova, L.V., Kalchenko, V.I.	Colloidal nature of cationic calix[6]arene aqueous solutions (2012) Journal of Physical Chemistry C, 116 (18), pp. 10245-10259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&doi=10.1021%2Fjp210405s&partnerID=40&md5=dd98c6515df18bc5b3aca5916d75edde
	Vodolazkaya, N.A. , Mchedlov-Petrosyan, N.O., Bryleva, E.Y., Biletskaya, S.V., Schrinner, M., Kutuzova, L.V., Ballauf, M.	The binding ability and solvation properties of cationic spherical polyelectrolyte brushes as studied using acid-base and solvatochromic indicators (2010) Functional Materials, 17 (4), pp. 470-476.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861091734&partnerID=40&md5=e81da300936a021f70c4409114ab0821
	Vodolazkaya, N.A. , Mchedlov-Petrosyan, N.O., Salamanova, N.V., Surov, Y.N., Doroshenko, A.O.	Molecular spectroscopy studies of solvent properties of dispersed 'water pools': Fluorescein and 2,7-dichlorofluorescein in reversed AOT-based microemulsions (2010) Journal of Molecular Liquids, 157 (2-3), pp. 105-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249253947&doi=10.1016%2Fj.molliq.2010.08.013&partnerID=40&md5=2538f3d6ee34b282b171f215482a2c07
	Bogdanova, L.N., Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Lebed, A.V.	The influence of β -cyclodextrin on acid-base and tautomeric equilibrium of fluorescein dyes in aqueous solution (2010) Carbohydrate Research, 345 (13), pp. 1882-1890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955921191&doi=10.1016%2Fj.carres.2010.07.002&partnerID=40&md5=379ca809295a5596f7c4892aac0fc077
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Gurina, Y.A., Sun, W.-C., Gee, K.R.	Medium effects on the prototropic equilibria of fluorescein fluoro derivatives in true and organized solution (2010) Journal of Physical Chemistry B, 114 (13), pp. 4551-4564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950557361&doi=10.1021%2Fjp909854s&partnerID=40&md5=479b726c82981e267cfee6e690b2485
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Salamanova, N.V., Roshal, A.D., Filatov, D.Yu.	In search for the "phenolate" monoanion of fluorescein in solution (2010) Chemistry Letters, 39 (1), pp. 30-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76149111168&doi=10.1246%2Fcl.2010.30&partnerID=40&md5=7e8dd704afa05c8ce105af9c933cea2
	Vodolazkaya, N.A. , Shakhova, P.V., Mchedlov-Petrosyan, N.O.	Acid-base and tautomeric equilibria of fluorescein dyes in water micellar solutions of zwitterionic sulfobetaine surfactant (2009) Russian Journal of General Chemistry, 79 (7), pp. 1437-1445.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349635813&doi=10.1134%2F01070363209070068&partnerID=40&md5=ce1db21748886639f2b9eb5f1c5c137
	Vodolazkaya, N.A. , Gurina, Y.A., Salamanova, N.V., Mchedlov-Petrosyan, N.O.	Spectroscopic study of acid-base ionization and tautomerism of fluorescein dyes in direct microemulsions at high bulk ionic strength (2009) Journal of Molecular Liquids, 145 (3), pp. 188-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349097203&doi=10.1016%2Fj.molliq.2008.11.007&partnerID=40&md5=dc93c78b09c758b45c2871404d7e5f63
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Vilkova, L.N., Soboleva, O.Yu., Kutuzova, L.V., Rodik, R.V., Miroshnichenko, S.I., Drapalyo, A.B.	The influence of cationic tetrapropoxycalix[4]arene choline on protolytic equilibria of acid-base indicators in aqueous solutions (2009) Journal of Molecular Liquids, 145 (3), pp. 197-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349088069&doi=10.1016%2Fj.molliq.2008.02.009&partnerID=40&md5=b4320df5a816046939f04205105c38d5
	Mchedlov-Petrosyan, N.O., Bryleva, E.Yu., Vodolazkaya, N.A. , Dissanayake, A.A., Ford, W.T.	Nature of cationic poly(propyleneimine) dendrimers in aqueous solutions as studied using versatile indicator dyes (2008) Langmuir, 24 (11), pp. 5689-5699.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45749141377&doi=10.1021%2F0800443q&partnerID=40&md5=e2b07628fde8287bae982a257cd809d2
	Bezkravna, O.N., Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Alekseeva, V.I., Savvina, L.P., Yakubovskaya, A.G.	Polymeric Langmuir-Blodgett films containing xanthene dyes (2008) Russian Journal of Applied Chemistry, 81 (4), pp. 696-703.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44349112832&doi=10.1134%2F0107427208040253&partnerID=40&md5=85934bcc1dc6c9135204e1404460387
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Bezkravna, O.N., Yakubovskaya, A.G., Tolmachev, A.V., Grigorovich, A.V.	Fluorescent dye N,N'-dioctadecylrhodamine as a new interfacial acid-base indicator (2008) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 69 (4), pp. 1125-1129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40749120307&doi=10.1016%2Fj.saa.2007.06.011&partnerID=40&md5=338ecf9ebf2a05f43855b640f5f30e9e
	Bryleva, E.Yu., Vodolazkaya, N.A. , Mchedlov-Petrosyan, N.O., Samokhina, L.V., Matveevskaya, N.A., Tolmachev, A.V.	Interfacial properties of cetyltrimethylammonium-coated SiO ₂ nanoparticles in aqueous media as studied by using different indicator dyes (2007) Journal of Colloid and Interface Science, 316 (2), pp. 712-722.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35649017171&doi=10.1016%2Fj.jcis.2007.07.036&partnerID=40&md5=faf637e37d90cf5d3473d5e7ca340d4c
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Yakubovskaya, A.G., Grigorovich, A.V., Alekseeva, V.I., Savvina, L.P.	A novel probe for determination of electrical surface potential of surfactant micelles: N,N'-di-n-octadecylrhodamine (2007) Journal of Physical Organic Chemistry, 20 (5), pp. 332-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249692410&doi=10.1002%2Fjoc.1150&partnerID=40&md5=5e3a343a33cd706ab0dea5639239be9a
	Mchedlov-Petrosyan, N.O., Vilkova, L.N., Vodolazkaya, N.A. , Yakubovskaya, A.G., Rodik, R.V., Boyko, V.I., Kalchenko, V.I.	The nature of aqueous solutions of a cationic calix[4]arene: A comparative study of dye-calixarene and dye-surfactant interactions (2006) Sensors, 6 (8), pp. 962-977.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248179545&partnerID=40&md5=e1a37410bb454ef369c97336a6e14bae
	Mchedlov-Petrosyan, N.O., Salamanova, N.V., Vodolazkaya, N.A. , Gurina, Y.A., Borodenko, V.I.	A dibasic acid with reversed order of the stepwise ionization constants: 2,7-dichlorofluorescein in the ternary solvent mixture benzene-ethanol-water (2006) Journal of Physical Organic Chemistry, 19 (6), pp. 365-375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747128526&doi=10.1002%2Fjoc.1087&partnerID=40&md5=5973f13b7dc9e88a418cf97544db883
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Surov, Y.N., Samoylov, D.V.	2,4,5,7-Tetranitrofluorescein in solutions: Novel type of tautomerism in hydroxyxanthene series as detected by various spectral methods (2005) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 61 (11-12), pp. 2747-2760.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22844451625&doi=10.1016%2Fj.saa.2004.09.030&partnerID=40&md5=d02ce1d1eef0734e22be02636e180f0
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Kornienko, A.A., Karyakina, E.L., Reichardt, C.	Counterion-induced transformations of cationic surfactant micelles studied by using the displacing effect of solvatochromic pyridinium N-phenolate betaine dyes (2005) Langmuir, 21 (16), pp. 7090-7096.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23844485325&doi=10.1021%2F0401361&partnerID=40&md5=859fd4d93341c025b6c100646da0272d
	Vodolazkaya, N.A. , Mchedlov-Petrosyan, N.O., Heckenkemper, G., Reichardt, C.	A new solvatochromic/acid-base indicator for surfactant micellar media: Hydrophilic 3-pyridyl substituted pyridinium N-phenolate betaine dye (2003) Journal of Molecular Liquids, 107 (1-3), pp. 221-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042123854&doi=10.1016%2F0167-7322%2803%2900151-X&partnerID=40&md5=a10299afdf777d7243ab40e9ac2236b3

	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Doroshenko, A.O.	Ionic Equilibria of Fluorophores in Organized Solutions: The Influence of Micellar Microenvironment on Protolytic and Photophysical Properties of Rhodamine B (2003) Journal of Fluorescence, 13 (3), pp. 235-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346460135&doi=10.1023%2FA93a1025089916356&partnerID=40&md5=5d208d5c7b551597bd7c9922eb287384
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Reichardt, C.	Unusual findings on studying surfactant solutions: Displacing solvatochromic pyridinium N-phenolate towards outlying areas of rod-like micelles? (2002) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 205 (3), pp. 215-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037166708&doi=10.1016%2FS0927-7757%2802%2900022-5&partnerID=40&md5=e34bc17c76eb79ee09f74b8fc2af710
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A. , Martynova, V.P., Samoilov, D.V., El'tsov, A.V.	Protolytic properties of thiofluorescein and its derivatives (2002) Russian Journal of General Chemistry, 72 (5), pp. 785-792.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036340949&doi=10.1023%2FA93a1019524722318&partnerID=40&md5=3d3972ad16427a54dd37c01938f5e2a9
	Mchedlov-Petrosyan, N.O., Timiy, A.V., Vodolazkaya, N.A.	Binding of sulfonophthalein anions to the micelles of an anionic surfactant (2000) Journal of Molecular Liquids, 87 (1), pp. 75-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034249701&doi=10.1016%2FS0167-7322%2800%2900131-8&partnerID=40&md5=1fad65f4eac3e1949c5cac76efbaa67
105.	Afanasieva, I.A., Bobkov, V.V., Gritsyna, V.V. , Oksenyuk, I.I., Shevchenko, D.I.	Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions (2017) Journal of Surface Investigation, 11 (1), pp. 146-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015392126&doi=10.1134%2FS1027451017010037&partnerID=40&md5=564da2dad9b866acaf84bd654b87f0
	Bobkov, V.V., Gritsyna, V.V. , Gritsyna, V.T., Afanasieva, I.A., Shevchenko, D.I.	Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment (2016) Journal of Surface Investigation, 10 (6), pp. 1239-1265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002496900&doi=10.1134%2FS1027451016050694&partnerID=40&md5=1b1ff1bc8204b847e46ab9c952032583
	Afanas'eva, I.A., Bobkov, V.V., Gritsyna, V.V. , Okseniuk, I.I., Shevchenko, D.I., Zelenina, I.S.	On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet (2016) Vacuum, 129, pp. 148-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961938164&doi=10.1016%2Fj.vacuum.2016.03.014&partnerID=40&md5=f1d2f862d2db29b11a247ca5902464e0
	Azarenkov, N.A., Afanas'Eva, I.A., Bobkov, V.V., Gritsyna, V.V. , Gritsyna, V.T., Peretyatko, A.A., Ryzhov, D.A., Shevchenko, D.I.	Ion-photon emission under ion bombardment of garnet structures of different composition (2014) Vacuum, 105, pp. 91-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899929473&doi=10.1016%2Fj.vacuum.2013.10.022&partnerID=40&md5=14224d7305b49667dd5b035e4dcf056f
	Afanas'eva, I.A., Bobkov, V.V., Gritsyna, V.V. , Ryzhov, D.A., Shevchenko, D.I.	Effect of modification sapphire surface under ion irradiation on the excited particles yield (2013) Problems of Atomic Science and Technology, 87 (5), pp. 33-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885820585&partnerID=40&md5=417e50a3967d2cda402b46420f827cd
	Afanas'eva, I.A., Bobkov, V.V., Gritsyna, V.V. , Kozhevina, L.A., Shevchenko, D.I.	Ion-photon emission of metal-containing organic dyes (2012) Journal of Surface Investigation, 6 (4), pp. 664-667.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865480287&doi=10.1134%2FS1027451012080058&partnerID=40&md5=71f53be4ad9821dd0002c55097697581
	Bobkov, V.V., Afanas'Eva, I.A., Gritsyna, V.V. , Gritsyna, V.T., Ryzhov, D.A., Shevchenko, D.I.	Characteristic features of ion-photon emission from yttrium-iron garnets (2012) Vacuum, 86 (10), pp. 1624-1629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861618072&doi=10.1016%2Fj.vacuum.2011.12.011&partnerID=40&md5=2ab9038d58c43d9ef5d17de7199be6e1
	Afanas'eva, I.A., Bobkov, V.V., Gritsyna, V.V. , Shevchenko, D.I.	Investigation of organic systems by ion-photon spectroscopy (2011) Quantum Electronics, 41 (6), pp. 564-567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960190377&doi=10.1070%2FQE2011v041n06ABEH014643&partnerID=40&md5=fd7453ac15dcbed1c3589f6842240fa9
	Alimov, S.S., Afanas'eva, I.A., Bobkov, V.V., Gokov, S.P., Gritsyna, V.V. , Shevchenko, D.I.	Ion-photon spectrometry study of the organic dye-lipid system (2011) Ukrainian Journal of Physics, 56 (3), pp. 211-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953671197&partnerID=40&md5=8650491ba628e0eb748103841f88f70f
	Afanas'eva, I.A., Bobkov, V.V., Gokov, S.P., Gritsyna, V.V. , Kovtun, K.V., Trembach, O.V., Shevchenko, D.I.	Effect of phase on the formation of excited particles under ion bombardment of Fe-Co alloys (2010) Vacuum, 84 (8), pp. 1011-1013.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649236838&doi=10.1016%2Fj.vacuum.2009.12.011&partnerID=40&md5=a10b85de7307d917dc9149b671d7eb6b
	Afanas'eva, I.A., Bobkov, V.V., Gokov, S.P., Gritsyna, V.V. , Sukhostavets, O.V., Shevchenko, D.I.	Formation of excited particles under ion bombardment of organic dyes (2010) Ukrainian Journal of Physics, 55 (2), pp. 181-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7764923801&partnerID=40&md5=477541c10d6b74591114fa399ee9f225
	Gritsyna, V.T., Bobkov, V.V., Gokov, S.P., Gritsyna, V.V. , Shevchenko, D.I.	Effects of argon-ion bombardment on the properties of the surface layer in spinel crystals of different composition (2008) Vacuum, 82 (9), pp. 888-894.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41949122046&doi=10.1016%2Fj.vacuum.2007.12.002&partnerID=40&md5=ae53bc66bde6dc028ef793269c38a597
	Bobkov, V.V., Gokov, S.P., Gritsyna, V.V. , Gritsyna, V.T., Shevchenko, D.I., Alimov, S.S.	Mechanisms of formation of sputtered particles in excited states at Ar ⁺ ion bombardment of oxide targets (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 501-505.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947108301&doi=10.1016%2Fj.nimb.2006.12.049&partnerID=40&md5=12a7fd2652ce522fcd31a1c72d6c997
	Bobkov, V.V., Gokov, S.P., Gritsyna, V.V. , Gritsyna, V.T., Shevchenko, D.I.	Effect of oxide band structure on the emission process of excited atoms under ion bombardment (2004) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 218 (1-4), pp. 46-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342634496&doi=10.1016%2Fj.nimb.2003.12.013&partnerID=40&md5=b91e908690bc3d0cabed4a4975566290
	Gritsyna, V.V. , Koval, A.G., Gokov, S.P., Shevchenko, D.I.	Spectroscopy of excited particles sputtered by ion bombardment of Zn, Cd, and chemical compounds of these metals (2004) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 96 (3), pp. 398-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442558391&doi=10.1134%2F1.1690032&partnerID=40&md5=b030e5ac946f0db8f15215439c2a9b05
	Gokov, S.P., Gritsyna, V.V. , Koval', A.G., Kovtunencko, Yu.I., Shevchenko, D.I.	Computer modeling of the spatial distribution of optical radiation arising from knocked-out excited particles (2004) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (5), pp. 52-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942679816&partnerID=40&md5=efb8266d92859943041d7ef2b7caa377
	Shevchenko, D.I., Gokov, S.P., Slusarenko, T.M., Gritsyna, V.V. , Koval, A.G.	Investigation of ion-photon emission of different concentration Cu-Ni alloys (2002) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 66 (1), pp. 112-117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749087259&partnerID=40&md5=d5e53fdebd595f63137d14476f6056f
	Gritsyna, V.V. , Koval, A.G., Gokov, S.P., Shevchenko, D.I.	Comparison of main characteristics of ion-photon emission from transition and non-transition metals and their compounds (2000) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 64 (4), pp. 698-701.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19044364076&partnerID=40&md5=84e4a321c5cc55244bedaa785ed7aa8b
	Gritsyna, V.V. , Koval, A.G., Gokov, V.P., Shevchenko, D.I.	Investigation of mine characteristics of metals ion stimulated photon emission (1998) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 62 (4), pp. 829-835.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750856855&partnerID=40&md5=25d7410991e9da9a9af6372b135a7944
	Gritsyna, V.V. , Kiyan, T.S., Koval, A.G.	Study of processes taking place in the interaction of coherent radiation with multicomponent gaseous media (1996) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 81 (5), pp. 654-658.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17544364272&partnerID=40&md5=399dd040fcc2a8fa6ece4a5b44ff505f
	Gritsyna, V.V. , Koval, A.G., Koppe, V.T., Gokov, S.P.	Emission of excited particles ejected from the surface of a copper target during ion bombardment (1995) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 78 (2), pp. 187-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029255959&partnerID=40&md5=c6cb08de73f035c82ab62939f3d7821
	Gritsyna, V.V.	ELECTROMAGNETIC RADIATION OF THE PARTICLES EJECTED FROM THE SURFACE OF ION-BOMBARDED SOLID TARGETS. (1981) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 26 (9), pp. 118-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019611836&partnerID=40&md5=f1cb207e4d540ee5f93a51d459c4a9
	Kijan, T.S., Gritsyna, V.V. , Fogel', Ya.M.	Influence of the radiationless transitions on an intensity of the optical radiation emitted by excited atoms ejected from solids by an ion beam (1978) Zeitschrift für Physik A: Atoms and Nuclei, 285 (3), pp. 257-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250285386&doi=10.1007%2FBF01408237&partnerID=40&md5=67caefdb6de978810aef70986577f48f
	Kiyan, T.S., Gritsyna, V.V. , Fogel', Ya.M.	On the spectrum emitted by excited particles ejected from the surface of a calcium target by a beam of Ar ⁺ ions (1976) Nuclear Instruments and Methods, 132 (C), pp. 435-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947133364&doi=10.1016%2F0029-554X%2876%2990771-0&partnerID=40&md5=0d0abe9a24a64a2ee3a805a78c14a65a
	Kiyan, T.S., Gritsyna, V.V. , Fogel', Ya.M.	On the continuous spectrum emitted by particles ejected from the surface of solid targets by an ion beam (1976) Nuclear Instruments and Methods, 132 (C), pp. 415-417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49549128899&doi=10.1016%2F0029-554X%2876%2990768-0&partnerID=40&md5=e4d54ced65f02df26b4e32073ae648de
	Kiyan, T.S., Gritsyna, V.V. , Fogel', Ya.M.	ON THE CONTINUOUS SPECTRUM EMITTED BY PARTICLES EJECTED FROM THE SURFACE OF SOLID TARGETS BY AN ION BEAM. (1975) Nucl Instrum Methods, 132, pp. 415-417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016409615&partnerID=40&md5=41cb51319a6e6d5e309e2e99ef22a37

	Kiyan, T.S., Gritsyna, V.V. , Fogel', Ya.M.	ON THE SPECTRUM EMITTED BY EXCITED PARTICLES EJECTED FROM THE SURFACE OF A CALCIUM TARGET BY A BEAM OF Ar ¹⁶⁺ plus IONS. (1975) Nucl Instrum Methods, 132, pp. 435-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016409703&partnerID=40&md5=db5307acaf3022fe6a623dc77aed5101
	Gritsyna, V.V. , Kijan, T.S., Koval, A.G., Fogel, Ya.M.	On the emission band spectrum of the Ne ₂ molecule in the visible and near infrared spectral region (1974) Optics Communications, 10 (4), pp. 320-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49549150832&doi=10.1016%2f0030-4018%2874%2990354-X&partnerID=40&md5=80fe04f283135cc9f4ca9d968972922a
	Gritsyna, V.V. , Kijan, T.S., Koval', A.G., Fogel', Ja.M.	Luminescence of particles produced in the process of scattering of hydrogen ions at the surface of metallic targets (1968) Physics Letters A, 27 (5), pp. 292-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142190708&partnerID=40&md5=9a2905773aef8fc2ce2b6eedf4a8ae67
106.	Balanovsky, O., Chukhryaeva, M., Zaporozhchenko, V., Urasin, V., Zhabagin, M., Hovhannisyanyan, A., Agdzhoian, A., Dibirova, K., Kuznetsova, M., Koshel, S., Pocheshkhova, E., Alborova, I., Skhalyakho, R., Utevska, O. , The Genographic Consortium, Mustafin, K., Yepiskoposyan, L., Tyler-Smith, C., Balanovska, E.	Genetic differentiation between upland and lowland populations shapes the Y-chromosomal landscape of West Asia (2017) Human Genetics, 136 (4), pp. 437-450.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014586769&doi=10.1007%2f00439-017-1770-2&partnerID=40&md5=09511b3c34ff1bd47cf721a563450a76
	Chukhryaeva, M.I., Pavlova, E.S., Napolskich, V.V., Garin, E.V., Klopov, A.S., Temnyatkin, S.N., Zaporozhchenko, V.V., Romanov, A.G., Agdzhoian, A.T., Utevska, O.M. , Markina, N.V., Koshel, S.M., Balanovsky, O.P., Balanovska, E.V.	Is there a Finno-Ugric component in the gene pool of Russians from Yaroslavl oblast? Evidence from Y-chromosome (2017) Russian Journal of Genetics, 53 (3), pp. 388-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017255238&doi=10.1134%2fS1022795417030048&partnerID=40&md5=e6e16e689544eebc023b15f41a7d5e6
	Balanovska, E.V., Zhabagin, M.K., Agdzhoian, A.T., Chukhryaeva, M.I., Markina, N.V., Balaganskaya, O.A., Skhalyakho, R.A., Yusupov, Y.M., Utevska, O.M. , Bogunov, Y.V., Asilguzhin, R.R., Dolinina, D.O., Kagazezheva, Z.A., Damba, L.D., Zaporozhchenko, V.V., Romanov, A.G., Dibirova, K.D., Kuznetsova, M.A., Lavryashina, M.B., Pocheshkhova, E.A., Balanovsky, O.P.	Population biobanks: Organizational models and prospects of application in gene geography and personalized medicine (2016) Russian Journal of Genetics, 52 (12), pp. 1227-1243.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007043669&doi=10.1134%2fS1022795416120024&partnerID=40&md5=14d8c430fd321acb1f5bbf291389d979
	Darabi-Darestani, K., Sari, A., Utevska, O. , Utevska, S.Y.	Coloration pattern in populations of the eastern medicinal leech, <i>Hirudo orientalis</i> Utevska & Trontelj, 2005 (Clitellata, Hirudinida): geographical distribution and life history (2016) Zoomorphology, 135 (3), pp. 291-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968542344&doi=10.1007%2f00435-016-0316-9&partnerID=40&md5=86ec3a04f7480eb37913b7af47d472eb
	Ilumäe, A.-M., Reidla, M., Chukhryaeva, M., Järve, M., Post, H., Karmin, M., Saag, L., Agdzhoian, A., Kushniarevich, A., Litvinov, S., Ekomasova, N., Tambets, K., Metspalu, E., Khusainova, R., Yunusbayev, B., Khusnutdinova, E.K., Osipova, L.P., Fedorova, S., Utevska, O. , Koshel, S., Balanovska, E., Behar, D.M., Balanovsky, O., Kivisild, T., Underhill, P.A., Villems, R., Rootsi, S.	Human Y Chromosome Haplogroup N: A Non-trivial Time-Resolved Phylogeography that Cuts across Language Families (2016) American Journal of Human Genetics, 99 (1), pp. 163-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989849271&doi=10.1016%2fj.ajhg.2016.05.025&partnerID=40&md5=b7371db47b49eea5b7c1f6a8be69f889
	Pagani, L., Lawson, D.J., Jagoda, E., Mörsberg, A., Eriksson, A., Mitt, M., Clemente, F., Hudjashov, G., Degiorgio, M., Saag, L., Wall, J.D., Cardona, A., Mägi, R., Sayres, M.A.W., Kaewert, S., Inchley, C., Scheib, C.L., Järve, M., Karmin, M., Jacobs, G.S., Antao, T., Iliescu, F.M., Kushniarevich, A., Ayub, Q., Tyler-Smith, C., Xue, Y., Yunusbayev, B., Tambets, K., Mallick, C.B., Pocheshkhova, E., Andriadze, G., Muller, C., Westaway, M.C., Lambert, D.M., Zoraqi, G., Turdikulova, S., Dalimova, D., Sabitov, Z., Sultana, G.N.N., Lachance, J., Tishkoff, S., Momynaliev, K., Isakova, J., Damba, L.D., Gubina, M., Nymadawa, P., Evseeva, I., Atramentova, L., Utevska, O. , Ricaut, F.-X., Brucato, N., Sudoyo, H., Letellier, T., Cox, M.P., Cox, M.P., Barashkov, N.A., Mulahasanović, L., Mulahasanović, L., Primorac, D., Mormina, M., Eichstaedt, C.A., Eichstaedt, C.A., Lichman, D.V., Chaubey, G., Wee, J.T.S., Mihailov, E., Karunas, A., Litvinov, S., Litvinov, S., Ekomasova, N., Akhmetova, V., Khidiyatova, I., Khidiyatova, I., Yepiskoposyan, L., Behar, D.M., Balanovska, E., Metspalu, A., Derenko, M.,	Genomic analyses inform on migration events during the peopling of Eurasia (2016) Nature, 538 (7624), pp. 238-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981502573&doi=10.1038%2fnature19792&partnerID=40&md5=dba8db21596c97b27f71e4c9db2c9a722
	Chukhryaeva, M.I., Ivanov, I.O., Frolova, S.A., Koshel, S.M., Utevska, O.M. , Skhalyakho, R.A., Agdzhoian, A.T., Bogunov, Y.V., Balanovska, E.V., Balanovsky, O.P.	The haplomatch program for comparing Y-chromosome STR-haplotypes and its application to the analysis of the origin of Don Cossacks (2016) Russian Journal of Genetics, 52 (5), pp. 521-529.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973861981&doi=10.1134%2fS1022795416050045&partnerID=40&md5=04540571c50d815361eac019990f5b0

Kushniarevich, A., Utevska, O., Chuhryaeva, M., Agdzhoian, A., Dibirova, K., Uktvertye, I., Möls, M., Mulahasanovic, L., Pshenichnov, A., Frolova, S., Shanko, A., Metspalu, E., Reidla, M., Tambets, K., Tamm, E., Koshel, S., Zaporozhchenko, V., Atramentova, L., Kučinskas, V., Davydenko, O., Goncharova, O., Evseeva, I., Churnosov, M., Pocheshchova, E., Yunusbayev, B., Khusnutdinova, E., Marjanović, D., Rudan, P., Rootsi, S., Yankovsky, N., Endicott, P., Kassian, A., Dybo, A., Tyler-Smith, C., Balanovska, E., Metspalu, M., Kivisild, T., Villems, R., Balanovsky, O., Jin, L., Li, H., Li, S., Swamikrishnan, P., Javed, A., Parida, L., Royyuru, A.K., Mitchell, R.J., Zalloua, P.A., Adhikarla, S., Kumar, A., Prasad, G., Pitchappan, R., Santhakumari, A.V., Wells, R.S., Vilar, M.G., Soodyall, H., Lacerda, D.R., Santos, F.R., Bertranpetit, J., Haber, M., Melé, M., Adler, C.J., Cooper, A., Der Sarkissian, C.S.I., Haak, W., Kaplan, M.E., Merchant, N.C., Renfrew, C., Clarke, A.C., Matisoo-Smith, E.A., Gaieski, J.B., Owings, A.C., Schurr, T.G.	Genetic heritage of the balto-slavic speaking populations: A synthesis of autosomal, mitochondrial and Y-chromosomal data (2015) PLoS ONE, 10 (9), статья № e0135820, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947461238&doi=10.1371%2fjournal.pone.0135820&partnerID=40&md5=ddc9dfc11fe804fd933719f71bddaa05
Utevska, O.M., Pshenichnov, A.S., Dibirova, K.D., Rootsi, S., Agdzhoian, A.T., Churnosov, M.I., Balanovska, E.V., Atramentova, L.A., Balanovsky, O.P.	Gene pool similarities and differences between Ukrainians and Russians of Slobozhanshchina based on Y-chromosome data (2015) Cytology and Genetics, 49 (4), pp. 245-253.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938486170&doi=10.3103%2fS0095452715040106&partnerID=40&md5=cc6672661303e338076ea4095d8984d2
Utevska, O.M., Pshenichnov, A.S., Dibirova, K.D., Rootsi, S., Agdzhoian, A.T., Churnosov, M.I., Balanovska, E.V., Atramentova, L.A., Balanovsky, O.P.	GENE POOL SIMILARITIES AND DIFFERENCES BETWEEN UKRAINIANS AND RUSSIANS OF SLOBOZHANSKINA ON Y-CHROMOSOME DATA (2015) Тітлогія і генетика, 49 (4), pp. 40-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952763285&partnerID=40&md5=e0d33bd5886bbb3ddfe3868279171e
Balanovsky, O., Zhabagin, M., Agdzhoian, A., Chukhryaeva, M., Zaporozhchenko, V., Utevska, O., Highnam, G., Sabitov, Z., Greenspan, E., Dibirova, K., Skhalyakho, R., Kuznetsova, M., Koshel, S., Yusupov, Y., Nymadawa, P., Zhumadilov, Z., Pocheshkhova, E., Haber, M., Zalloua, P.A., Yepiskoposyan, L., Dybo, A., Tyler-Smith, C., Balanovska, E.	Deep phylogenetic analysis of haplogroup G1 provides estimates of SNP and STR mutation rates on the human Y-chromosome and reveals migrations of iranic speakers (2015) PLoS ONE, 10 (4), статья № e0122968, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927537818&doi=10.1371%2fjournal.pone.0122968&partnerID=40&md5=23556e4ef652c98cdf029a53a7cf53e
Karmin, M., Saag, L., Vicente, M., Wilson Sayres, M.A., Järve, M., Talas, U.G., Rootsi, S., Ilumäe, A.-M., Mägi, R., Mitt, M., Pagani, L., Puurand, T., Faltyskova, Z., Clemente, F., Cardona, A., Metspalu, E., Sahakyan, H., Yunusbayev, B., Hudjashov, G., DeGiorgio, M., Loogväli, E.-L., Eichstaedt, C., Elmetts, M., Chaubey, G., Tambets, K., Litvinov, S., Mormina, M., Xue, Y., Ayub, Q., Zoraqi, G., Kornelissen, T.S., Akhatova, F., Lachance, J., Tishkoff, S., Momynaliev, K., Ricaut, F.-X., Kusuma, P., Razafindrazaka, H., Pierron, D., Cox, M.P., Sultana, G.N.N., Willerslev, R., Muller, C., Westaway, M., Lambert, D., Skaro, V., Kovačević, L., Turdikulova, S., Dalimova, D., Khusainova, R., Trofimova, N., Akhmetova, V., Khidiyatova, I., Lichman, D.V., Isakova, J., Pocheshkhova, E., Sabitov, Z., Barashkov, N.A., Nymadawa, P., Mihailov, E., Seng, J.W.T., Evseeva, I., Migliano, A.B., Abdullah, S., Andriade, G., Primorac, D., Atramentova, L., Utevska, O., Yepiskoposyan, L., Marjanović, D., Kushniarevich, A., Behar, D.M., Gilissen, C., Vissers, L., Veltman, J.A., Balanovska, E., Derenko, M., Malyarchuk, B., Metspalu, A.,	A recent bottleneck of Y chromosome diversity coincides with a global change in culture (2015) Genome Research, 25 (4), pp. 459-466.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927713385&doi=10.1101%2fgr.186684.114&partnerID=40&md5=c779c76d4d7fdea5ae56b2db35fe9b70
Lazaridis, I., Patterson, N., Mittnik, A., Renaud, G., Mallick, S., Kirsanow, K., Sudmant, P.H., Schraiber, J.G., Castellano, S., Lipson, M., Berger, B., Economou, C., Bollongino, R., Fu, Q., Bos, K.I., Nordenfelt, S., Li, H., De Filippo, C., Prüfer, K., Sawyer, S., Posth, C., Haak, W., Hallgren, F., Formander, E., Rohland, N., Delsate, D., Francken, M., Guinet, J.-M., Wahl, J., Ayodo, G., Babiker, H.A., Bailliet, G., Balanovska, E., Balanovsky, O., Barrantes, R., Bedoya, G., Ben-Ami, H., Bene, J., Berrada, F., Bravi, C.M., Brisighelli, F., Busby, G.B.J., Cali, F., Churnosov, M., Cole, D.E.C., Corach, D., Damba, L., Van Driem, G., Dryomov, S., Dugoujon, J.-M., Fedorova, S.A., Gallego Romero, I., Gubina, M., Hammer, M., Henn, B.M., Hervig, T., Hodoglugil, U., Jha, A.R., Karachanak-Yankova, S., Khusainova, R., Khusnutdinova, E., Kittles, R., Kivisild, T., Klitz, W., Kučinskas, V., Kushniarevich, A., Laredj, L., Litvinov, S., Loukidis, T., Mahley, R.W., Melegh, B., Metspalu, E., Molina, J., Mountain, J., Näkkäläjärvi, K., Nesheva, D., Nyambo, T., Osipova, L., Parik, J., Platonov, F., Posukh, O., Romano, V., Rothhammer, F.,	Ancient human genomes suggest three ancestral populations for present-day Europeans (2014) Nature, 513 (7518), pp. 409-413.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907803675&doi=10.1038%2fnature13673&partnerID=40&md5=7b10975d8f9d32e81a1215e3e330e7fc

	Pesik, V.Y., Fedunin, A.A., Agdzhoian, A.T., Utevska, O.M. , Chukhraeva, M.I., Evseeva, I.V., Churnosov, M.I., Lependina, I.N., Bogunov, Y.V., Bogunova, A.A., Ignashkin, M.A., Yankovsky, N.K., Balanovska, E.V., Orekhov, V.A., Balanovsky, O.P.	Analysis of genetic diversity of Russian regional populations based on common STR markers used in DNA identification (2014) Genetika, 50 (6), pp. 715-723.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938517159&partnerID=40&md5=f99a0af775155a878f989d89f275f6be
	Pesik, V.Y., Fedunin, A.A., Agdzhoian, A.T., Utevska, O.M. , Chukhraeva, M.I., Evseeva, I.V., Churnosov, M.I., Lependina, I.N., Bogunov, Y.V., Bogunova, A.A., Ignashkin, M.A., Yankovsky, N.K., Balanovska, E.V., Orekhov, V.A., Balanovsky, O.P.	Analysis of genetic diversity of Russian regional populations based on STR markers used in DNA identification (2014) Russian Journal of Genetics, 50 (6), pp. 626-633.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902966696&doi=10.1134%2F1022795414060088&partnerID=40&md5=093cad5eeb8b78cb3314c7088ec69be5
	Pshenichnov, A., Balanovsky, O., Utevska, O. , Metspalu, E., Zaporozhchenko, V., Agdzhoian, A., Churnosov, M., Atramentova, L., Balanovska, E.	Genetic affinities of Ukrainians from the maternal perspective (2013) American Journal of Physical Anthropology, 152 (4), pp. 543-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887493309&doi=10.1002%2Fajpa.22371&partnerID=40&md5=98b497ad0198fcd360cf3c81d8e2a6d1
	Balanovskii, O.P., Koshel, S.M., Zaporozhchenko, V.V., Pshenichnov, A.S., Frolova, S.A., Kuznetsova, M.A., Baranova, E.E., Teuchezh, I.E., Kuznetsova, A.A., Romashkina, M.V., Utevskaia, O.M. , Churnosov, M.I., Villes, R., Balanovskaia, E.V.	[Genetic ecological monitoring in human populations: heterozygosity, mtDNA haplotype variation, and genetic load]. (2011) Genetika, 47 (11), pp. 1523-1535.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857693884&partnerID=40&md5=550f5b5707929e281fb05fe622e9e59f
	Balanovsky, O.P., Koshel, S.M., Zaporozhchenko, V.V., Pshenichnov, A.S., Frolova, S.A., Kuznetsova, M.A., Baranova, E.E., Teuchezh, I.E., Kuznetsova, A.A., Romashkina, M.V., Utevska, O.M. , Churnosov, M.I., Villes, R., Balanovska, E.V.	Genetic ecological monitoring in human populations: Heterozygosity, mtDNA haplotype variation, and genetic load (2011) Russian Journal of Genetics, 47 (11), pp. 1353-1363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80855128300&doi=10.1134%2F102279541110056&partnerID=40&md5=0a8c831acff69664c1144e66692aa91e
	Petrauskiene, L., Utevska, O. , Utevsky, S.	Reproductive biology and ecological strategies of three species of medicinal leeches (genus Hirudo) (2011) Journal of Natural History, 45 (11-12), pp. 737-747.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952570375&doi=10.1080%2F00222933.2010.535918&partnerID=40&md5=81974078508f0a64254f03fd67ddef
	Utevsky, S., Zagmajster, M., Atemasov, A., Zinenko, O., Utevska, O. , Utevsky, A., Trontelj, P.	Distribution and status of medicinal leeches (genus Hirudo) in the western palaearctic: Anthropogenic, ecological, or historical effects? (2010) Aquatic Conservation: Marine and Freshwater Ecosystems, 20 (2), pp. 198-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649091192&doi=10.1002%2Faqc.1071&partnerID=40&md5=9781aa29ecdff9b512c929d1d284619d
	Petrauskiene, L., Utevska, O. , Utevsky, S.	Can different species of medicinal leeches (Hirudo spp.) interbreed? (2009) Invertebrate Biology, 128 (4), pp. 324-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71849109453&doi=10.1111%2Fj.1744-7410.2009.00180.x&partnerID=40&md5=14510064c9d4fb125bed4c3bfb3f8e83
	Atramentova, L.A., Ishchuk, M.L., Utevskaia, O.M.	Genetic demographic analysis of western Ukrainian populations: The marriage structure of populations from the Khmel'niitskii oblast with respect to ethnicity and birthplace (2004) Genetika, 40 (8), pp. 1131-1137.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21644459291&partnerID=40&md5=b4e47bbfc0bcd54ffda3716e5f6d3fe
	Atramentova, L.A., Ishchuk, M.L., Utevskaia, O.M.	Genetic demographic analysis of western Ukrainian populations: The marriage structure of populations from the Khmel'niitskii oblast with respect to ethnicity and birthplace (2004) Russian Journal of Genetics, 40 (8), pp. 926-931.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4444310137&doi=10.1023%2FB%3aRU0E.0000039727.82043.3f&partnerID=40&md5=f7f745b23da5cd1a7a114b24a5effc07
	Utevskaia, O.M. , Atramentova, L.A.	ANOVA designs for estimating heritability of reproductive traits in medicinal leech Hirudo medicinalis L. (2003) Genetika, 39 (10), pp. 1427-1433.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542467389&partnerID=40&md5=e95c06754f6921a2c3388eeef570b3b5
	Utevskaia, O.M. , Atramentova, L.A.	ANOVA designs for estimating heritability of reproductive traits in medicinal leech Hirudo medicinalis L. (2003) Russian Journal of Genetics, 39 (10), pp. 1208-1213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-9444277181&doi=10.1023%2FA%3a1026191314507&partnerID=40&md5=785f5668391152f113cad6df17f3022e
	Utevskaia, O.M. , Atramentova, L.A.	Heritability of reproductive traits in the medicinal leech Hirudo medicinalis L. (2002) Genetika, 38 (1), pp. 56-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036368881&partnerID=40&md5=aad54246e5b94a5d2cdc4fce9e01155
	Utevskaia, O.M. , Atramentova, L.A.	Predicting efficiency of selection on reproductive traits in the medicinal leech Hirudo medicinalis L. (2002) Genetika, 38 (3), pp. 316-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17444448527&partnerID=40&md5=7364a8448d05da49640b91250187b6cc
	Utevskaia, O.M. , Atramentova, L.A.	Predicting Efficiency of Selection on Reproductive Traits in the Medicinal Leech Hirudo medicinalis L (2002) Russian Journal of Genetics, 38 (3), pp. 244-249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347616952&doi=10.1023%2FA%3a1014894432466&partnerID=40&md5=7ca63f2c972038ff396af8ff3b255ddc
	Utevskaia, O.M. , Atramentova, L.A.	Heritability of Reproductive Traits in the Medicinal Leech Hirudo medicinalis L. (2002) Russian Journal of Genetics, 38 (1), pp. 44-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348237282&doi=10.1023%2FA%3a1013711710927&partnerID=40&md5=a9c8c448efcca7e0f20cc695b257002a
107.	El Zein, H.K., Zholtkevych, G.	Logical time models to study cyber-physical systems (2017) CEUR Workshop Proceedings, 1844, pp. 488-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020529221&partnerID=40&md5=e7366702d6b3c87a859b9284cb6fabeb
	Zholtkevych, G.	Realisation of synchronous and asynchronous black boxes using machines (2016) Communications in Computer and Information Science, 594, pp. 124-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960455347&doi=10.1007%2F978-3-319-30246-1_8&partnerID=40&md5=88a4f17f7be2152f987a50c0dcc598db8
	Yakovyna, V., Mayr, H.C., Nikitchenko, M., Zholtkevych, G. , Spivakovskiy, A., Batsakis, S.	Preface (2016) Communications in Computer and Information Science, 594, pp. V-VI.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960343195&doi=10.1007%2F978-3-319-30246-1&partnerID=40&md5=4be42ee1f5790dec451bba8e665f850b
	Zholtkevych, G.N. , Nosov, K.V., Bespalov, Yu.G., Rak, L.I., Vysotskaya, E.V., Balkova, Y.B., Kolomyichenko, V.K.	Descriptive models of system dynamics (2016) CEUR Workshop Proceedings, 1614, pp. 57-72. Цитирован(ы) 1 раз.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977476505&partnerID=40&md5=bf14dc83313f6e09612e2e86091fac68
	Ermolayev, V., Spivakovskiy, A., Nikitchenko, M., Ginige, A., Mayr, H.C., Plexousakis, D., Zholtkevych, G. , Burov, O., Kharchenko, V., Kobets, V.	Preface (2016) CEUR Workshop Proceedings, 1614, pp. i-ii.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977515144&partnerID=40&md5=3fe9cfb032a673aa7aa8662ffdb9ce3
	Zholtkevych, G.	Realisation of "black boxes" using machines (2015) CEUR Workshop Proceedings, 1356, pp. 326-337. Цитирован(ы) 1 раз.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930362385&partnerID=40&md5=ccbe29a9aa75a42cfd0b9314acb605
	Mallet, F., Zholtkevych, G.	Coalgebraic semantic model for the clock constraint specification language (2015) Communications in Computer and Information Science, 476, pp. 174-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929620085&doi=10.1007%2F978-3-319-17581-2_12&partnerID=40&md5=52ef12ef292630826a2f678a9c2b0729
	Batsakis, S., Mayr, H.C., Yakovyna, V., Nikitchenko, M., Zholtkevych, G. , Kharchenko, V., Kravtsov, H., Kobets, V., Peschanenko, V., Ermolayev, V., Bobalo, Y., Spivakovskiy, A.	Preface (2015) CEUR Workshop Proceedings, 1356, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930344389&partnerID=40&md5=6cfdd3cb1619b4620e2c4ab8f728ffdd2

	Zholtkevych, G. , Novikov, B., Dorozhinsky, V.	Pre-automata and complex event processing (2014) Communications in Computer and Information Science, 469, pp. 100-116. Цитирован(ы) 1 раз.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914165787&doi=10.1007%2f978-3-319-13206-8_5&partnerID=40&md5=ee5c82a0fdeff143723d8b3428754340
	Novikov, B.V., Polyakova, L.Y., Zholtkevich, G.N.	Decomposition of Directed Graphs and the Turán Problem (2014) Ukrainian Mathematical Journal, 66 (7), pp. 1070-1084.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925501093&doi=10.1007%2f11253-014-0995-7&partnerID=40&md5=bc7276c46f93cb03edd626b8d2dbdc1a
	Ermolayev, V., Mayr, H.C., Nikitchenko, M., Spivakovsky, A., Zholtkevych, G.	Information and communication technologies in education, research, and industrial application: 10th International Conference, ICTERI 2014 Kherson, Ukraine, June 9–12, 2014 revised selected papers (2014) Communications in Computer and Information Science, 469, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914171539&doi=10.1007%2f978-3-319-13206-8&partnerID=40&md5=6d7023a43fbaac74f0ed35919e015a74
	Ermolayev, V., Mayr, H.C., Nikitchenko, M., Spivakovsky, A., Zholtkevych, G.	Preface (2014) Communications in Computer and Information Science, 469, pp. V-VII.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914129380&partnerID=40&md5=4cc4769a78fee39724e654f0d8d0015c
	Zholtkevych, G.N. , Bespalov, G.Y., Nosov, K.V., Abhishek, M.	Discrete Modeling of Dynamics of Zooplankton Community at the Different Stages of an Antropogeneous Eutrophication (2013) Acta Biotheoretica, 61 (4), pp. 449-465. Цитирован(ы) 1 раз.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84889093761&doi=10.1007%2f10441-013-9184-6&partnerID=40&md5=2dd4152bbca7e28730b88e9b1faf6b20
	Varava, A., Zholtkevych, G.	Asymptotical information bound of consecutive qubit binary testing (2013) CEUR Workshop Proceedings, 1000, pp. 163-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923562550&partnerID=40&md5=0dd9d1d79d99dc930d04d9b912082be1
	Varava, A., Zholtkevych, G.	Asymptotical Information Bound of Consecutive Qubit Binary Testing (2013) Communications in Computer and Information Science, 412 CCIS, pp. 93-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904718242&doi=10.1007%2f978-3-319-03998-5_6&partnerID=40&md5=38f67be7e821ac7e76ec92231e0dd6d5
	Zholtkevych, G. , Mallet, F., Zaretska, I., Zholtkevych, G.	Two Semantic Models for Clock Relations in the Clock Constraint Specification Language (2013) Communications in Computer and Information Science, 412 CCIS, pp. 190-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904745150&doi=10.1007%2f978-3-319-03998-5_10&partnerID=40&md5=63738f9f4552123114203606b98362a9
	Mikhailova, I., Novikov, B., Zholtkevych, G.	Protoautomata as models of systems with data accumulation (2013) CEUR Workshop Proceedings, 1000, pp. 582-589. Цитирован(ы) 1 раз.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923628101&partnerID=40&md5=b1c2af48ec9fc392e914bd6e0d68278
	Alobaidi, M., Batiyiv, A., Zholtkevych, G.	Wireframe model for simulating quantum information processing systems (2013) CEUR Workshop Proceedings, 1000, pp. 18-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923592814&partnerID=40&md5=ea7b26f643fbabb2d2441f9941176a9
	Alobaidi, M., Batiyiv, A., Zholtkevych, G.	Abstract quantum automata as formal models of quantum information processing systems (2013) Communications in Computer and Information Science, 347 CCIS, pp. 19-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872378762&doi=10.1007%2f978-3-642-35737-4_2&partnerID=40&md5=2ed0328cf149554d2360e2c470bc4587
	Zaretska, I., Zholtkevych, G. , Zholtkevych, G. , Mallet, F.	Clocks model for specification and analysis of timing in real-time embedded systems (2013) CEUR Workshop Proceedings, 1000, pp. 475-489. Цитировано 2 раз.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923637808&partnerID=40&md5=a7b248a337321b4c95431eb9e861278f
	Ermolayev, V., Mayr, H.C., Nikitchenko, M., Spivakovsky, A., Zholtkevych, G.	Preface (2013) Communications in Computer and Information Science, 347 CCIS, pp. V-VII.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872425725&partnerID=40&md5=4ef5b8ff0159c570cc663a1980874b4c
	Ermolayev, V., Mayr, H.C., Nikitchenko, M., Spivakovsky, A., Zholtkevych, G.	Information and Communication Technologies in Education, Research, and Industrial Applications: 9th International Conference, ICTERI 2013, Kherson, Ukraine, June 19-22, 2013, Revised Selected Papers (2013) Communications in Computer and Information Science, 412 CCIS, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904718413&doi=10.1007%2f978-3-319-03998-5&partnerID=40&md5=942fe6e253138284aecf64f744984830
	Ermolayev, V., Mayr, H.C., Nikitchenko, M., Spivakovskiy, A., Zholtkevych, G. , Zavyilevsky, M., Kravtsov, H., Kobets, V., Peschanenko, V.	Preface (2013) CEUR Workshop Proceedings, 1000, pp. I-II.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923605886&partnerID=40&md5=520b648da7c611361024da45caf3b37d
	Alobaidi, M., Batiyev, A., Zholtkevych, G.	Towards the notion of an abstract quantum automaton (2012) CEUR Workshop Proceedings, 848, pp. 17-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892578975&partnerID=40&md5=97d6baaeff6ca3497e3e5f345aec95
	Ermolayev, V., Mayr, H.C., Nikitchenko, M., Spivakovsky, A., Zholtkevych, G. , Zavyilevsky, M., Kobets, V.	Preface (2012) CEUR Workshop Proceedings, 848, pp. 3-4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892602353&partnerID=40&md5=8b4f768cdd61c98f310fe3d974000d3
	Novikov, B., Perepelytsya, I., Zholtkevych, G.	Pre-automata as mathematical models of event flows recognisers (2011) CEUR Workshop Proceedings, 716, pp. 41-50. Цитировано 2 раз.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890380343&partnerID=40&md5=b6f67944d57baecc2b1b4b21dc84c5f8
	Solyanik, Y., Vladymyrov, M., Zarets'ka, I., Zholtkevych, G.	Practice in software engineering course: What and how to study (2011) CEUR Workshop Proceedings, 716, pp. 127-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890400006&partnerID=40&md5=9d2a9dc6d5ada42efc95eb0b0e02ff4
	Ermolayev, V., Mayr, H.C., Nikitchenko, M., Spivakovsky, A., Zavyilevsky, M., Zholtkevych, G.	Preface (2011) CEUR Workshop Proceedings, 716, pp. 2-3.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890356473&partnerID=40&md5=5ddc825185fcca3ee2f325b4465cf35
	Golodets, V.Ya., Zholtkevich, G.N.	Markovian KMS states (1983) Theoretical and Mathematical Physics, 56 (1), pp. 686-690. Цитировано 7 раз.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002149768&doi=10.1007%2fBF01027543&partnerID=40&md5=b48135277ac542addeb18b1044e4fc18
108.	Ermolaev, A.M., Rashba, G.I.	Electron gas high-frequency conductivity on the surface of a nanotube with superlattice in magnetic field (2014) Physica B: Condensed Matter, 451, pp. 20-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904015472&doi=10.1016%2fj.physb.2014.06.016&partnerID=40&md5=300a67c8519338bd0c9b3e09f8b0b53c
	Ermolaev, A.M., Rashba, G.I.	To the theory of plasma waves on the surface of nanotube with superlattice (2014) Solid State Communications, 192, pp. 79-81.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902324471&doi=10.1016%2fj.ssc.2014.05.017&partnerID=40&md5=a016c51c3f8e181a86d60153806249ab
	Ermolaev, A.M., Rashba, G.I.	Toward the theory of spin waves on the surface of a nanotube with a superlattice in a magnetic field (2014) Physics of the Solid State, 56 (8), pp. 1696-1699.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84916899691&doi=10.1134%2fS1063783414080083&partnerID=40&md5=4e39df042911249be8a6c38518866d70
	Ermolaev, A.M., Rashba, G.I.	Collective excitations of electron gas on the nanotube surface in a magnetic field: Magnetoplasma and spin waves, zero sound (2013) Handbook of Functional Nanomaterials, 4, pp. 215-246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951804453&partnerID=40&md5=ca7d7d6c5a05c6b6c4c59692519863b0
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Spin waves on the surface of a semiconductor nanotube with a superlattice (2012) Low Temperature Physics, 38 (10), pp. 957-961.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868662360&doi=10.1063%2f1.4758784&partnerID=40&md5=a59bfbdb85da76d5035fd6489b62625d
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Spin waves on the semiconductor nanotube surface with superlattice (2012) Fizika Nizkikh Temperatur, 38 (10), pp. 1209-1215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866350315&partnerID=40&md5=14654d5392d0d0d7f37c8239f3b50d48b
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Magnetoplasma waves on the surface of a semiconductor nanotube with a superlattice (2012) Low Temperature Physics, 38 (6), pp. 511-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862685447&doi=10.1063%2f1.4723674&partnerID=40&md5=26c4190333e947f82b4aad33f48270ce
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Magnetoplasma waves on the surface of semiconducting nanotube with a superlattice (2012) Fizika Nizkikh Temperatur, 38 (6), pp. 653-659.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860776124&partnerID=40&md5=79d651435ca7d10149e0cfe75450402d
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Collective excitations of electron gas on the nanotube surface in a magnetic field (2012) Low Temperature Physics, 37 (11), pp. 919-924.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855660094&doi=10.1063%2f1.3672160&partnerID=40&md5=84e7eff6fd4f41c68e6b3d57029be960

	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Heat capacity of an electron gas at the surface of a nanotube with its superlattice in a magnetic field (2011) Low Temperature Physics, 37 (10), pp. 824-828.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855280986&doi=10.1063%2F1.3665876&partnerID=40&md5=b4ddbc0ce62177d1f8616b1b8c1e694
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Collective excitations of the electron gas on the nanotube surface in magnetic field (2011) Fizika Nizkikh Temperatur (Kharkov), 37 (11), pp. 1156-1162.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053350223&partnerID=40&md5=7237bdbf955c4d2d5159f98ec4ab670
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Heat capacity of electron superlattice gas on the nanotube surface in magnetic field (2011) Fizika Nizkikh Temperatur (Kharkov), 37 (9-10), pp. 1033-1039.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052762458&partnerID=40&md5=7ae7e30554e83a1ec7592b4bea3d14c7
	Ermolaev, A.M., Kofanov, S.V., Rashba, G.I.	Local and quasilocal energy levels of electrons on nanotube surfaces and in rings in magnetic fields (2011) Low Temperature Physics, 37 (6), pp. 506-510.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051562723&doi=10.1063%2F1.3622626&partnerID=40&md5=909e13f88a744a5d38c1d9a49df2bb46
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Electron spin waves of the surface of a nanotube (2011) Physics of the Solid State, 53 (8), pp. 1594-1598.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961156611&doi=10.1134%2F151063783411080129&partnerID=40&md5=db4497e22dc09c39fb4510da89787e88
	Rashba, G.I. , Ermolaev, A.M., Kofanov, S.V.	Electron gas dynamic conductivity tensor on the nanotube surface in magnetic field (2011) Advances in Condensed Matter Physics, 2011, статья № 901848, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959269342&doi=10.1155%2F2011%2F901848&partnerID=40&md5=2f1a2b363abfe4bfe7b78be3af3c10
	Ermolaev, A.M., Kofanov, S.V., Rashba, G.I.	Local and quasi-local energy levels of electrons on the nanotube surface and in the quantum ring at magnetic field (2011) Fizika Nizkikh Temperatur (Kharkov), 37 (6), pp. 637-643.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956086317&partnerID=40&md5=a98c2abef200614b20eb0ff5e611943
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Spin waves on the surface of the nonferromagnetic nanotube in magnetic field (2011) Physica B: Condensed Matter, 406 (11), pp. 2077-2080.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955010678&doi=10.1016%2Fj.physb.2011.02.026&partnerID=40&md5=ac720d8d6a9bac022309f3b2b3f96c8
	Ermolaev, A.M., Rashba, G.I. , Solyanik, M.A.	Thermodynamic functions of electron gas on the semiconductor nanotube surface in a magnetic field (2010) European Physical Journal B, 73 (3), pp. 383-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76749126575&doi=10.1140%2Fepjb%2f2009-00443-5&partnerID=40&md5=83d93c5ad257000ff89d2ee1cd49de
	Ermolaev, A.M., Rashba, G.I.	Impurity states of electrons in quantum dots in external magnetic fields (2008) European Physical Journal B, 66 (2), pp. 223-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849121512&doi=10.1140%2Fepjb%2f2008-00392-5&partnerID=40&md5=a58876c05d2d8894bcb2fc08cb42b8e
	Ermolaev, A.M., Rashba, G.I.	Functional methods in the theory of magnetoimpurity states of electrons in quantum wires (2008) Journal of Physics Condensed Matter, 20 (17), статья № 175212, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42549161029&doi=10.1088%2F0953-9894%2F20%2F175212&partnerID=40&md5=32a7e294935cd80d4383c783edd9f467
	Ermolaev, A.M., Rashba, G.I.	A contribution to the theory of magnetoplasma waves in quantum wires (2006) Low Temperature Physics, 32 (3), pp. 245-250.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745635386&doi=10.1063%2F1.2178481&partnerID=40&md5=f10cb0314e2a7f785388acd3446c60e2
	Ermolaev, A.M., Rashba, G.I.	Toward the theory of magnetoplasma waves in quantum wires (2006) Fizika Nizkikh Temperatur (Kharkov), 32 (3), pp. 329-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645974539&partnerID=40&md5=13924431075c7a80cdce72b561493e94
	Ermolaev, A.M., Rashba, G.I.	Toward a theory of the magnetoimpurity states of electrons in conductors (2004) Low Temperature Physics, 30 (1), pp. 51-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644447680&doi=10.1063%2F1.1645154&partnerID=40&md5=5ef0557dbe8628dfb1869789ef80d02f
	Ermolaev, A.M., Rashba, G.I.	To the theory of magnetoimpurity states of electrons in conductors (2004) Fizika Nizkikh Temperatur (Kharkov), 30 (1), pp. 69-73.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0842343537&partnerID=40&md5=1489c0f7dbc20d7f97cb8b016b8cd23e
	Ermolaev, A.M., Rashba, G.I.	Phonons in conductors with magnetoimpurity electron states (2003) Low Temperature Physics, 29 (11), pp. 945-953.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644435309&doi=10.1063%2F1.1614230&partnerID=40&md5=d8bec0ce0f93258cbde05062b0b3bb01
	Ermolaev, A.M., Rashba, G.I.	Phonons in conductors with magnetoimpurity states of electrons (2003) Fizika Nizkikh Temperatur (Kharkov), 29 (11), pp. 1244-1255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242408456&partnerID=40&md5=5ae47b699cf61e01bd26045c040f34ad
	Ermolaev, A.M., Rashba, G.I.	Faraday rotation in conductors with magnetoimpurity electron states (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (11), pp. 1213-1214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-594250868&partnerID=40&md5=43b217b65bdfdf7ae6e9b98c9a75934
	Ermolaev, A.M., Rashba, G.I.	Faraday rotation in conductors with magnetoimpurity electron states (1997) Low Temperature Physics, 23 (11), pp. 907-909.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750106260&partnerID=40&md5=88e473bb2947277ec8f812e319412c1c
109.	Rezounenko, A.	Stability of a viral infection model with state-dependent delay, CTL and antibody immune responses (2017) Discrete and Continuous Dynamical Systems - Series B, 22 (4), pp. 1547-1563.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016016182&doi=10.3934%2Fdcdsb.2017074&partnerID=40&md5=ecd02480a347b04bcdbb127ce9a9386
	Krisztin, T., Rezounenko, A.	Parabolic partial differential equations with discrete state-dependent delay: Classical solutions and solution manifold (2016) Journal of Differential Equations, 260 (5), pp. 4454-4472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979787288&doi=10.1016%2Fj.jde.2015.11.018&partnerID=40&md5=85d1c3888690a90c62759774568265e2
	Rezounenko, A.	Continuous solutions to a viral infection model with general incidence rate, discrete state-dependent delay, CTL and antibody immune responses (2016) Electronic Journal of Qualitative Theory of Differential Equations, 2016, статья № 79, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987788607&doi=10.14232%2Fejqde.2016.1.79&partnerID=40&md5=cd52d0141e4cec44d1c68302491ac384
	Chueshov, I., Rezounenko, A.	Dynamics of second order in time evolution equations with state-dependent delay (2015) Nonlinear Analysis, Theory, Methods and Applications, 123-124, pp. 126-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930663380&doi=10.1016%2Fj.na.2015.04.013&partnerID=40&md5=3d4ac63d6910a73b455ff4c93bf787c4
	Chueshov, I., Rezounenko, A.	Finite-dimensional global attractors for parabolic nonlinear equations with state-dependent delay (2015) Communications on Pure and Applied Analysis, 14 (5), pp. 1685-1704.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930637032&doi=10.3934%2Fcpaa.2015.14.1685&partnerID=40&md5=6b240452bb30ad67b70fecabe59ad6d5
	Rezounenko, A.V.	On time transformations for differential equations with state-dependent delay (2014) Central European Journal of Mathematics, 12 (2), pp. 298-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891129946&doi=10.2478%2F11533-013-0341-6&partnerID=40&md5=40dfeba2fc82a438ccd216e143cfbe4
	Rezounenko, A.V. , Zagalak, P.	With discrete state-dependent delays: well-posedness in a metric space (2013) Discrete and Continuous Dynamical Systems- Series A, 33 (2), pp. 819-835.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867872687&doi=10.3934%2Fdcds.2013.33.819&partnerID=40&md5=f72df7c46f775cb4df8bbdbd73ea2750
	Rezounenko, A.V.	A condition on delay for differential equations with discrete state-dependent delay (2012) Journal of Mathematical Analysis and Applications, 385 (1), pp. 506-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051791242&doi=10.1016%2Fj.jmaa.2011.06.070&partnerID=40&md5=3580cfb0d6dfa6c1c9954a4e190d04d0
	Rezounenko, A.V.	Non-local PDEs with a state-dependent delay term presented by Stieltjes integral [EDP non-locales avec terme à retards dépendants de l'état exprimé par une intégrale de Stieltjes] (2011) Comptes Rendus Mathématique, 349 (3-4), pp. 179-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79451473198&doi=10.1016%2Fj.crma.2011.01.012&partnerID=40&md5=4697a17a27766b2debe1c51f6b293d10
	Rezounenko, A.V.	Non-linear partial differential equations with discrete state-dependent delays in a metric space (2010) Nonlinear Analysis, Theory, Methods and Applications, 73 (6), pp. 1707-1714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953962386&doi=10.1016%2Fj.na.2010.05.005&partnerID=40&md5=31289bdea40f29dca3f0e2223cc44438
	Rabah, R., Sklyar, G.M., Rezounenko, A.V.	On pole assignment and stabilizability of neutral type systems (2009) Lecture Notes in Control and Information Sciences, 388, pp. 85-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349906418&doi=10.1007%2F978-3-642-02897-7_8&partnerID=40&md5=fac5f84892be7e172e1319e275705b79

	Rezounenko, A.V.	Differential equations with discrete state-dependent delay: Uniqueness and well-posedness in the space of continuous functions (2009) <i>Nonlinear Analysis, Theory, Methods and Applications</i> , 70 (11), pp. 3978-3986.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62949206298&doi=10.1016%2Fj.na.2008.08.006&partnerID=40&md5=1c09f473535b3e3ef7754230473d6085
	Rezounenko, A.V.	On a class of PDEs with nonlinear distributed in space and time state-dependent delay terms (2008) <i>Mathematical Methods in the Applied Sciences</i> , 31 (13), pp. 1569-1585.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49749108213&doi=10.1002%2Fmmsa.986&partnerID=40&md5=15effb660601b052161aee3b3db9b9c0
	Rabah, R., Sklyar, G.M., Rezounenko, A.V.	On strong regular stabilizability for linear neutral type systems (2008) <i>Journal of Differential Equations</i> , 245 (3), pp. 569-593.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44149099715&doi=10.1016%2Fj.jde.2008.02.041&partnerID=40&md5=bbeaf91939c50d69761ef3fc08e12159
	Rezounenko, A.V.	Partial differential equations with discrete and distributed state-dependent delays (2007) <i>Journal of Mathematical Analysis and Applications</i> , 326 (2), pp. 1031-1045.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751082362&doi=10.1016%2Fj.jmaa.2006.03.049&partnerID=40&md5=23607488b7fc74a073a69342d0f9566e
	Rabah, R., Sklyar, G.M., Rezounenko, A.V.	On strong regular stabilizability for linear neutral type systems (2006) 14th Mediterranean Conference on Control and Automation, MED'06, статья № 1700765, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35948978188&doi=10.1109%2Fmed.2006.328802&partnerID=40&md5=7cda5fcec8349662163194ac167e8fc7
	Rezounenko, A.V. , Wu, J.	A non-local PDE model for population dynamics with state-selective delay: Local theory and global attractors (2006) <i>Journal of Computational and Applied Mathematics</i> , 190 (1-2), pp. 99-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-31944438698&doi=10.1016%2Fj.cam.2005.01.047&partnerID=40&md5=244ec4b252895da5ae8f61198f5a26a5
	Rabah, R., Sklyar, G.M., Rezounenko, A.V.	Stability analysis of neutral type systems in Hilbert space (2005) <i>Journal of Differential Equations</i> , 214 (2), pp. 391-428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144398223&doi=10.1016%2Fj.jde.2004.08.001&partnerID=40&md5=319337ec19eab9b6398d01cf871a31ff
	Rabah, R., Sklyar, G.M., Rezounenko, A.V.	Generalized Riesz basis property in the analysis of neutral type systems [Bases généralisées de Riesz pour les systèmes de type neutre] (2003) <i>Comptes Rendus Mathématique</i> , 337 (1), pp. 19-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042706231&doi=10.1016%2FS1631-073X%2803%2900251-6&partnerID=40&md5=51a18a2b7e8b6a71cfc7dba968b2904e
	Rezounenko, A.V.	Approximate inertial manifolds for retarded semilinear parabolic equations (2003) <i>Journal of Mathematical Analysis and Applications</i> , 282 (2), pp. 614-628.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037778832&doi=10.1016%2FS0022-247X%2803%2900199-9&partnerID=40&md5=5b26f99c21b0bd4667934ee35eb034b6
	Rezounenko, A.V.	Inertial manifolds for retarded second order in time evolution equations (2002) <i>Nonlinear Analysis, Theory, Methods and Applications</i> , 51 (6), pp. 1045-1054.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036885457&doi=10.1016%2FS0362-546X%2801%2900878-1&partnerID=40&md5=4b35b204aba5f4dc2b86b1da07d2837c
	Rezounenko, A.	A sufficient condition for the existence of approximate inertial manifolds containing the global attractor [Une condition suffisante pour l'existence de variétés inertielles approchées contenant l'attracteur global] (2002) <i>Comptes Rendus Mathématique</i> , 334 (11), pp. 1015-1020.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037648323&doi=10.1016%2FS1631-073X%2802%2902385-3&partnerID=40&md5=b3c48a54c12d819aad4a210a697f3646
	Sklyar, G., Rezounenko, A.	A theorem on the strong asymptotic stability and determination of stabilizing controls [Stabilité asymptotique et détermination de contrôles stabilisant] (2001) <i>Comptes Rendus de l'Académie des Sciences - Series I: Mathematics</i> , 333 (8), pp. 807-812.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18044396188&doi=10.1016%2FS0764-4442%2801%2902129-2&partnerID=40&md5=72bc2ae2e29ac78a3b6cc608e3b858d
	Rezounenko, A.	On boundary value problem for a class of retarded nonlinear partial differential equations (2001) <i>Journal of Mathematical Analysis and Applications</i> , 254 (2), pp. 515-523.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035866124&doi=10.1006%2Fjmaa.2000.7215&partnerID=40&md5=b2717623c8a1f44649308ab7bfc67e
	Sklyar, G.M., Rezounenko, A.V.	Stability of a strongly stabilizing control for systems with a skew-adjoint operator in Hilbert space (2001) <i>Journal of Mathematical Analysis and Applications</i> , 254 (1), pp. 1-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035255674&doi=10.1006%2Fjmaa.2000.7132&partnerID=40&md5=0b4361c40996aaa8e2f75cf29a50fbc7
	Rezounenko, A.V.	Inertial manifolds with delay for retarded semilinear parabolic equations (2000) <i>Discrete and Continuous Dynamical Systems</i> , 6 (4), pp. 829-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034357276&partnerID=40&md5=4ff952ef20aad032b34d7c858066b523
	Boutet De Monvel, L., Chueshov, I.D., Rezounenko, A.V.	Inertial manifolds for retarded semilinear parabolic equations (1998) <i>Nonlinear Analysis, Theory, Methods and Applications</i> , 34 (6), pp. 907-925.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032329941&partnerID=40&md5=e29c9b00230808311f4619c12a76734
	Boutet De Monvel, L., Chueshov, I.D., Rezounenko, A.V.	Long-time behaviour of strong solutions of retarded nonlinear P.D.E.s (1997) <i>Communications in Partial Differential Equations</i> , 22 (9-10), pp. 1453-1474.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000718450&partnerID=40&md5=25376d391f2b6a7ba15a2950c7fbff17
110.	Vlasenko, L.A. , Rutkas, A.G., Chikrii, A.A.	On a differential game in an abstract parabolic system (2016) <i>Proceedings of the Steklov Institute of Mathematics</i> , 293, pp. 254-269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978496670&doi=10.1134%2FS0081543816050229&partnerID=40&md5=c92c7c4ba3644d9cc7266fb00ec49424
	Vlasenko, L.A. , Chikrii, A.A.	On a differential game in a system with distributed parameters (2016) <i>Proceedings of the Steklov Institute of Mathematics</i> , 292, pp. 276-285.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971529971&doi=10.1134%2FS0081543816020243&partnerID=40&md5=0633e130fd9929013d141c85ae18b994
	Vlasenko, L.A. , Rutkas, A.G.	On a differential game in a system described by an implicit differential-operator equation (2015) <i>Differential Equations</i> , 51 (6), pp. 798-807.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983347743&doi=10.1134%2FS0012266115060117&partnerID=40&md5=3c741dfa901f3b56482acb3baef0073
	Vlasenko, L.A. , Rutkas, A.G.	On a class of impulsive functional-differential equations with nonatomic difference operator (2014) <i>Mathematical Notes</i> , 95 (1-2), pp. 32-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894848525&doi=10.1134%2FS001434614010040&partnerID=40&md5=0a3f0704d150535130a243bd41c97d38
	Vlasenko, L.A. , Chikrii, A.A.	The method of resolving functionals for a dynamic game in a Sobolev system (2014) <i>Journal of Automation and Information Sciences</i> , 46 (7), pp. 1-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908508618&doi=10.1615%2FJAutomatInfScien.v46.i7.10&partnerID=40&md5=5590856a08678143198b7af1e78c91c
	Vlasenko, L.A. , Rutkas, A.G.	Optimal control of a class of random distributed Sobolev type systems with aftereffect (2013) <i>Journal of Automation and Information Sciences</i> , 45 (9), pp. 65-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891764453&doi=10.1615%2FJAutomatInfScien.v45.i9.60&partnerID=40&md5=014379342e62f4b999fa85f5434e5bd0
	Vlasenko, L.A. , Rutkas, A.G.	Stochastic impulse control of parabolic systems of Sobolev type (2011) <i>Differential Equations</i> , 47 (10), pp. 1498-1507.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8485215500&doi=10.1134%2FS0012266111100132&partnerID=40&md5=2ced094a27a0d5d9e0ca75b763709617
	Bondarenko, M.F., Vlasenko, L.A. , Rutkas, A.G.	Discrete optimal control of descriptor systems with variable parameters (2011) <i>Journal of Automation and Information Sciences</i> , 43 (5), pp. 1-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960022904&doi=10.1615%2FJAutomatInfScien.v43.i5.10&partnerID=40&md5=a1f0fdeedebc54a94625de09d8b64525
	Rutkas, A.G., Vlasenko, L.A.	Time-domain descriptor models for circuits with multiconductor transmission lines and lumped elements (2010) 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609106, pp. 102-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650159748&doi=10.1109%2FUWBUSIS.2010.5609106&partnerID=40&md5=475c8f1a6ade492a1583035c229ac05f
	Vlasenko, L.A. , Bondarenko, M.F.	A linear quadratic regulator problem for descriptor lumped and distributed systems with discrete time (2010) <i>Journal of Automation and Information Sciences</i> , 42 (1), pp. 32-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950681548&doi=10.1615%2FJAutomatInfScien.v42.i1.30&partnerID=40&md5=a2125b4d1c4e99c318cd7f3603392976
	Vlasenko, L.A. , Samoilenko, A.M.	Optimal control with impulsive component for systems described by implicit parabolic operator differential equations (2009) <i>Ukrainian Mathematical Journal</i> , 61 (8), pp. 1250-1263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949773993&doi=10.1007%2Fs11253-010-0274-1&partnerID=40&md5=1f38745330a67ed0cef7968ade18dbb7
	Vlasenko, L.A. , Rutkas, A.G.	On the optimal control of systems described by implicit evolution equations (2009) <i>Differential Equations</i> , 45 (3), pp. 429-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65649096156&doi=10.1134%2FS0012266109030124&partnerID=40&md5=f5818965dedb053b7c3f12acb96abecd
	Rutkas, A.G., Vlasenko, L.A.	An evolutionary model of impulsive circuit with transmission lines (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, статья № 4669352, pp. 42-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649219565&doi=10.1109%2FUWBUS.2008.4669352&partnerID=40&md5=5c11cd6b59aa9b0589423773764abfa0

	Vlasenko, L.A., Rutkas, A.G., Luchaninov, A.I.	Modeling of nonlinear schemes in time domain, which contain transmission lines and networks with lumped parameters (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676320, pp. 135-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049151686&doi=10.1109%2FICRMICO.2008.4676320&partnerID=40&md5=9964cb9eea5a744c899fb7b305f0c02a
	Vlasenko, L.A., Rutkas, A.G., Samoilenko, A.M.	Problem of impulsive regulator for one dynamical system of the sobolev type (2008) Ukrainian Mathematical Journal, 60 (8), pp. 1200-1209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59449102483&doi=10.1007%2F11253-009-0135-y&partnerID=40&md5=50a3e467176997d481ae4b4e58484b91
	Vlasenko, L.A.	Forced oscillations of an infinite-dimensional oscillator under impulsive perturbations (2008) Ukrainian Mathematical Journal, 60 (2), pp. 177-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53349102989&doi=10.1007%2F11253-008-0050-7&partnerID=40&md5=99465792ad4f6d58b450966d9e26e70a
	Vlasenko, L.A., Myshkis, A.D., Rutkas, A.G.	On a class of differential equations of parabolic type with impulsive action (2008) Differential Equations, 44 (2), pp. 231-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049123408&doi=10.1134%2FIS0012266108020110&partnerID=40&md5=cdc2d22405d7c39f26abdadebb3762
	Rutkas, A.G., Vlasenko, L.A.	The evolution of nonmonochromatic mode fields in a waveguide with space dispersive medium (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425143, pp. 158-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849113286&doi=10.1109%2FICATT.2007.4425143&partnerID=40&md5=2733c7de886b44478619f06dbb57a0a
	Vlasenko, L.A., Perestyuk, N.A.	On the solvability of impulsive differential-algebraic equations (2005) Ukrainian Mathematical Journal, 57 (4), pp. 551-564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27144517970&doi=10.1007%2F11253-005-0209-4&partnerID=40&md5=fbaaf9d818b550bc686b908c1e7c91f0
	Vlasenko, L.A., Piven', A.L., Rutkas, A.G.	Criteria for the well-posedness of the cauchy problem for differential operator equations of arbitrary order (2004) Ukrainian Mathematical Journal, 56 (11), pp. 1766-1781.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21544476967&doi=10.1007%2F11253-005-0150-6&partnerID=40&md5=9b3d36da95e28e212cf2d4f0bc97bc0
	Rutkas, A.G., Vlasenko, L.A.	Existence, uniqueness and continuous dependence for implicit semilinear functional differential equations (2003) Nonlinear Analysis, Theory, Methods and Applications, 55 (1-2), pp. 125-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041512022&doi=10.1016%2FS0362-546X%2803%2900219-0&partnerID=40&md5=9fde07bf9e97eb28c8bbdab80ec4508c
	Favini, A., Vlasenko, L.	Degenerate non-stationary differential equations with delay in Banach spaces (2003) Journal of Differential Equations, 192 (1), pp. 93-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037673654&doi=10.1016%2FS0022-0396%2803%2900090-1&partnerID=40&md5=676fbedba153be0d5023206d91163b9b
	Vlasenko, L.A.	On the construction and growth of solutions of degenerate functional differential equations of neutral type (2002) Ukrainian Mathematical Journal, 54 (11), pp. 1749-1759.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52649126156&partnerID=40&md5=c7d0fb893b60204375974f43b286c7b7
	Vlasenko, L.	Implicit linear time-dependent differential-difference equations and applications (2000) Mathematical Methods in the Applied Sciences, 23 (10), pp. 937-948.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034223879&doi=10.1002%2F1099-1476%2820000710%2923%3a10%3c937%3a%3aAID-MMA144%3e3.0.CO%3b2-B&partnerID=40&md5=a2b99e45a237d7b36ea8c777c5f612e2
	Vlasenko, L.A.	Existence and uniqueness theorems for an implicit delay differential equation (2000) Differential Equations, 36 (5), pp. 689-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27244451544&partnerID=40&md5=8295e4b31aacfbef7cc87d5cc8401f00
	Vlasenko, L.A.	Uniqueness and approximation theorems for a degenerate operator-differential equation (1996) Mathematical Notes, 60 (3-4), pp. 445-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29244482003&partnerID=40&md5=f0eb24afc526c580247a33372abd7f7e
	Vlasenko, L.A., Rutkas, A.G.	Solvability and completeness for an electrodynamic system that is not of Kovalevskaya type (1993) Mathematical Notes, 53 (1), pp. 96-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250080235&doi=10.1007%2FBF01208531&partnerID=40&md5=bd07af9615a5b25e953058eb5c98efa
	Vlasenko, L.A.	On the completeness of the normal solutions of the equation $Au'(t) + Bu(t) = f(t)$ (1990) Journal of Soviet Mathematics, 49 (2), pp. 883-886.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249954353&doi=10.1007%2FBF0205633&partnerID=40&md5=53014c8c1265ea252483f9d4eb89639f
111.	Yakovin, S., Zykov, A., Dudin, S., Farenik, V., Goncharov, A., Shelest, I., Kuznetsov, V.	Plasma assisted deposition of TaB2 coatings by magnetron sputtering system (2017) Problems of Atomic Science and Technology, 107 (1), pp. 187-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016103266&partnerID=40&md5=01ef8d24a1ddbf8f0d7568a28b8b52f3
	Goncharov, A.A., Zykov, A.V., Shelest, I.V., Yunda, A.N., Yakovin, S.D., Kuznetsov, V.N., Mikhalev, A.D., Buranich, V.V.	Effect of magnetron sputtering (RF and DC) parameters on the TaB2 films structure (2016) Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016, статья № 7757265, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007086467&doi=10.1109%2FNAP.2016.7757265&partnerID=40&md5=79b5e4424f4b4a07ee09545ad6898eb
	Zykova, A., Safonov, V., Goltsev, A., Dubrava, T., Rossokha, I., Smolik, J., Rogovska, R., Yakovin, S., Kolesnikov, D., Sudzhanskaya, I., Goncharov, I.	The effect of surface treatment of ceramic oxide coatings deposited by magnetron sputtering method on the adhesive and proliferative activity of mesenchymal stem cells (2016) Surface and Coatings Technology, 301, pp. 114-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959423172&doi=10.1016%2Fj.surfcoat.2016.02.048&partnerID=40&md5=0469bd93d941abe1d49c8e422acd3de1
	Zykova, A., Safonov, V., Goltsev, A., Dubrava, T., Rossokha, I., Donkov, N., Yakovin, S., Kolesnikov, D., Goncharov, I., Georgieva, V.	Surface modification of tantalum pentoxide coatings deposited by magnetron sputtering and correlation with cell adhesion and proliferation in vitro tests (2016) Journal of Physics: Conference Series, 700 (1), статья № 012027, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964801826&doi=10.1088%2F1742-6596%2F700%2F1%2F012027&partnerID=40&md5=251ce6f5edac26b4335ca85f3451ed0e
	Walkowicz, J., Zavaleyev, V., Dobruchowska, E., Murzynski, D., Donkov, N., Zykova, A., Safonov, V., Yakovin, S.	Corrosion properties of zirconium-based ceramic coatings for micro-bearing and biomedical applications (2016) Journal of Physics: Conference Series, 700 (1), статья № 012026, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964899665&doi=10.1088%2F1742-6596%2F700%2F1%2F012026&partnerID=40&md5=9abd57c8bf76f2008b4884f1224aa273
	Yakovin, S., Zykov, A., Dudin, S., Yefymenko, N.	Synthesis of thin-film TA2O5 coatings by reactive magnetron sputtering (2016) Problems of Atomic Science and Technology, 106 (6), pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007605369&partnerID=40&md5=637ea6a0ce5da0be8bae64119472c677
	Jamirzoev, A., Yakovin, S., Zykov, A.	Low pressure gas discharge in magnetically insulated diode (2015) Problems of Atomic Science and Technology, 95 (1), pp. 259-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923174683&partnerID=40&md5=8bfa8cd4a483709ee55816b1531154b7
	Yakovin, S., Zykov, A., Dudin, S., Sergiec, M., Farenik, V.	Double magnetron cluster set-up for synthesis of micro and nano structure coatings (2015) Problems of Atomic Science and Technology, 95 (1), pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923213173&partnerID=40&md5=05764554735b71474cf5626beaa283a
	Zykova, A., Safonov, V., Yanovska, A., Sukhodub, L., Rogovskaya, R., Smolik, J., Yakovin, S.	Formation of solution-derived hydroxyapatite coatings on titanium alloy in the presence of magnetron-sputtered alumina bond coats (2015) Open Biomedical Engineering Journal, 9, pp. 75-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929995242&partnerID=40&md5=c4248f31f2e9e4b1ed291795b2d7788
	Donkov, N., Zykova, A., Safonov, V., Smolik, J., Rogovska, R., Luk'Yanchenko, V., Yakovin, S.	Formation of modern bearing surfaces by ceramic coating deposition for micro-bearing and biomedical applications (2014) Romanian Reports in Physics, 66 (4), pp. 1180-1188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908407513&partnerID=40&md5=6acc91387f4248e4747e04f90ef2d821
	Donkov, N., Zykova, A., Safonov, V., Smolik, J., Rogovska, R., Luk'Yanchenko, V., Yakovin, S.	Tribological performance of ceramic coatings deposited on metal surfaces for micro-bearing biomedical applications (2014) Journal of Physics: Conference Series, 514 (1), статья № 012016, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902184118&doi=10.1088%2F1742-6596%2F514%2F1%2F012016&partnerID=40&md5=19bd5a3ad45ac4e496061f23c6197de9
	Warcholinski, B., Gilewicz, A., Lupicka, O., Rochowicz, J., Zykova, A., Safonov, V., Yakovin, S.	Mechanical and tribological characteristics of zirconium based ceramic coatings for micro-bearing application (2014) Problems of Atomic Science and Technology, 94 (6), pp. 219-222.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918572644&partnerID=40&md5=3eda76c14eacbf49df0f0e05aa77051d
	Donkov, N., Zykova, A., Safonov, V., Kolesnikov, D., Goncharov, I., Yakovin, S., Georgieva, V.	Modification of the structure and composition of Ca10 (PO 4)6 (OH)2 ceramic coatings by changing the deposition conditions in O2 and Ar (2014) Journal of Physics: Conference Series, 514 (1), статья № 012017, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902210480&doi=10.1088%2F1742-6596%2F514%2F1%2F012017&partnerID=40&md5=6c2005a37db8918e92209b1cf20e8376

	Donkov, N., Mateev, E., Safonov, V., Zykova, A., Yakovin, S. , Kolesnikov, D., Sudzhanskaya, I., Goncharov, I., Georgieva, V.	Comparative analysis of electrophysical properties of ceramic tantalum pentoxide coatings, deposited by electron beam evaporation and magnetron sputtering methods (2014) Journal of Physics: Conference Series, 558 (1), статья № 012036, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915820627&doi=10.1088%2f1742-6596%2f558%2f1%2f012036&partnerID=40&md5=45979ff0de14a954dc01036aafa8de06
	Jamirzoev, A., Yakovin, S. , Zykov, A.	Characteristics of discharge in crossed ExH fields near breakdown curve in acceleration and plasma regime (2013) Problems of Atomic Science and Technology, (1), pp. 186-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876182310&partnerID=40&md5=f4b8cc1e93565e9c2839336655e2ac47
	Yakovin, S. , Dudin, S., Zykov, A., Shyshkov, A., Farenik, V.	Technological aprobaton of integral cluster set-up for complex compound composites syntesis (2012) Problems of Atomic Science and Technology, (6), pp. 220-222.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871796027&partnerID=40&md5=362fc6c2fe96423a352de3ea1cdb2fd1c
	Dubovik, A., Fedorov, A., Katrunov, K., Lebedynskiy, A., Onischenko, G., Yakovin, S. , Zykov, A.	Structure and fluorescence of ZnW0 4 films prepared by ion beam sputtering (2012) Functional Materials, 19 (1), pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859886511&partnerID=40&md5=f40072917a393e2bbdc8a81db2cfa1b
	Yakovin, S.D. , Dudin, S.V., Zykov, A.V., Farenik, V.I.	Integral cluster set-up for complex compound composites syntesis (2011) Problems of Atomic Science and Technology, (1), pp. 152-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952458159&partnerID=40&md5=7cc9a10b4d574affd9dbe6c80ca1b6b
	Zykova, A., Safonov, V., Walkowich, J., Rogowska, R., Yakovin, S.	Corrosion properties of nitride, oxide and multilayer coatings on stainless steel and titanium-based substrates (2010) Journal of Physics: Conference Series, 223 (1), статья № 012024, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954726268&doi=10.1088%2f1742-6596%2f223%2f1%2f012024&partnerID=40&md5=075026d642d349e6b77ac6f6ea1eb74f
	Zykova, A., Safonov, V., Walkowich, J., Rogowska, R., Yakovin, S.	The influence of deposition technological process parameters on surface properties of multilayer coatings (2009) Problems of Atomic Science and Technology, (1), pp. 159-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865314355&partnerID=40&md5=e5a54c86cf3161e2d239be898d2e8ef8
	Zykova, A., Safonov, V., Walkowich, J., Rogowska, R., Yakovin, S.	The corrosion properties of multilayer coatings deposited on stainless steel and Ti4Al6V substrates (2009) Problems of Atomic Science and Technology, (1), pp. 156-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954737562&partnerID=40&md5=b3e1dfd47f0236e80e4e0b7f5672375
	Zykova, A., Safonov, V., Virva, O., Luk'Yanchenko, V., Walkowich, J., Rogowska, R., Yakovin, S.	Surface parameters modification by multilayer coatings deposition for biomedical applications (2008) Journal of Physics: Conference Series, 113 (1), статья № 012029, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649187931&doi=10.1088%2f1742-6596%2f113%2f1%2f012029&partnerID=40&md5=9c1fbecb21b34e0650502a7c2b1c5c75
	Lisovskiy, V.A., Yakovin, S.D.	Experimental study of a low-pressure glow discharge in air in large-diameter discharge tubes: I. Conditions for the normal regime of a glow discharge (2000) Plasma Physics Reports, 26 (12), pp. 1066-1075.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034346118&partnerID=40&md5=ae59057534c5bac100c3909ba7a1ad44
	Lisovskiy, V.A., Yakovin, S.D. , Yegorenkov, V.D.	Low-pressure gas breakdown in uniform dc electric field (2000) Journal of Physics D: Applied Physics, 33 (21), pp. 2722-2730.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034320038&doi=10.1088%2f0022-3727%2f33%2f21%2f2722&partnerID=40&md5=6570e8a7620e4ab7954290470a021f42
	Lisovskii, V.A., Yakovin, S.D.	Cathode layer characteristics of a low-pressure glow discharge in argon and nitrogen (2000) Technical Physics Letters, 26 (10), pp. 891-893.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034342987&partnerID=40&md5=7657f941ba705f3863041e414f702def
	Lisovsky, V.A., Yakovin, S.D.	Scaling law for a low-pressure gas breakdown in a homogeneous DC electric field (2000) JETP Letters, 72 (2), pp. 34-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040442546&partnerID=40&md5=48acfc0a82a898f2c95724c3e92ea012
	Lisovskii, V.A., Yakovin, S.D.	A modified paschen law for the initiation of a dc glow discharge in inert gases (2000) Technical Physics, 45 (6), pp. 727-731.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034335445&partnerID=40&md5=2cb4a9f7e24f990b1859297f09e4e750
	Lisovskiy, V.A., Yakovin, S.D.	Anode voltage drops of the DC discharge in air (1999) IEEE International Conference on Plasma Science, p. 176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033353608&partnerID=40&md5=f2634b4dbed337751fe5b4d479698d03
112.	Gurin, O.V., Degtyarev, A.V., Legenkiy, M.N. , Maslov, V.A., Ryabykh, V.N., Senyuta, V.S., Topkov, A.N.	Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 7851440, pp. 235-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015289407&doi=10.1109%2fCAOL.2016.7851440&partnerID=40&md5=eb7cdae7aea357e237f446b801faef7
	Antufeyeva, M., Legenkiy, M. , Maslovskiy, A.	Influence of background surface on backscattering pattern of complex shape object (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724182, pp. 179-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000444232&doi=10.1109%2fUWBUSIS.2016.7724182&partnerID=40&md5=beec96b3ea95d0b4a0ebc8a9e4672
	Legenkiy, M. , Maslovskiy, A., Antufeyeva, M.	BSP step for on-ground targets RCS measuring or calculation (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, статья № 7544052, pp. 306-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985040975&doi=10.1109%2fMMET.2016.7544052&partnerID=40&md5=e1124745e41eae0c0ee8c685b6390ceb
	Legenkiy, M. , Butrym, A.	Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538198, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984293&doi=10.1109%2fMSMW.2016.7538198&partnerID=40&md5=9abcbdf8ff8ac8ec1e85f0d337a8ce9cc
	Maslovskiy, A., Legenkiy, M. , Antufeyeva, M.	BSP step for complex target RCS measuring or calculation (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538076, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988039675&doi=10.1109%2fMSMW.2016.7538076&partnerID=40&md5=1fd201b09410137e645b8033a10519b
	Legenkiy, M.N. , Maslovskiy, A.A., Khrychev, V.S.	Processing rcs distribution for complex shape objects (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (20), pp. 1825-1836.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016963130&doi=10.1615%2fTelecomRadEng.v75.i20.30&partnerID=40&md5=97b652c1bde2ced2f511247213ba4350
	Antufeyeva, M.S., Butrym, A.Y., Kolchigin, N.N., Legenkiy, M.N. , Maslovskiy, A.A., Osinovy, G.G.	Specific RCS for describing the scattering characteristic of complex shape objects (2016) Progress In Electromagnetics Research M, 52, pp. 191-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010399555&doi=10.2528%2fPIERM16042907&partnerID=40&md5=9fc56d51071e042001b995c72dde84d6
	Butrym, A.Yu., Legenkiy, M.N.	Time domain analysis of transient radiation of dipole in dielectric sphere (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136787, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939425553&doi=10.1109%2fICATT.2015.7136787&partnerID=40&md5=cd92c0bac1fd1f33b673f752521c1e2e
	Legenkiy, M.N. , Butrym, A.Yu.	Physical features of mode basis in open dielectric structures with discrete and continuous spectrum (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (10), pp. 863-880.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901754382&doi=10.1615%2fTelecomRadEng.v73.i10.20&partnerID=40&md5=77924f856b9f6cac25704bbf92749b9a
	Legenkiy, M. , Butrym, A., Antufeyeva, M.	Evaluation of on-ground object radar detectability reduction (2014) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, статья № 6928746, pp. 254-257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910051033&doi=10.1109%2fMMET.2014.6928746&partnerID=40&md5=56de271b8b9b83a3a3b007d4e7285fd1b
	Legenkiy, M.N. , Butrym, A.Yu.	Fast pulse guided wave in an optical waveguide (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, статья № 6622001, pp. 207-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888599030&doi=10.1109%2fMSMW.2013.6622001&partnerID=40&md5=e20b6151e91bb1b2fc9a2532dfa73da3d
	Legenkiy, M.N. , Butrym, A.Yu., Sharkova, M.S.	About possibility to create a small antenna based on inhomogeneous biconical line (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, статья № 6622092, pp. 470-472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888586863&doi=10.1109%2fMSMW.2013.6622092&partnerID=40&md5=9df8ae63e998aff3107c74e147fe46f8

	Legenkiy, M.N. , Butrym, A.Y.	Excitation of fast pulse guided wave in receiving dielectric rod antenna (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650806, pp. 444-446.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898652108&doi=10.1109%2FICATT.2013.6650806&partnerID=40&md5=1ab86ead357fe4d434a7015325081bfa
	Legenkiy, M. , Butrym, A.	Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, статья № 6331278, pp. 172-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870805147&doi=10.1109%2FMMET.2012.6331278&partnerID=40&md5=a4704f3ae595b6650cc4fe9da00e0f35
	Butrym, A.Yu., Legenkiy, M.N.	Properties of pulse surface waves in a dielectric waveguide (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379814, pp. 309-311.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872257295&doi=10.1109%2FUWBUSIS.2012.6379814&partnerID=40&md5=55b25ae0b509b2a218fcd9ee6ac708
	Butrym, A.Yu., Legenkiy, M.N. , Hao, X.	Effects of tem-horn antenna tapering (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379784, pp. 215-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872230984&doi=10.1109%2FUWBUSIS.2012.6379784&partnerID=40&md5=c2c6b189f86a58a0292e62fee5dbaf6b
	Legenkiy, M. , Butrym, A.	Pulse signals in open circular dielectric waveguide (2011) Progress In Electromagnetics Research Letters, 22, pp. 9-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955381969&partnerID=40&md5=170b8aec54172bd3599685a40b4aee63
	Legenkiy, M.N. , Butrym, A.Yu.	Impulse signal propagation in open dielectric circular waveguide (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS2010, статья № 5609170, pp. 119-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650151954&doi=10.1109%2FUWBUSIS.2010.5609170&partnerID=40&md5=d70fa23a16dde11bcc34cf3beba3236f
	Legenkiy, M. , Butrym, A.	Modeling pulse radiation of rod antenna by method of mode matching in time domain (2010) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, статья № 5611396, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649299039&doi=10.1109%2FMMET.2010.5611396&partnerID=40&md5=0dfdd4b8736f31dee537cd27abbc49c0
	Legenkiy, M.N. , Butrym, A.Yu.	Mode basis construction for open dielectric circular waveguide by integral equation method (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW2010, статья № 5546185, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957360760&doi=10.1109%2FMSMW.2010.5546185&partnerID=40&md5=de69286778e7bcc886db1167ac20c90c
	Legenkiy, M.N. , Butrym, A.Y.	Method of mode matching in time domain (2010) Progress In Electromagnetics Research B, (22), pp. 257-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955495910&partnerID=40&md5=ee581f779d6f1b707470d34d471a1229
	Butrym, A.Y., Kochetov, B.A., Legenkiy, M.N.	Numerical analysis of simple TEM conical-like antennas using mode matching in time domain (2009) European Conference on Antennas and Propagation, EuCAP 2009, Proceedings, статья № 5068342, pp. 3471-3475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349859930&partnerID=40&md5=7665d6655eb7eaf9d277780da87af5f4
	Butrym, A.Y., Legenkiy, M.N.	Charge transport by a pulse E-wave in a waveguide with conductive medium (2009) Progress In Electromagnetics Research B, (15), pp. 325-346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-69949101502&partnerID=40&md5=b7996921bf348912d9dc2c80ab0f2feff
	Legenkiy, M.N. , Yu, Z., Yu, B.A.	Mode-matching in Time Domain (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, статья № 4669416, pp. 225-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649198480&doi=10.1109%2FUWBUSIS.2008.4669416&partnerID=40&md5=e4b1673da737256dae48409d49d8f799
	Legenkiy, M. , Butrym, A.	Mode basis method for open dielectric waveguides (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, статья № 4581005, pp. 392-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749091944&doi=10.1109%2FMMET.2008.4581005&partnerID=40&md5=ae4026370362807f8fc14dfid4593088
	Butrym, A.Yu., Legenkiy, M.N.	Absorbing boundary condition for FDTD modeling of waveguides with lossy medium (2007) MSMW07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, статья № 4294641, pp. 298-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249083452&doi=10.1109%2FMSMW.2007.4294641&partnerID=40&md5=851178fe89cf5c1306d2250f82475
	Butrym, A.Yu., Legenkiy, M.N.	Comparison of absorbing boundary conditions for numerical analysis of periodic structures (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425170, pp. 239-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849092647&doi=10.1109%2FICATT.2007.4425170&partnerID=40&md5=5ab8ace96cc1133b59c557b7590d3080
113.	Lupishko, D.F. , Shkuratov, Y.G.	On spectral dependence of polarization of asteroids (2016) Solar System Research, 50 (5), pp. 329-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987915607&doi=10.1134%2FS0038094616050026&partnerID=40&md5=15fe45c6f6579a709d5e1b6b4eb23ddc
	Lupishko, D. , Tieliousova, I.	Influence of the YORP effect on rotation rates of near-earth asteroids (2014) Meteoritics and Planetary Science, 49 (1), pp. 80-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892800687&doi=10.1111%2Fmpps.12149&partnerID=40&md5=ef86b80e5383ece499c15bf34bbec3ff
	Lupishko, D.F. , Telesova, I.N.	Axial rotation of near-earth asteroids: The influence of the YORP effect (2013) Solar System Research, 47 (1), pp. 20-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872956560&doi=10.1134%2FS0038094613010048&partnerID=40&md5=1a7ebc27749cdc932c74183887872ca9
	Lupishko, D.F. , Mohamed, R.A.	Asteroids 1 Ceres and 4 Vesta: Objects of the Dawn space mission (2009) Solar System Research, 43 (6), pp. 475-482.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71049172078&doi=10.1134%2FS0038094609060021&partnerID=40&md5=237075441286ad75b8cda8ad7f984bc7
	Krugly, Yu.N., Maccone, C., Gaftonyuk, N.M., Lupishko, D.F. , Shevchenko, V.G., Velichko, F.P.	11 264 Claudiomaccone: Small binary main-belt asteroid (2007) Planetary and Space Science, 55 (4), pp. 449-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846918857&doi=10.1016%2Fj.pss.2006.09.006&partnerID=40&md5=1335696239ba8b9693acbc4215523bc1
	Lupishko, D.F. , Di Martino, M., Binzel, R.P.	Near-Earth objects as principal impactors of the Earth: Physical properties and sources of origin (2006) Proceedings of the International Astronomical Union, 2 (S236), pp. 251-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049013055&doi=10.1017%2FS1743921307003304&partnerID=40&md5=930668c6ce30defc856abe02f2ec261f
	Krugly, Yu.N., Gaftonyuk, N.M., Belskaya, I.N., Chiorny, V.G., Shevchenko, V.G., Velichko, F.P., Lupishko, D.F. , Konovalenko, A.A., Falkovich, I.S., Molotov, I.E.	Kharkiv study of near-Earth asteroids (2006) Proceedings of the International Astronomical Union, 2 (S236), pp. 385-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049002618&doi=10.1017%2FS174392130700347X&partnerID=40&md5=57ae0d5476ed8ae9193c298f0d3f2fbe
	Lupishko, D.F.	On the bulk density of the M-type asteroid 16 Psyche (2006) Solar System Research, 40 (3), pp. 214-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745194591&doi=10.1134%2FS0038094606030051&partnerID=40&md5=c2a777911a78e32b1b15d3aea5c21073
	Binzel, R.P., Lupishko, D.F.	Properties of the near-Earth object population: The ACM 2005 view (2005) Proceedings of the International Astronomical Union, 1 (S229), pp. 207-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40649111638&doi=10.1017%2FS1743921305006757&partnerID=40&md5=ffbd2109b7e7b7c44b56ff0ce3b8f90
	Kiselev, N.N., Lupishko, D.F.	Properties and peculiarities of Mercury's regolith. Disk-integrated polarimetry in 2000-2002 (2004) Solar System Research, 38 (2), pp. 85-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4043083483&doi=10.1023%2FB%3aSOLS.0000022819.93494.4d&partnerID=40&md5=ad15224ce95c49638bd6d3f333a0f9
	Kiselev, N.N., Rosenbush, V.K., Jockers, K., Velichko, F.P., Shakhovskoi, N.M., Efimov, Yu.S., Lupishko, D.F. , Rumyantsev, V.V.	Polarimetry of near-earth asteroid 33342 (1998 WT24). Synthetic phase angle dependence of polarization for the E-type asteroids (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 887-890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664910&partnerID=40&md5=2651e08e937b1fefa6b859144afa51c0
	Lupishko, D.F. , Lupishko, T.A.	On the Origins of Earth-Approaching Asteroids (2007) Solar System Research, 35 (3), pp. 227-233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035603148&doi=10.1023%2FA%3a1010431023010&partnerID=40&md5=ef2ed01fc1b354644de76d2feafc17a5
	Lupishko, D.F. , Efimov, Yu.S., Shakhovskoi, N.M.	Position-angle variations of the polarization plane of asteroid 4 vesta (1999) Solar System Research, 33 (1), pp. 45-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644560300&partnerID=40&md5=66d7b9161515e7d27a40cf2a4e5202e7
	Lupishko, D.F.	Bimodality in the albedo distribution of S-asteroids (1998) Solar System Research, 32 (3), pp. 233-237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644476212&partnerID=40&md5=b567edec8d1473e104ec70cd567c099

	Lupishko, D.F.	Improved IRAS albedos and diameters of asteroids (1998) Solar System Research, 32 (2), pp. 122-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2204447670&partnerID=40&md5=2ed60a1075b63d41e7d4b54ad30877ef
	Shevchenko, V.G., Lupishko, D.F.	Optical properties of asteroids from photometric data (1998) Solar System Research, 32 (3), pp. 220-232.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644506901&partnerID=40&md5=01fe000943b351642c6212d6b29b8d97
	Lupishko, D.F. , Di Martino, M.	Physical properties of near-earth asteroids (1998) Planetary and Space Science, 46 (1), pp. 47-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0010601237&partnerID=40&md5=654015be790dd14a781d215bb74cd53f
	Belskaya, I.N., Lupishko, D.F. , Dovgopol, A.N.	Near-Earth asteroids: Surface structure and shapes (1996) Earth, Moon and Planets, 72 (1-3), pp. 215-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029776236&partnerID=40&md5=6355ba566ddf981156eb167379768d33
	Magnusson, P., Dahlgren, M., Barucci, M.A., Jorda, L., Binzel, R.P., Slivan, S.M., Blanco, C., Riccioli, D., Buratti, B.J., Colas, F., Berthier, J., De Angelis, G., Di Martino, M., Dotto, E., Drummond, J.D., Fink, U., Hicks, M., Grundy, W., Wisniewski, W., Gaftonyuk, N.M., Geyer, E.H., Bauer, T., Hoffmann, M., Ivanova, V., Komitov, B., Donchev, Z., Denchev, P., Krugly, Yu.N., Velichko, F.P., Chiorniy, V.G., Lupishko, D.F. , Shevchenko, V.G., Kwiatkowski, T., Kryszczyńska, A., Lahulla, J.F., Licandro, J., Mendez, O., Mottola, S., Erikson, A., Ostro, S.J., Pravec, P., Pych, W., Tholen, D.J., Whiteley, R., Wild, W.J., Wolf, M., Šarounová, L.	Photometric observations and modeling of asteroid 1620 Geographos (1996) Icarus, 123 (1), pp. 227-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16144366535&doi=10.1006%2ficar.1996.0151&partnerID=40&md5=6cdedfd3e9ae04a7631d076ed29f53c
	Lupishko, D.F. , Mohamed, R.A.	A new calibration of the polarimetric Albedo scale of asteroids (1996) Icarus, 119 (1), pp. 209-213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029688545&doi=10.1006%2ficar.1996.0013&partnerID=40&md5=6197dd1e4d39235c6c5f61455ab3583f
	Chernova, G.P., Kiselev, N.N., Krugly, Yu.N., Lupishko, D.F. , Shevchenko, V.G., Velichko, F.P., Mohamed, R.A.	Photometry of amor asteroids 1036 ganymede and 1627 Ivar (1995) Astronomical Journal, 110 (4), pp. 1875-1878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011689324&partnerID=40&md5=90977db967227198ff0da999a16b0f7
	Mohamed, R.A., Krugly, Y.N., Lupishko, D.F.	Light curves and rotation periods of asteroids 371 bohemia, 426 hippo, 480 hansa, and 735 marghanna (1995) Astronomical Journal, 109 (4), pp. 1877-1879.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11944259970&partnerID=40&md5=20c55019f0303277458c458939fa2410
	Lupishko, D.F. , Vasilyev, S.V., Efimov, Ju.S., Shakhovskoj, N.M.	UBVRI-Polarimetry of Asteroid 4179 Toutatis (1995) Icarus, 113 (1), pp. 200-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000482177&doi=10.1006%2ficar.1995.1016&partnerID=40&md5=0e77b7d52881867e6617c34c7a175c24
	Shevchenko, V.G., Chiornij, V.G., Krugly, Yu.N., Lupishko, D.F. , Mohamed, R.A., Velichko, F.P., Michałowski, T., Avramchuk, V.V., Dovgopol, A.N.	Photometry of seventeen asteroids (1992) Icarus, 100 (2), pp. 295-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0006177856&doi=10.1016%2f0019-1035%2892%2990102-D&partnerID=40&md5=c30d27d56fbee828aa238afd2979be3
	Harris, A.W., Lupishko, D.F.	Photometric lightcurve observations and reduction techniques (1989) Asteroids II, pp. 39-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024923039&partnerID=40&md5=a49ef2b95301852cd3796a3c2db8d7be
	Lupishko, D.F. , Belskaya, I.N.	On the surface composition of the M-type asteroids (1989) Icarus, 78 (2), pp. 395-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040144726&doi=10.1016%2f0019-1035%2889%2990186-3&partnerID=40&md5=269030f8fb34909afa85a1e0056894ee
	Hahn, G., Magnusson, P., Harris, A.W., Young, J.W., Belkora, L.A., Fico, N.J., Lupishko, D.F. , Shevchenko, V.G., Velichko, F.P., Burchi, R., Ciunci, G., Di Martino, M., Debehogne, H.	Physical studies of Apollo-Amor asteroids: UBVRI photometry of 1036 Ganymed and 1627 Ivar (1989) Icarus, 78 (2), pp. 363-381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011637868&doi=10.1016%2f0019-1035%2889%2990184-X&partnerID=40&md5=cdb9eedcc5e184cdefa328fdb52712a
114.	Moskalets, T.M., Nurmagambetov, A.J.	Static and non-static black holes with the Liouville mode (2017) Physics of Particles and Nuclei Letters, 14 (2), pp. 365-367.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015404982&doi=10.1134%2fS1547477117020224&partnerID=40&md5=b591ed4c1aa3c4d203cc8537de602ede
	Moskalets, T.M., Nurmagambetov, A.J.	Non-uniform horizons in Gauge/Gravity Duality (2016) Physics of Atomic Nuclei, 79 (11-12), pp. 1497-1499.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015245863&doi=10.1134%2fS1063778816100094&partnerID=40&md5=e81c498a778350816af29a88ff0cccb
	Moskalets, T., Nurmagambetov, A.	Liouville mode in gauge/gravity duality (2015) European Physical Journal C, 75 (11), статья № 551, pp. 1-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948742328&doi=10.1140%2fepjc%2fS10052-015-3772-3&partnerID=40&md5=89bfcbaef95836f6e40419c7d7b978e
	Ivanov, E.A., Nurmagambetov, A.J. , Zupnik, B.M.	Unifying the PST and the auxiliary tensor field formulations of 4D self-duality (2014) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 731, pp. 298-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897820219&doi=10.1016%2fj.physletb.2014.02.052&partnerID=40&md5=7e9ac41c39d86fd53c8ad355e0336935
	Nurmagambetov, A.J.	M5s and n3 (2014) Physics of Particles and Nuclei Letters, 11 (7), pp. 957-959.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920437210&doi=10.1134%2fS1547477114070358&partnerID=40&md5=ccb2f56d622f9caf6fb82db08cdda51
	Hatefi, E., Nurmagambetov, A.J. , Park, I.Y.	ADM reduction of IIB on Hp,q and dS braneworld (2013) Journal of High Energy Physics, 2013 (4), статья № 170, pp. 1-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928253503&doi=10.1007%2fJHEP04%282013%29170&partnerID=40&md5=021e0164649e51c070eac4f4e382d9b
	Berezovoj, V.P., Konchatnij, M.I., Nurmagambetov, A.J.	Tunneling dynamics in exactly solvable models with triple-well potentials (2013) Journal of Physics A: Mathematical and Theoretical, 46 (6), статья № 065302, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873138758&doi=10.1088%2f1751-8113%2f46%2f6%2f065302&partnerID=40&md5=fa5328136f23439633725a59086386b8
	Hatefi, E., Nurmagambetov, A.J. , Park, I.Y.	N 3 entropy of M5 branes from dielectric effect (2013) Nuclear Physics B, 866 (1), pp. 58-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866046106&doi=10.1016%2fj.nuclphysb.2012.08.014&partnerID=40&md5=232320a9f21c6410f9a9f594090f0b92
	Hatefi, E., Nurmagambetov, A.J. , Park, I.Y.	Near-extremal black branes with n3 entropy growth (2012) International Journal of Modern Physics A, 27 (31), статья № 1250182, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871021323&doi=10.1142%2fS0217751X12501825&partnerID=40&md5=f73921ddb802eba216e81b39b6dc714
	Nurmagambetov, A.J.	Analytical approach to 2d holographic superconductor (2012) Physics of Particles and Nuclei, 43 (5), pp. 679-681.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866466047&doi=10.1134%2fS1063779612050292&partnerID=40&md5=6d6690c4de98ae426d86b21ef5be2889
	Nurmagambetov, A.J. , Park, I.Y.	Fuzzy Kaluza-Klein induced M2's from a single M5 (2012) Nuclear Physics B, 858 (1), pp. 48-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855987392&doi=10.1016%2fj.nuclphysb.2011.12.018&partnerID=40&md5=c9a7e8a396b10c78253545aa68f9e29c
	Nurmagambetov, A.J.	How old supergravity is: Thirty five years or more? (2011) Problems of Atomic Science and Technology, (5), pp. 3-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054682763&partnerID=40&md5=1fa316237f8e74d21d0a0914eeacbdd
	Nurmagambetov, A.J.	Non-linear parent action and dual N = 1 D = 4 supergravity (2009) Ukrainian Journal of Physics, 54 (11), pp. 1063-1067.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70749121335&partnerID=40&md5=ceb2cd83a7e601454442e31ce5fddc6c

	Nurmagambetov, A.J.	Quantum-consistent superstring models in four dimensional Space-time (2009) Problems of Atomic Science and Technology, (5), pp. 3-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549276538&partnerID=40&md5=11f5fa33723c3de14cdef78e1eeec4b3
	Nurmagambetov, A.J.	Hidden symmetries of M-theory and its dynamical realization (2008) Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 4, статья № 022, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857313259&doi=10.3842%2FSIGMA.2008.022&partnerID=40&md5=1970ff7c72d67455fc0b643f807b6c8c
	Nurmagambetov, A.J.	Duality-symmetric approach to general relativity and supergravity (2006) Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2, статья № 020, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84889235769&doi=10.3842%2FSIGMA.2006.020&partnerID=40&md5=0550c41b39d9bbfa62b694d02291da02
	Nurmagambetov, A.J.	Diagrammar and metamorphosis of coset symmetries in dimensionally reduced type IIB supergravity (2004) JETP Letters, 79 (7), pp. 355-359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444452522&doi=10.1134%2f1.1765182&partnerID=40&md5=413787920fb222f9e84321cb1c9e475e
	Nurmagambetov, A.J.	On the sigma-model structure of type IIA supergravity action in doubled field approach (2004) JETP Letters, 79 (5), pp. 191-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-15844426669&doi=10.1134%2f1.1753413&partnerID=40&md5=6e7e0a3c905dc4b42d1b435ef5f84823
	Bandos, I.A., Nurmagambetov, A.J., Sorokin, D.P.	Various faces of type IIA supergravity (2004) Nuclear Physics B, 676 (1-2), pp. 189-228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344196693&doi=10.1016%2fj.nuclphysb.2003.10.036&partnerID=40&md5=09255b4a8c241dd8652e0e334580d4d2
	Nurmagambetov, A.J., Park, I.Y.	On the M5 and the AdS7/CFT6 correspondence (2002) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 524 (1-2), pp. 185-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037011887&doi=10.1016%2fS0370-2693%2801%2901375-2&partnerID=40&md5=04e5fab84963ded11ccf3f940b984aad
	Nurmagambetov, A.J.	Global space-time symmetry gauging and Kaluza-Klein dimensional reduction (2001) Nuclear Physics B - Proceedings Supplements, 102-103 (1-3), pp. 176-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035457220&doi=10.1016%2fS0920-5632%2801%2901554-7&partnerID=40&md5=5d2df9b4f2d913e57d84cac92117c015
	Bandos, I., Nurmagambetov, A., Sorokin, D.	The type IIA NS5-brane (2000) Nuclear Physics B, 586 (1-2), pp. 315-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000977025&partnerID=40&md5=2ec9921c304c0222c6a64a494081dfd3
	Nurmagambetov, A.	Duality-symmetric three-brane and its coupling to type IIB supergravity (1998) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 436 (3-4), pp. 289-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001505377&partnerID=40&md5=389ea972e3987e1894a32dc875988a2a
	Bandos, I., Lechner, K., Nurmagambetov, A., Pasti, P., Sorokin, D., Tonin, M.	Covariant action for the super-five-brane of M theory (1997) Physical Review Letters, 78 (23), pp. 4332-4334.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000219439&partnerID=40&md5=5f4eea38d8b5fd8afdb388028a2a7482
	Bandos, I., Lechner, K., Nurmagambetov, A., Pasti, P., Sorokin, D., Tonin, M.	On the equivalence of different formulations of the M theory five-brane (1997) Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 408 (1-4), pp. 135-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009242371&partnerID=40&md5=4b7a8527a1d599b32b8fd1732cb32a2a
	Bandos, I.A., Nurmagambetov, A.Yu.	Generalized action principle and extrinsic geometry for N = 1 superparticles (1997) Classical and Quantum Gravity, 14 (7), pp. 1597-1621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031534828&doi=10.1088%2f0264-9381%2f14%2f7%2f004&partnerID=40&md5=0074eb67baaf18ca8c99f6c6f746985e
	Bandos, I.A., Nurmagambetov, A., Sorokin, D., Volkov, D.V.	Twistor-like superparticles revisited (1995) Classical and Quantum Gravity, 12 (8), статья № 006, pp. 1881-1891.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844497383&doi=10.1088%2f0264-9381%2f12%2f8%2f006&partnerID=40&md5=79d849e8f28c1ae243dc140e1d46c362
115.	Zyman, Z., Eppe, M., Goncharenko, A., Rokhmistrov, D., Prymak, O., Loza, K.	Peculiarities in thermal evolution of precipitated amorphous calcium phosphates with an initial Ca/P ratio of 1:1 (2017) Journal of Materials Science: Materials in Medicine, 28 (3), статья № 52, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012906129&doi=10.1007%2f10856-016-5820-4&partnerID=40&md5=5eb0c9de8cd9ea76a6d0ed4680769838
	Zyman, Z., Eppe, M., Goncharenko, A., Rokhmistrov, D., Prymak, O., Loza, K.	Thermally induced crystallization and phase evolution in powders derived from amorphous calcium phosphate precipitates with a Ca/P ratio of 1:1 (2016) Journal of Crystal Growth, 450, pp. 190-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977614083&doi=10.1016%2fj.jcrysgro.2016.06.014&partnerID=40&md5=13b9f833ce1543115763ec3c3e3398ce
	Zyman, Z., Eppe, M., Goncharenko, A., Rokhmistrov, D.	Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface (2013) Materialwissenschaft und Werkstofftechnik, 44 (2-3), pp. 259-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875277030&doi=10.1002%2fmawe.201300095&partnerID=40&md5=f85c1c64d825cf9ecd92892afa30c4c9
	Zyman, Z., Rokhmistrov, D., Glushko, V.	Structural changes in precipitates and cell model for the conversion of amorphous calcium phosphate to hydroxyapatite during the initial stage of precipitation (2012) Journal of Crystal Growth, 353 (1), pp. 5-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861429622&doi=10.1016%2fj.jcrysgro.2012.04.041&partnerID=40&md5=69cc7bff757603fac02f0ba4ab594616
	Zyman, Z., Tkachenko, M.	CO2 gas-activated sintering of carbonated hydroxyapatites (2011) Journal of the European Ceramic Society, 31 (3), pp. 241-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649468185&doi=10.1016%2fj.jeurceramsoc.2010.09.005&partnerID=40&md5=09ec7fd8dc98d68396d996533d98bf8e
	Zyman, Z., Goncharenko, A., Rokhmistrov, D., Eppe, M.	Nanocrystalline calcium-deficient hydroxyapatite prepared by a microwave-assisted solvent-free reaction (2011) Materialwissenschaft und Werkstofftechnik, 42 (2), pp. 154-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951993021&doi=10.1002%2fmawe.201100749&partnerID=40&md5=7515ecb0f8626df9d421e09ae2a2899a
	Zyman, Z.Z., Rokhmistrov, D.V., Glushko, V.I.	Structural and compositional features of amorphous calcium phosphate at the early stage of precipitation (2010) Journal of Materials Science: Materials in Medicine, 21 (1), pp. 123-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74949108433&doi=10.1007%2f10856-009-3856-4&partnerID=40&md5=f7db7c849385d17507fd7866d5cc21ab
	Zyman, Z.Z., Rokhmistrov, D.V., Glushko, V.I., Ivanov, I.G.	Thermal impurity reactions and structural changes in slightly carbonated hydroxyapatite (2009) Journal of Materials Science: Materials in Medicine, 20 (7), pp. 1389-1399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649103554&doi=10.1007%2f10856-009-3706-4&partnerID=40&md5=a2e0cfe00f4caa2294e0c4a57262b4c4
	Zyman, Z., Eppe, M., Rokhmistrov, D., Glushko, V.	On impurities and the internal structure in precipitates occurring during the precipitation of Nanocrystalline calcium phosphate (2009) Materialwissenschaft und Werkstofftechnik, 40 (4), pp. 297-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649191814&doi=10.1002%2fmawe.200800445&partnerID=40&md5=d3aa3319e4a6818cc00750fc4ad6b8b7
	Zyman, Z.Z., Tkachenko, M.V., Polevodin, D.V.	Preparation and characterization of biphasic calcium phosphate ceramics of desired composition (2008) Journal of Materials Science: Materials in Medicine, 19 (8), pp. 2819-2825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44949213995&doi=10.1007%2f10856-008-3402-9&partnerID=40&md5=5f02f5b591921a983cf1e1718535fc2d
	Zyman, Z., Glushko, V., Dedukh, N., Malyszhkina, S., Ashukina, N.	Porous calcium phosphate ceramic granules and their behaviour in differently loaded areas of skeleton (2008) Journal of Materials Science: Materials in Medicine, 19 (5), pp. 2197-2205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149160305&doi=10.1007%2f10856-007-3311-3&partnerID=40&md5=2c448a22ad2d1c9d795b8294b6e37690
	Zyman, Z., Rokhmistrov, D., Ivanov, I., Eppe, M.	The influence of foreign ions on the crystal lattice of hydroxyapatite upon heating (2006) Materialwissenschaft und Werkstofftechnik, 37 (6), pp. 530-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745755415&doi=10.1002%2fmawe.200600032&partnerID=40&md5=2d8e0aa3237e5f2b04411f862d254735
	Zyman, Z., Tkachenko, M., Eppe, M., Polyakov, M., Naboka, M.	Magnesium-substituted hydroxyapatite ceramics (2006) Materialwissenschaft und Werkstofftechnik, 37 (6), pp. 474-477.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745758418&doi=10.1002%2fmawe.200600022&partnerID=40&md5=143b4e90e5c9bed4f5cae6fe96ae5041
	Zyman, Z., Glushko, V., Filippenko, V., Radchenko, V., Mezentsev, V.	Nonstoichiometric hydroxyapatite granules for orthopaedic applications (2004) Journal of Materials Science: Materials in Medicine, 15 (5), pp. 551-558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543021551&doi=10.1023%2fB%3aJMSM.0000026099.74563.db&partnerID=40&md5=e11685e330cbf3c47e148c74546d994a0
	Van Raamsdonk, J.M., Chang, P.L.	Osmotic pressure test: A simple, quantitative method to assess the mechanical stability of alginate microcapsules (2001) Journal of Biomedical Materials Research, 54 (2), pp. 264-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035255307&doi=10.1002%2f1097-4636%28200102%2954%3a2%3c264%3a3aAID-JBM14%3e3.0.CO%3b2-7&partnerID=40&md5=1fc8b1f7382e9b8b3291140bc3841aeb

	Zyman, Z. , Ivanov, I., Rochmistrov, D., Glushko, V., Tkachenko, N., Kijko, S.	Sintering peculiarities for hydroxyapatite with different degrees of crystallinity (2001) Journal of Biomedical Materials Research, 54 (2), pp. 256-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035255364&doi=10.1002%2F1097-4636%28200102%2954%3a2%3c256%3a3aAID-JBM13%3e3.0.CO%3b2-B&partnerID=40&md5=08d114e9e43992e15023000a40a4f1d2
	Zyman, Z.Z. , Ivanov, I.G., Glushko, V.I., Kijko, S.M., Surov, Y.N., Chmutov, V.M.	Preparation and properties of inhomogeneous hydroxyapatite ceramics (1999) Journal of Biomedical Materials Research, 46 (2), pp. 135-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033038934&doi=10.1002%2F%28SIC1%291097-4636%28199908%2946%3a2%3c135%3a3aAID-JBM1%3e3.0.CO%3b2-M&partnerID=40&md5=cc27474d1b659785d7116e716691d383
	Zyman, Z.Z. , Ivanov, I.G., Glushko, V.I.	Possibilities for strengthening hydroxyapatite ceramics (1999) Journal of Biomedical Materials Research, 46 (1), pp. 73-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032901937&doi=10.1002%2F%28SIC1%291097-4636%28199907%2946%3a1%3c73%3a3aAID-JBM8%3e3.0.CO%3b2-4&partnerID=40&md5=015c86eca6d82562a1a67afce4722f7e
	Glushko, V.I., Zyman, Z.Z.	Hydrate state of Teflon surface in a vacuum (1998) Surface Investigation X-Ray, Synchrotron and Neutron Techniques, 13 (10), pp. 1337-1341.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032320857&partnerID=40&md5=5151787b9a97ae04b070158ab1468a9f
	Zyman, Z. , Ivanov, I., Glushko, V., Dedukh, N., Malyshkina, S.	Inorganic phase composition of remineralisation in porous CaP ceramics (1998) Biomaterials, 19 (14), pp. 1269-1273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032126793&doi=10.1016%2F%28S0142-9612%2898%2900024-6&partnerID=40&md5=3f4c52ff8f348552227c32f49b4876
	Zyman, Z. , Weng, J., Liu, X., Li, X., Zhang, X.	Phase and structural changes in hydroxyapatite coatings under heat treatment (1994) Biomaterials, 15 (2), pp. 151-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028144223&doi=10.1016%2F%28S0142-9612%2894%2990265-8&partnerID=40&md5=b393c7ab43f030b8703830a1e08c8e0
	Zyman, Z. , Cao, Y., Zhang, X.	Periodic crystallization effect in the surface layers of coatings during plasma spraying of hydroxyapatite (1993) Biomaterials, 14 (15), pp. 1140-1144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027722011&doi=10.1016%2F%28S0142-9612%2893%2990158-X&partnerID=40&md5=337e5e11a617b92970d5b9294f9bd2d
	Zyman, Z. , Weng, J., Liu, X., Zhang, X., Ma, Z.	Amorphous phase and morphological structure of hydroxyapatite plasma coatings (1993) Biomaterials, 14 (3), pp. 225-228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027551784&doi=10.1016%2F%28S0142-9612%2893%2990027-Y&partnerID=40&md5=562ad3e24f90c143c14c989b36c779f
	Weng, J., Liu, X., Zhang, X., Ma, Z., Ji, X., Zyman, Z.	Further studies on the plasma-sprayed amorphous phase in hydroxyapatite coatings and its deamorphization (1993) Biomaterials, 14 (8), pp. 578-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027625508&doi=10.1016%2F%28S0142-9612%2893%2990174-Z&partnerID=40&md5=cb5f97d814d77fd163c3e98d0a49f487
	Zyman, Z.Z.	Investigation of adsorbed water layers on an alkali halide crystal surface using titanium condensates (1992) Physics, chemistry and mechanics of surfaces, 7 (10), pp. 2456-2463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026959672&partnerID=40&md5=764f87d08b0573ea6439cf23741335b3
	Zyman, Z.Z. , Glushko, V.I.	Stabilization of the f.c.c. structure of titanium hydrides by an oxygen impurity in condensed films (1988) Physics of Metals and Metallography, 66 (2), pp. 193-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024179356&partnerID=40&md5=113221bd3ce344c668c6c4ef2b33bd8
	Zyman, Z.Z. , Glushko, V.I.	EFFECT OF SUBSTRATE TREATMENT ON THE VARIATION OF THE CRYSTAL STRUCTURE IN FILMS OF CONDENSED TITANIUM DURING GROWTH. (1987) Physics and chemistry of materials treatment, 21 (3), pp. 258-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023343080&partnerID=40&md5=f3f14e0b2bf0d16327cd1621fed47fa1
116.	Dikiy, N.P., Dovbnya, A.N., Lyashko, Y.V., Medvedeva, E.P., Medvedev, D.V., Fedorets, I.D.	Modification of nanomaterial by radiation (2016) Problems of Atomic Science and Technology, 105 (5), pp. 83-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994236794&partnerID=40&md5=3170546db04e5a7858f505c23744f713
	Dikiy, N.P., Lyashko, Y.V., Medvedeva, E.P., Medvedev, D.V., Rekova, L.P., Fedorets, I.D.	Deposit of bone-seeking radionuclides in teeth of patients with odontogenic diseases (2016) Problems of Atomic Science and Technology, 105 (5), pp. 55-58.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994246093&partnerID=40&md5=f213ed1b17a8151cb4c349f5c34ee89c
	Dikiy, N.P., Lyashko, Y.V., Medvedeva, E.P., Katalevskaya, D.S., Medvedev, D.V., Parkhomenko, Y.G., Yatsuk, M.A., Fedorets, I.D.	Men-made radionuclides in lichens and mosses of the Kharkiv region (2016) Problems of Atomic Science and Technology, 103 (3), pp. 158-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976415516&partnerID=40&md5=16bc97b8f2608ff976837ea8da776a6a
	Dikiy, N.P., Dovbnya, A.N., Lyashko, Y.V., Medvedev, D.V., Medvedeva, E.P., Fedorets, I.D.	Radiative stability and sorption ability of clinoptilolite nanoparticles (2015) Problems of Atomic Science and Technology, 97 (3), pp. 76-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932159834&partnerID=40&md5=441bb004ea580d073e2f1c546c663671
	Dikiy, N.P., Dovbnya, A.N., Krasnoselsky, N.V., Lyashko, Y.V., Medvedeva, E.P., Medvedev, D.V., Uvarov, V.L., Fedorets, I.D.	The use of molybdenum oxide nanoparticles for production of free isotope Mo-99 (2015) Problems of Atomic Science and Technology, 100 (6), pp. 154-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953327677&partnerID=40&md5=137ea3d1b440c2d6177168d44adf6833
	Dikiy, N.P., Dovbnya, A.N., Lyashko, Y.V., Medvedev, D.V., Medvedeva, E.P., Botova, M.A., Fedorets, I.D.	Radionuclide accumulation by objects of ecosystem (2014) Problems of Atomic Science and Technology, 93 (5), pp. 45-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907965728&partnerID=40&md5=cae83f1023f0d3f541d937f76742b021
	Dikiy, N.P., Dovbnya, A.N., Lyashko, Y.V., Medvedev, D.V., Medvedeva, E.P., Botova, M.A., Khlapova, N.P., Fedorets, I.D.	Radionuclide biosorption by the aquatic plants of Pistia stratiotes (2014) Problems of Atomic Science and Technology, 93 (5), pp. 50-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907963267&partnerID=40&md5=b547f2cbe0227827be712536e72b40d
	Dikiy, N.P., Dovbnya, A.N., Lyashko, Y.V., Medvedev, D.V., Medvedeva, E.P., Repikhov, O.A., Saenko, S.Y., Shkuropatenko, V.A., Tarasov, R.V., Fedorets, I.D. , Khlapova, N.P.	Cesium, strontium and sodium diffusion in magnesium kalium phosphates system (2014) Problems of Atomic Science and Technology, 93 (5), pp. 39-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908011022&partnerID=40&md5=6d2a525d5a12017860483a3e56125a57
	Aizatskyi, M.I., Dikiy, N.P., Dovbnya, A.N., Fedorets, I.D. , Kushnir, V.A., Lyashko, Y.V., Medvedev, D.V., Mytrochenko, V.V., Onishchenko, I.N., Perezhogin, S.A., Pelichaty, N.M., Danilenko, I.A., Konstantinova, T.E.	Influence of high-energy electrons irradiation on nanoceramics properties of zirconia (2013) Problems of Atomic Science and Technology, 88 (6), pp. 161-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891600758&partnerID=40&md5=ec056903e80a9d1c391806e80efdde78
	Dikiy, N.P., Dovbnya, A.N., Lyashko, Y.V., Nikiforov, V.I., Uvarov, V.L., Fedorets, I.D.	Excitation of isomeric Low-Lying level of nucleus ¹⁸¹ Ta by relativistic electrons (2013) Problems of Atomic Science and Technology, (3), pp. 175-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879138439&partnerID=40&md5=478db1025ca9370ccb1ad22a551e8e17
	Fedorets, I.D. , Ratkevich, S.S.	Radiative strength functions for dipole transitions in ⁹⁰ Zr (2013) Physics of Atomic Nuclei, 76 (1), pp. 44-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872982025&doi=10.1134%2F%28S1063778812120022&partnerID=40&md5=2abaf6e6db6f5395024b5f3d3e6518db
	Dikiy, N.P., Dovbnya, A.N., Fedorets, I.D. , Khlapova, N.P., Lyashko, Y.V., Medvedeva, E.P., Medvedev, D.V., Uvarov, V.L., Gavrik, A.P.	Radioactive enhancement of methanol conversion by zinc oxide nanoparticles (2011) Problems of Atomic Science and Technology, (5), pp. 48-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054683757&partnerID=40&md5=973298c506b795a086f4fdee74ab4210
	Dikiy, N.P., Dovbnya, A.N., Lyashko, Y.V., Medvedeva, E.P., Medvedev, D.V., Uvarov, V.L., Fedorets, I.D. , Khlapova, N.P., Bakay, D.S.	Nanostructural deactivating agents selective to Caesium (2011) Problems of Atomic Science and Technology, (3), pp. 35-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959314606&partnerID=40&md5=07ae4c48a1f32949cdcbdc6d114a8b0
	Fedorets, I.D. , Ratkevich, S.S.	Energy distribution of the E1-transition strengths in the ⁴⁶ Ti nucleus (2008) Physics of Atomic Nuclei, 71 (8), pp. 1325-1338.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50849088324&doi=10.1134%2F%28S1063778808080024&partnerID=40&md5=0f20e8c4530d35cb46177c92bb12a636

	Nemashkalo, B.A., Zhebko, K.V., Ratkevich, S.S., Fedorets, I.D.	Partial photon strength functions for ⁶⁶ Zn nucleus (2003) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 67 (11), pp. 1561-1565.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347693008&partnerID=40&md5=5b89baf8f2bf212b62392513dc2ae97f
	Nemashkalo, B.A., Utenkov, S.N., Ratkevich, S.S., Fedorets, I.D.	Photon strength functions for ⁶⁴ Zn nucleus in range of 10 MeV (2003) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 67 (11), pp. 1556-1561.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345800997&partnerID=40&md5=efedf7603aefe0190a67e1531b9ad237
	Fedorets, I.D.	The E1 strength function distribution and low energy levels in ^{65,67,68} Ga (2002) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 66 (5), pp. 733-739.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42649090597&partnerID=40&md5=028888e55d8ecce6e427ef964aaf921d9
	Fedorets, I.D.	Partial radiative strength functions for dipole transitions in the ^{49,51} V nuclei (2002) Physics of Atomic Nuclei, 65 (10), pp. 1816-1826.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036815651&doi=10.1134%2F1.1515845&partnerID=40&md5=073de0281ed439ad69b1679818b5ccfd
	Dikij, N.P., Lyashko, Yu.V., Medvedeva, E.P., Fedorets, I.D. , Valter, A.A., Storizhko, V.E.	Nuclear physics methods of age determination of uranium ores (2002) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 66 (10), pp. 1491-1494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036943117&partnerID=40&md5=710dc660f9d4628191a7029c6fd8c735
	Ratkevich, S.S., Fedorets, I.D. , Nemashkalo, B.A., Storizhko, V.E.	The E1 strength function distribution in ^{77,79} Br (2001) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 65 (5), pp. 765-768.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745541372&partnerID=40&md5=9e31f568592488503088d75d8b0f6933
	Fedorets, I.D.	Radiative strength functions for nuclei in which the number of protons is close to the magic number of Z = 28 (2001) Physics of Atomic Nuclei, 64 (1), pp. 49-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035529428&doi=10.1134%2F1.1344941&partnerID=40&md5=affc729df4be743e17b25c4d567983a
	Ratkevich, S.S., Fedorets, I.D. , Nemashkalo, B.A., Storizhko, V.E.	Radiative Strength Functions for Dipole Transitions in ^{57, 59} Co (2000) Physics of Atomic Nuclei, 63 (9), pp. 1497-1503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034370620&doi=10.1134%2F1.1312882&partnerID=40&md5=828b8a370ce1ba624e973bafad17423e
	Ratkevich, S.S., Nemashkalo, U.A., Fedorets, I.D.	Radiative strength function for the primary transitions in the compound nucleus ⁶⁹ Ga (1997) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 61 (10), pp. 2039-2044.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000343759&partnerID=40&md5=e51da97dcb09b6c2cc7eca519de916f
	Ratkevich, S.S., Fedorets, I.D. , Nemashkalo, B.A.	Radiative strength function in ⁹⁰ Zr nucleus (1997) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 61 (11), pp. 2201-2205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007016113&partnerID=40&md5=947200c41e0b05b774f009047ca6a229
	Ratkevich, S.S., Nemashkalo, B.A., Fedorets, I.D.	Radiative proton capture by ^{72, 74} Ge nuclei (1997) Physics of Atomic Nuclei, 60 (5), pp. 713-719.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031509879&partnerID=40&md5=84d4987f8ab119bb3a56b2cdbad91788
	Nemashkalo, B.A., Ratkevich, S.S., Sirotkin, V.K., Fedorets, I.D. , Shebeko, K.V.	Radiative capture of protons by ⁶⁹ Ga nuclei (1996) Physics of Atomic Nuclei, 59 (11), pp. 1857-1860.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030520973&partnerID=40&md5=e0e91c8ce854e85679e4be67650db2d
117.	Koloso, M.A. , Shvets, E.H., Manukov, D.A., Vlasenko, S.A., Omelchenko, I.V., Shishkina, S.V., Orlov, V.D.	A synthesis of 6-functionalized 4,7-dihydro[1,2,4]triazolo[1,5-a]pyrimidines (2017) Tetrahedron Letters, 58 (12), pp. 1207-1210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013798202&doi=10.1016%2Fj.tetlet.2017.02.035&partnerID=40&md5=66e9475e2109a85c8b85e1f8555f6c
	Koloso, M.A. , Shvets, E.H., Manukov, D.A., Vlasenko, S.A., Omelchenko, I.V., Shishkina, S.V., Orlov, V.D.	A synthesis of 6-functionalized 4,7-dihydro[1,2,4]triazolo[1,5-a]pyrimidines (2016) Tetrahedron Letters, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013491462&doi=10.1016%2Fj.tetlet.2017.02.035&partnerID=40&md5=46177cc7b4495c5e5d6dc8465d5a8d84
	Koloso, M.A. , Beloborodov, D.A., Orlov, V.D., Dotsenko, V.V.	Catalyst-free Biginelli-type synthesis of new functionalized 4,7-dihydropyrazolo[1,5-: A] pyrimidines (2016) New Journal of Chemistry, 40 (9), pp. 7573-7579.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985023389&doi=10.1039%2Fc6gn00336b&partnerID=40&md5=1a9f9dda61c5cacf808619a3cfd29d
	Koloso, M.A. , Shvets, E.H., Kulyk, O.G., Orlov, V.D.	Alkylation of 6-C(O)R-7-aryl-5-methyl-4,7-dihydro-1,2,4-triazolo[1,5-a]pyrimidines (2015) Chemistry of Heterocyclic Compounds, 51 (11-12), pp. 1052-1056.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954104461&doi=10.1007%2F10593-016-1818-6&partnerID=40&md5=23d30557f724bf0f95cf187be68c506f
	Koloso, M.A. , Kulyk, O.G., Al-Ogaili, M.J.K., Orlov, V.D.	An effective Biginelli-type synthesis of 1-methoxy-3,4-dihydropyrimidin-2(1H)-ones (2015) Tetrahedron Letters, 56 (32), статья № 46433, pp. 4666-4669.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938201690&doi=10.1016%2Fj.tetlet.2015.06.041&partnerID=40&md5=842545e9e34ec8be752515ceeb0fca99
	Koloso, M.A. , Al-Ogaili, M.J.K., Kulyk, O.G., Orlov, V.D.	Synthesis of 4,7-dihydro[1,2,4]triazolo-1,5-a]pyrimidine-6-sulfonamide derivatives (2015) Chemistry of Heterocyclic Compounds, 51 (7), pp. 691-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954374634&doi=10.1007%2F10593-015-1759-5&partnerID=40&md5=7c9be96ceaa0d6be317146ec7389bf3
	Popova, E.V., Gamzaeva, S.A., Krivoshey, A.I., Kryshal, A.P., Fedoryako, A.P., Prodanov, M.F., Koloso, M.A. , Vashchenko, V.V.	Dielectric properties of magnetic nanoparticles' suspension in a ferroelectric liquid crystal (2015) Liquid Crystals, 42 (3), pp. 334-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925634106&doi=10.1080%2F02678292.2014.988763&partnerID=40&md5=4f85f4de2110a2b1d0e8991e806468b5
	Koloso, M.A. , Kulyk, O.G., Shvets, E.G., Orlov, V.D.	Synthesis of 5-cinnamoyl-3,4-dihydropyrimidine-2(1H)-ones (2014) Synthetic Communications, 44 (11), pp. 1649-1657.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901305690&doi=10.1080%2F00397911.2013.869341&partnerID=40&md5=f8129a091841ccd55f036c9e7eb9b8ff
	Koloso, M.A. , Beloborodov, D.A., Kulyk, O.G., Orlov, V.D.	Synthesis of 2,5,7-triaryl-4(7,6,7)-dihydropyrazolo[1,5-a]pyrimidine-3-carbonitriles by reaction of 5(3)-amino-3(5)-aryl-1H-pyrazole-4-carbonitriles with chalcones (2014) Journal of Heterocyclic Chemistry, 51 (SUPPL. 1), pp. E89-E92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907423764&doi=10.1002%2Fjhet.1824&partnerID=40&md5=0864cc4316cd1caddf812f492b80862d
	Koloso, M.A. , Al-Ogaili, M.J.K., Parkhomenko, V.S., Orlov, V.D.	Synthesis and alkylation of diethyl 6-aryl-2-oxo-1,2,3,6-tetrahydropyrimidine-4,5-dicarboxylates (2014) Chemistry of Heterocyclic Compounds, 49 (10), pp. 1484-1489.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893788719&doi=10.1007%2F10593-014-1399-1&partnerID=40&md5=e4a9be9c72908f8be7f9b03e774a521
	Koloso, M.A. , Kulyk, O.G., Starchenko, O.I., Orlov, V.D.	Formation of 3,4,5,6-tetrahydroquinazolin-2(1H)-one derivatives in reaction of 4-aryl-6-methyl-3,4-dihydro-pyrimidin-2(1H)-ones with chalcones (2013) Chemistry of Heterocyclic Compounds, 49 (8), pp. 1166-1171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888130305&doi=10.1007%2F10593-013-1359-1&partnerID=40&md5=5b1af5d7a223316fdcfddbb37e802193
	Mozul, K.A., Ofkhovik, L.P., Sizova, Z.I., Bludov, A.N., Pashchenko, V.A., Baumer, V.N., Vashchenko, V.V., Koloso, M.O. , Kryshal, A.P., Prodanov, M.F.	Surface magnetic anisotropy of CoFe ₂ O ₄ nanoparticles with a giant low-temperature hysteresis (2013) Low Temperature Physics, 39 (4), pp. 365-369.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877025147&doi=10.1063%2F1.4801993&partnerID=40&md5=c73afbde63251ff16bcd2d6460fca9b5
	Mozul, K.A., Ofkhovik, L.P., Sizova, Z.I., Bludov, A.N., Pashchenko, V.O., Baumer, V.N., Vashchenko, V.V., Koloso, M.O. , Kryshal, A.P., Prodanov, M.F.	The surface magnetic anisotropy of the CoFe ₂ O ₄ nanoparticles with giant low-temperature hysteresis (2013) Fizika Nizkikh Temperatur, 39 (4), pp. 469-474.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874688850&partnerID=40&md5=b9dad0836d71bf4b0d11ad17087f8ab
	Koloso, M.A. , Kulyk, O.G., Beloborodov, D.A., Orlov, V.D.	A simple and efficient one-pot synthesis of 4-alkyl-3,4-dihydropyrimidin- 2(1H)-ones (2013) Journal of Chemical Research, 37 (2), pp. 115-118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875521193&doi=10.3184%2F174751913X13573126386313&partnerID=40&md5=0ad46710bf01a19fe93d67a45c0d007
	Prodanov, M.F., Koloso, M.A. , Krivoshey, A.I., Fedoryako, A.P., Yarmolenko, S.N., Semynozhenko, V.P., Goodby, J.W., Vashchenko, V.V.	Dispersion of magnetic nanoparticles in a polymorphic liquid crystal (2012) Liquid Crystals, 39 (12), pp. 1512-1526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867852715&doi=10.1080%2F02678292.2012.725867&partnerID=40&md5=b0bbe2f5164a8e7735d168b97e6bc38
	Koloso, M.A. , Kulyk, O.G., Al-Ogaili, M., Orlov, V.D.	Synthesis and acylation of 4-Chloroalkyl-3,4-dihydropyrimidin-2(1H)-ones (2012) Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, 67 (9), pp. 921-924.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867939366&doi=10.5560%2FZNB.2012-0182&partnerID=40&md5=57fa2724db26e35680c37aabfc78f5ef
	Buluy, O., Burseva, D., Hakobyan, M.R., Goodby, J.W., Koloso, M.A. , Reznikov, Y., Hakobyan, R.S., Slysarenko, K., Prodanov, M.F., Vashchenko, V.	Influence of surface treatment of ferromagnetic nanoparticles on properties of thermotropic nematic liquid crystals (2012) Molecular Crystals and Liquid Crystals, 560, pp. 149-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861394757&doi=10.1080%2F15421406.2012.663195&partnerID=40&md5=cf6af32260820ffa011149702febbe8

	Koloso , M.A., Orlov, V.D.	Synthesis of 5-(4,5-dihydro-1H-pyrazol-3-yl)-3,4-dihydropyrimidin-2(1H)-one derivatives (2009) Khimiya Geterotsiklicheskih Soedinenii, (7), pp. 1093-1096.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349934297&partnerID=40&md5=83698eeb26d6847d24d7f8aa4ea11a4cf
	Koloso , M.A., Orlov, V.D.	Synthesis of derivatives of 5-(4,5-dihydro-1H-3-pyrazolyl)-3,4-dihydro- 2(1H)-pyrimidinone (2009) Chemistry of Heterocyclic Compounds, 45 (7), pp. 873-875.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70450257761&doi=10.1007%2F10593-009-0343-2&partnerID=40&md5=e2a2da11bf07066f8bad40bc4b04bebc
	Koloso , M.A., Orlov, V.D., Beloborodov, D.A., Dotsenko, V.V.	A chemical placebo: NaCl as an effective, cheapest, non-acidic and greener catalyst for Biginelli-type 3,4-dihydropyrimidin-2(1H)-ones (-thiones) synthesis (2009) Molecular Diversity, 13 (1), pp. 5-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58849138719&doi=10.1007%2F11030-008-9094-8&partnerID=40&md5=d1c73fca224ca669c314330bab0f45e
	Koloso , M.A., Orlov, V.D.	5-Thiazolyl derivatives of 4-aryl-3,4-dihydropyrimidin-2(1H)-ones (2008) Khimiya Geterotsiklicheskih Soedinenii, (11), pp. 1741-1743.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64549160199&partnerID=40&md5=ad7e53c9a0af35d3a29d40f705f3ec20
	Koloso , M.A., Orlov, V.D.	5-thiazolyl derivatives of 4-aryl-3,4-dihydropyrimidin-2(1H)-ones (2008) Chemistry of Heterocyclic Compounds, 44 (11), pp. 1418-1420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61849137764&doi=10.1007%2F10593-009-0204-z&partnerID=40&md5=c82519056eb2dfa0a93113b6e2c1ee0a
	Koloso , M.A., Orlov, V.D., Kolos, N.N., Shishkin, O.V., Zubatyuk, R.I.	Reactions of α -cyanochalcones with phenylhydrazine (2007) Arkivoc, 2007 (16), pp. 187-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149111817&partnerID=40&md5=a005c91f6c9da374ab88f3eb47201665
	Koloso , M.A., Orlov, V.D.	Synthesis of derivatives of 3-methyl-4-phenyl-3a,4,5,6,7a-hexahydro-1H-pyrazolo-[4,5-d]pyrimidin-6-one [4] (2007) Chemistry of Heterocyclic Compounds, 43 (10), pp. 1349-1350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549097758&doi=10.1007%2F10593-007-0207-6&partnerID=40&md5=3c8340b0b2e62158f4d9e66de165a29e
	Koloso , M.A., Orlov, V.D., Vashchenko, V.V., Shishkina, S.V., Shishkin, O.V.	5-Cinnamoyl- and 5-(ethoxycarbonyl)-6-styryl derivatives of 4-aryl-3,4-dihydropyrimidin-2(1H)-ones (2007) Collection of Czechoslovak Chemical Communications, 72 (9), pp. 1219-1228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36849032152&doi=10.1135%2Fcccc20071219&partnerID=40&md5=f319373811b7603ae530dab3f864b81
	Koloso , M.A., Orlov, V.D.	3-N-acylation of 5-ethoxycarbonyl-6-methyl-4-phenyl-3,4-dihydropyrimidin-2-one (2005) Chemistry of Heterocyclic Compounds, 41 (2), pp. 260-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2124471858&doi=10.1007%2F10593-005-0139-y&partnerID=40&md5=483bdd3a5d48940e63a71a5c0e9dcf49
118.	Grishanov , N.I., Azarenkov, N.A.	Instability of field-Aligned electron-cyclotron waves in a magnetic mirror plasma with anisotropic temperature (2016) Journal of Plasma Physics, 82 (4), статья № 905820402, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014456151&doi=10.1017%2F0022377816000672&partnerID=40&md5=6bbded4a1c7b32ac949c7e6941338db91
	Grishanov , N.I., Azarenkov, N.A.	Cyclotron wave absorption in D-shaped tokamaks (2016) Problems of Atomic Science and Technology, 106 (6), pp. 52-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007552796&partnerID=40&md5=43f7d5db1702e8c8de6f298e24444d7
	Grishanov , N.I., Azarenkov, N.A., Grishanov, N.I.	Field-aligned electron-cyclotron waves in a straight mirror-trapped plasma with anisotropic temperature (2014) Problems of Atomic Science and Technology, 94 (6), pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918524852&partnerID=40&md5=8386606446cf4e864b6b8365c1a4d9d
	Grishanov , N.I., Azarenkov, N.A.	Electron Landau damping in toroidal plasma with Solov'ev equilibrium (2013) Plasma Physics Reports, 39 (12), pp. 947-958.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891324465&doi=10.1134%2F1063780X13120039&partnerID=40&md5=1c99105722e0b195fc5cc6657b85e1e3
	Grishanov , N.I., Azarenkov, N.A.	Cyclotron wave absorption in large aspect ratio elongated tokamaks (2013) Problems of Atomic Science and Technology, (4), pp. 100-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881573888&partnerID=40&md5=aab47f521702192e38185c1f0b436973
	Grishanov , N.I., Azarenkov, N.A.	Dispersion relations for field-aligned cyclotron waves in an axisymmetric tokamak plasma with anisotropic temperature (2011) Problems of Atomic Science and Technology, (1), pp. 59-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952458836&partnerID=40&md5=f5c2d40f791ea11b89e0fadd39d6cfc6
	Grishanov , N.I., Azarenkov, N.A.	Cyclotron wave instabilities in axisymmetric mirror-trapped plasmas with anisotropic temperature (2009) Plasma Physics and Controlled Fusion, 51 (12), статья № 125004, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70450278825&doi=10.1088%2F0741-3335%2F51%2F12%2F125004&partnerID=40&md5=63f8dac924843477e3d991fc9a02b7c8
	Grishanov , N.I., Azarenkov, N.A., Kovalenko, A.G.	Dispersion relations for field-aligned cyclotron waves in the laboratory dipole magnetospheric plasmas with anisotropic temperature (2008) Problems of Atomic Science and Technology, (6), pp. 81-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549293922&partnerID=40&md5=0ed14a29148b344a8208b85855575e8f
	Grishanov , N.I., Azarenkov, N.A.	Dielectric characteristics of a mirror-trapped plasma with anisotropic temperature (2008) Ukrainian Journal of Physics, 53 (5), pp. 465-471.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49349111921&partnerID=40&md5=aea263d8fab89feb0fb0867b77cc2a
	Grishanov , N.I., Raupp, M.A., Loula, A.F.D., Neto, J.P.	Dispersion equations for field-aligned cyclotron waves in axisymmetric magnetospheric plasmas (2006) Annales Geophysicae, 24 (2), pp. 589-601.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751076262&partnerID=40&md5=5d44401f9683b1e83a43a9d42512000b
	Grishanov , N.I., Loula, A.F.D., De Azevedo, C.A., Neto, J.P.	Dielectric characteristics for radio frequency waves in a laboratory dipole plasma (2006) Contributions to Plasma Physics, 46 (4), pp. 265-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646785791&doi=10.1002%2Fctpp.200610003&partnerID=40&md5=d9b55c724bb4770034d70be0f9d19b2
	Grishanov , N.I., Loula, A.F.D., De Azevedo, C.A., Neto, J.P.	Parallel permittivity elements for radio frequency waves in elongated D-shaped tokamaks (2004) Brazilian Journal of Physics, 34 (4 B), pp. 1556-1564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12744263646&partnerID=40&md5=4c4ebcc37874585f660410d8535c2315
	Grishanov , N.I., Loula, A.F.D., De Azevedo, C.A., Pereira Neto, J.P.	Radio-frequency wave dissipation by electron Landau damping in a low aspect ratio D-shaped tokamak (2003) Plasma Physics and Controlled Fusion, 45 (9), pp. 1791-1803.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141645453&doi=10.1088%2F0741-3335%2F45%2F9%2F15&partnerID=40&md5=f1056c0bef78564bcf542a32a4fb2c0c
	Grishanov , N.I., Ludwig, G.O., De Azevedo, C.A., Neto, J.P.	Wave dissipation by electron Landau damping in low aspect ratio tokamaks with elliptic magnetic surfaces (2002) Physics of Plasmas, 9 (9), p. 4089.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18544372458&doi=10.1063%2F1.1499593&partnerID=40&md5=abe173706ce74e24be9ee8e0ee2b612
	Grishanov , N.I., De Azevedo, C.A., Neto, J.P.	Collisionless dissipation of radio-frequency waves in axisymmetric tokamak plasmas (2002) Brazilian Journal of Physics, 32 (1), pp. 179-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036013634&partnerID=40&md5=8ef6be98f15255650125dd1e295cdef6
	Grishanov , N.I., De Azevedo, C.A., Neto, J.P.	Dielectric characteristics of axisymmetric low aspect ratio tokamak plasmas (2001) Plasma Physics and Controlled Fusion, 43 (8), pp. 1003-1021.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035420385&doi=10.1088%2F0741-3335%2F43%2F8%2F301&partnerID=40&md5=7e8aeae9ebfdb771dadae7417514886
	Grishanov , N.I., Da Silva, C.E., De Azevedo, C.A., De Assis, A.S.	Collisionless Dissipation of the Toroidicity-induced Alfvén Eigenmodes in Elongated Tokamaks by the Trapped and Untrapped Electrons (2001) Physica Scripta, 63 (1), pp. 47-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0003955644&partnerID=40&md5=2fe3d85e0483ec2c74cb8f4ade2d21a8
	Grishanov , N.I., De Azevedo, C.A., De Assis, A.S.	Kinetic Alfvén wave dissipation in tokamaks with elliptic magnetic surfaces (1999) Plasma Physics and Controlled Fusion, 41 (5), pp. 645-660.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032678854&doi=10.1088%2F0741-3335%2F41%2F5%2F306&partnerID=40&md5=12b5348a4ad89076b9c8e06b8932f973
	Grishanov , N.I., De Azevedo, C.A., De Assis, A.S.	Longitudinal permittivity of magnetospheric plasmas with dipole and circular magnetic field lines (1998) Physics of Plasmas, 5 (12), pp. 4384-4394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032375350&partnerID=40&md5=58b008f1f04444ebc5831f301f6a875a
	Grishanov , N.I., De Azevedo, C.A., De Assis, A.S.	Longitudinal permittivity of a tokamak plasma with elliptic and circular magnetic surfaces (1998) Physics of Plasmas, 5 (3), pp. 705-715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141654097&partnerID=40&md5=8fabf739550ff8782444a3095fe45bfe
	Grishanov , N.I., De Azevedo, C.A., De Assis, A.S.	Contribution of trapped and untrapped particles to the longitudinal permeability of a toroidal plasma (1997) Physics of Plasmas, 4 (4), pp. 1055-1061.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141766036&partnerID=40&md5=0b3859f1d1513e25cf49e462a349f8f9d

	Grishanov, N.I. , Elfimov, A.G., De Azevedo, C.A., De Assis, A.S.	Short wavelength oscillations of a magnetized current-carrying plasma (1996) Brazilian Journal of Physics, 26 (4), pp. 731-741.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030365930&partnerID=40&md5=a2fe789da36064df24db9ced1ca25be
	Grishanov, N.I. , Elfimov, A.G., De Azevedo, C.A., De Assis, A.S.	Influence of trapped electrons on the dielectric properties of the Earth's radiation belts (1996) Physics of Plasmas, 3 (10), pp. 3798-3808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030257405&partnerID=40&md5=e9f0ac835c87c7ca2dc8b498bed926c4
	Nekrasov, F.M., Grishanov, N.I. , Elfimov, A.G., De Azevedo, C.A., De Assis, A.S.	Dielectric permeability of a mirror-trapped plasma (1996) Plasma Physics and Controlled Fusion, 38 (6), pp. 853-868.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030156095&doi=10.1088%2F0741-3335%2F38%2F6%2F007&partnerID=40&md5=e8446b6c9cae16e19108ca492288b4f8
	Grishanov, N.I. , Nekrasov, F.M.	PARAMETRIC INSTABILITIES OF MHD WAVES IN A HOT PLASMA IN AN ALFVEN WAVE. (1980) Soviet journal of plasma physics, 6 (6), pp. 704-707.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019078872&partnerID=40&md5=211c184bf3098ab5f23c7a6166e3b7db707
119.	Pogrebnyak, A.D., Bagdasaryan, A.A., Beresnev, V.M., Nyemchenko, U.S. , Ivashchenko, V.I., Kravchenko, Y.O., Shaimardanov, Z.H.K., Plotnikov, S.V., Maksakova, O.	The effects of Cr and Si additions and deposition conditions on the structure and properties of the (Zr-Ti-Nb)N coatings (2017) Ceramics International, 43 (1), pp. 771-782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992084091&doi=10.1016%2Fj.ceramint.2016.10.008&partnerID=40&md5=2efedbee5021d90f033e30be9270ca8d
	Beresnev, V.M., Sobol', O.V., Pogrebnyak, A.D., Lytovchenko, S.V., Stolbovoy, V.A., Srebnik, P.A., Novikov, V., Doshchechikina, I.V., Meylekhov, A.A., Postelnik, A.A., Nyemchenko, U.S. , Mazylin, B.A., Kruhlava, V.V.	Structure and properties of vacuum arc single-layer and multiperiod two-layer nitride coatings based on Ti(Al): Si layers (2017) Journal of Nano- and Electronic Physics, 9 (1), статья № 01033, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014619856&doi=10.21272%2Fjnepe.9%281%29.01033&partnerID=40&md5=149a2c151b5295695decdb2298811a5a7
	Beresnev, V.M., Nyemchenko, U.S. , Srebnik, P.O., Lytovchenko, S.V., Sobol', O.V.	Study of influence physical and technological parameters of deposition on the structure, physical and mechanical properties of vacuum arc coatings (Mo + Ti6%Si)N (2016) Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016, статья № 7757226, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007105133&doi=10.1109%2FNPAP.2016.7757226&partnerID=40&md5=579d2b95199448b053a5b6334d88a906
	Beresnev, V.M., Sobol', O.V., Grankin, S.S., Nemchenko, U.S. , Novikov, V.Y., Bondar, O.V., Belovol', K.O., Maksakova, O.V., Eskermesov, D.K.	Physical and mechanical properties of (Ti-Zr-Nb)N coatings fabricated by vacuum-arc deposition (2016) Inorganic Materials: Applied Research, 7 (3), pp. 388-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975796994&doi=10.1134%2FIS2075113316030047&partnerID=40&md5=9b7e56669c3ad363007363e13c0395c
	Beresnev, V.M., Sobol', O.V., Meylekhov, A.A., Postelnik, A.A., Novikov, V.Y., Kolesnikov, Y.S., Stolbovoy, V.A., Nyemchenko, U.S. , Srebnik, P.A.	Effect of pressure of nitrogen atmosphere during the vacuum arc deposition of multiperiod coatings (Ti, Si)N/MoN on their structure and properties (2016) Journal of Nano- and Electronic Physics, 8 (4), статья № 04023, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999836328&doi=10.21272%2Fjnepe.8%282%29.04023&partnerID=40&md5=e21c26fa74ae72495cd48836cde2d8d
	Beresnev, V.M., Sobol', O.V., Lytovchenko, S.V., Nyemchenko, U.S. , Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Turbin, P.V., Malikov, L.V.	Effect of high-entropy components of nitride layers on nitrogen content and hardness of (TiN-Cu)/(AlNbTiMoVCr)N vacuum-arc multilayer coatings (2016) Journal of Nano- and Electronic Physics, 8 (2), статья № 02057, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976904239&doi=10.21272%2Fjnepe.8%282%29.02057&partnerID=40&md5=f0e27c9151f5beece8226442e419f2e
	Beresnev, V.M., Sobol', O.V., Nyemchenko, U.S. , Lytovchenko, S.V., Gorban, G.F., Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Novikov, V.Y.	The influence of nitrogen pressure on the structure of condensates, obtained at vacuum-arc deposition from high entropy alloy AlCrTiZrNbY (2016) Problems of Atomic Science and Technology, 102 (2), pp. 86-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988285614&partnerID=40&md5=e6caa45361b1aac003c7e813fd949f0
	Beresnev, V.M., Sobol', O.V., Stolbovoy, A.V., Lytovchenko, S.V., Kolesnikov, D.A., Nyemchenko, U.S. , Meylekhov, A.A., Postelnik, A.A.	Influence on mechanical characteristics of thickness of layers in MoN/CrN multilayer coatings, deposited under the influence of negative bias potential (2016) Journal of Nano- and Electronic Physics, 8 (1), статья № 01043, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963945097&partnerID=40&md5=2e2f593cbd248c75462eb4c12872df18
	Nyemchenko, U.S. , Beresnev, V.M., Sobol', O.V., Lytovchenko, S.V., Stolbovoy, V.A., Novikov, V.J., Meylekhov, A.A., Postelnik, A.A., Kovaleva, M.G.	Structure and mechanical properties of nitride multi-layer systems on the basis of high entropy alloys and transition metals of group VI (2016) Problems of Atomic Science and Technology, 101 (1), pp. 112-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958526946&partnerID=40&md5=e160b03f56de0751bf5e8a565fea1c4
	Kolesnikov, D.A., Nyemchenko, U.S. , Beresnev, V.M., Sobol', O.V., Novikov, V.A., Lytovchenko, S.V., Stolbovoy, V.A., Goncharov, I.Y., Turbin, P.V., Malikov, L.V.	Multilayer nitride coatings (TiZrNbHf)N/MoN (2016) Journal of Nano- and Electronic Physics, 8 (3), статья № 03045, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992449498&doi=10.21272%2Fjnepe.8%283%29.03045&partnerID=40&md5=475a3d564644c9fd06b537e1761e591
	Nemchenko, U.S. , Beresnev, V.M., Klimenko, S.A., Podchernyayeva, I.A., Turbin, P.V., Andreev, A.A.	Wear resistance of the multicomponent coatings of the (Ti-Zr-Hf-V-Nb-Ta)N system at elevated temperature (2015) Journal of Superhard Materials, 37 (5), pp. 322-326.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946098676&doi=10.3103%2FIS1063457615050044&partnerID=40&md5=382137b73ba0091ee87d13f2b7a6914
	Nyemchenko, U.S. , Beresnev, V.M., Gorban, V.F., Novikov, V.J., Yaremenko, O.V.	Comparing the tribological properties of the coatings (Ti-Hf-Zr-V-Nb-Ta)N and (Ti-Hf-Zr-V-Nb-Ta)N + DLC (2015) Journal of Nano- and Electronic Physics, 7 (3), статья № 03041, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946744572&partnerID=40&md5=c0736deb59e1dc50f89860ecfde56d28
	Nyemchenko, U.S. , Novikov, V.J., Stolbovoy, V.A., Beresnev, V.M., Sobol', O.V.	Frictional properties of multielement coatings (TiZrHfVbNbTa)N (2015) Problems of Atomic Science and Technology, 96 (2), pp. 139-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928661234&partnerID=40&md5=95b42fcb24151a7ca539a3507596d0cd
	Nyemchenko, U.S. , Novikov, V.J., Sobol', O.V., Grankin, S.S., Tulbiyev, E.M., Radko, A.	Tribotechnical characteristics of multielement coatings based on nitrides of Ti, Zr, Cr, Nb, Si, obtained by means of vacuum-arc deposition method (2015) Journal of Nano- and Electronic Physics, 7 (1), статья № 01041, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927127040&partnerID=40&md5=70a61a6e351d8be75397244f51de6a2
	Nyemchenko, U.S. , Novikov, V.Y., Grankin, S.S., Ganenko, V.V., Arsenko, M.Y., Sobol', O.V., Tkach, O.P., Kovaleva, M.G., Malikov, L.V.	Adhesion strength of multi-element coatings of the system (TiNbCrZrSi)N (2015) Journal of Nano- and Electronic Physics, 7 (2), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932140646&partnerID=40&md5=1562c92ef22313ba3828ef7e4551aa75
	Grankin, S.S., Stolbovoy, V.A., Nyemchenko, U.S. , Beresnev, V.M., Sobol', O.V., Lytovchenko, S.V., Turbin, P.V., Novikov, V.Y., Protosenko, Z.N.	Tribological characteristics and mechanical properties of multilayer vacuum-arc coatings TiN/ZrN (2015) Problems of Atomic Science and Technology, 99 (5), pp. 70-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945298505&partnerID=40&md5=95167e137a0960f5657d5386cbdb74a9
	Grankin, S.S., Beresnev, V.M., Sobol', O.V., Stolbovoy, V.A., Novikov, V.Y., Lytovchenko, S.V., Nyemchenko, U.S. , Meylekhov, A.A., Kovaleva, M.G., Postelnik, A.A., Toryanik, I.N.	Structure, substructure, hardness and adhesion strength of multiperiod composite coatings MoN/CrN (2015) Journal of Nano- and Electronic Physics, 7 (4), статья № 04050, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959449533&partnerID=40&md5=c66c0350bce3c46cb1035f60fa9c86d
	Toryanik, I.N., Beresnev, V.M., Serdyuk, I.V., Pogrebnyak, A.D., Sobol', O.V., Druchinina, O.A., Kovalyova, M.G., Turbin, P.V., Nyemchenko, U.S. , Kolesnikov, D.A., Dmytrenko, A.E.	Structure and physical and mechanical properties of nanocomposite coatings of the system (Zr-Ti-Cr-Nb)N, obtained by vacuum-arc evaporation method (2014) Problems of Atomic Science and Technology, 89 (1), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893643930&partnerID=40&md5=958fec845c744dd6d48f8e88842fe4a7
	Grigoriev, S.N., Sobol', O.V., Beresnev, V.M., Serdyuk, I.V., Pogrebnyak, A.D., Kolesnikov, D.A., Nemchenko, U.S.	Tribological characteristics of (TiZrHfVbNbTa)N coatings applied using the vacuum arc deposition method (2014) Journal of Friction and Wear, 35 (5), pp. 359-364.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910154721&doi=10.3103%2FIS1068366614050067&partnerID=40&md5=67ef41ddabd501effb923e0de32a14b5

	Beresnev, V.M., Grankin, S.S., Novikov, V.Y., Nyemchenko, U.S. , Sobol', O.V., Turbin, P.V.	Tribotechnical properties of the coatings (Ti-Zr-Nb)N (2014) Journal of Nano- and Electronic Physics, 6 (4), статья № 04011, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919433529&partnerID=40&md5=da37efc18998d61d54ba11061944e1a6
	Beresnev, V.M., Sobol, O.V., Toriyanik, I.M., Meylekhev, A.A., Nyemchenko, U.S. , Turbin, P.V., Yakushchenko, I.V., Lisovenko, M.O.	Formation of biphasic state in vacuum-arc coatings obtained by evaporation of Ti-Al-Zr-Nb-Y alloy in the atmosphere of nitrogen (2014) Journal of Nano- and Electronic Physics, 6 (1), статья № 01030, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898482986&partnerID=40&md5=47edcc1cb4163fa0260e6a4010207c9cb
	Beresnev, V.M., Toriyanik, I.M., Sobol', O.V., Pogrebnik, A.D., Kropotov, A.Y., Stervoedov, N.G., Nyemchenko, U.S. , Kolesnikov, D.A., Klimenko, S.A., Turbin, P.V.	AlN-TiB ₂ -TiSi ₂ coatings obtained by pulsed magnetron sputtering (2014) Technical Physics, 59 (8), pp. 1220-1223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906054798&doi=10.1134%2FIS1063784214080052&partnerID=40&md5=595b015c620e7ca19deb1614c211dc98
	Beresnev, V.M., Kaverin, M.V., Makhmud, A.M., Smolyakova, M.Y., Kolesnikov, D.A., Kirik, G.V., Komarov, F.F., Grudnitskii, V.V., Nemchenko, U.S.	Triboengineering properties of nanocomposite coatings Ti-Zr-Si-N deposited by ion plasma method (2012) Journal of Friction and Wear, 33 (3), pp. 167-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863087662&doi=10.3103%2FIS1068366612030026&partnerID=40&md5=1f48daf7eed54328d1981476a0aea149
	Beresnev, V.M., Sobol, O.V., Kolesnikov, D.A., Kiryk, G.V., Muhammed, A.K.M., Turbin, P.V., Gru-Dnytskyy, V.V., Toryanyk, I.M., Nemchenko, U.S.	Physicochemical and mechanical properties of nanostructured nitride coatings (2012) Metallofizika i Noveishie Tekhnologii, 34 (2), pp. 137-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860874633&partnerID=40&md5=82475d0b42ee3096ce5fdb7b152ae232
	Grudnitsky, V.V., Yu Smolyakova, M., Nemchenko, U.S. , Beresnev, V.M., Pogrebnjak, A.D., Sobol, O.V., Kolesnikov, D.A., Turbin, P.V., Kaverin, M.V.	Physico-mechanical and tribological properties of nanocomposite coatings Zr-Ti-Si-N, Ti-Hf-Si-N (2011) Problems of Atomic Science and Technology, (6), pp. 179-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84555196994&partnerID=40&md5=76f278ccd3e6f2adf124a2e641b95404
120.	Vlasenko, L.A., Rutkas, A.G. , Chikrii, A.A.	On a differential game in an abstract parabolic system (2016) Proceedings of the Steklov Institute of Mathematics, 293, pp. 254-269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978496670&doi=10.3103%2FIS0081543816050229&partnerID=40&md5=c92c7c4ba3644d9cc7266fb00ec49424
	Vlasenko, L.A., Rutkas, A.G.	On a differential game in a system described by an implicit differential-operator equation (2015) Differential Equations, 51 (6), pp. 798-807.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983347743&doi=10.1134%2FIS0012266115060117&partnerID=40&md5=3c741dfa901f3b56482ac3bcae0073
	Vlasenko, L.A., Rutkas, A.G.	On a class of impulsive functional-differential equations with nonatomic difference operator (2014) Mathematical Notes, 95 (1-2), pp. 32-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894848525&doi=10.1134%2FIS0001434614010040&partnerID=40&md5=0a3f0704d150535130a243bd41c97d38
	Vlasenko, L.A., Rutkas, A.G.	Optimal control of a class of random distributed Sobolev type systems with aftereffect (2013) Journal of Automation and Information Sciences, 45 (9), pp. 65-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891764453&doi=10.1615%2FJAutomatInfScien.v45.i9.60&partnerID=40&md5=014379342e62f4b999fa85f5434e5bd0
	Vlasenko, L.A., Rutkas, A.G.	Stochastic impulse control of parabolic systems of Sobolev type (2011) Differential Equations, 47 (10), pp. 1498-1507.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855215500&doi=10.1134%2FIS0012266111100132&partnerID=40&md5=2ced094a27a0d5d9e0ca75b763709617
	Bondarenko, M.F., Vlasenko, L.A., Rutkas, A.G.	Discrete optimal control of descriptor systems with variable parameters (2011) Journal of Automation and Information Sciences, 43 (5), pp. 1-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960022904&doi=10.1615%2FJAutomatInfScien.v43.i5.10&partnerID=40&md5=a1f0fdeedebc54a94625de09d8b64525
	Rutkas, A.G. , Vlasenko, L.A.	Time-domain descriptor models for circuits with multiconductor transmission lines and lumped elements (2010) 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609106, pp. 102-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650159748&doi=10.1109%2FIS0012266110.5609106&partnerID=40&md5=475c8f1a6ade492a1583035c229ac05f
	Vlasenko, L.A., Rutkas, A.G.	On the optimal control of systems described by implicit evolution equations (2009) Differential Equations, 45 (3), pp. 429-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65649096156&doi=10.1134%2FIS0012266109030124&partnerID=40&md5=f5818965dedb053b7c3f12ac96abecd
	Rutkas, A.G. , Vlasenko, L.A.	An evolutionary model of impulsive circuit with transmission lines (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, статья № 4669352, pp. 42-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649219565&doi=10.1109%2FIS0012266108.4669352&partnerID=40&md5=5c11cd6b59a9b0589423773764abfa0
	Vlasenko, L.A., Rutkas, A.G. , Luchaninov, A.I.	Modeling of nonlinear schemes in time domain, which contain transmission lines and networks with lumped parameters (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676320, pp. 135-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049151686&doi=10.1109%2FIS0012266108.4676320&partnerID=40&md5=9964cb9eea5a744c899fb7b305f0c02a
	Vlasenko, L.A., Rutkas, A.G. , Samoilenko, A.M.	Problem of impulsive regulator for one dynamical system of the sobolev type (2008) Ukrainian Mathematical Journal, 60 (8), pp. 1200-1209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59449102483&doi=10.1007%2FIS11253-009-0135-y&partnerID=40&md5=50a3e467176997d481ae4b4e58484b91
	Rutkas, A.G.	Solvability of semilinear differential equations with singularity (2008) Ukrainian Mathematical Journal, 60 (2), pp. 262-276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53349166982&doi=10.1007%2FIS11253-008-0057-0&partnerID=40&md5=af2af0ffaa06595c0b88087338d1c25
	Vlasenko, L.A., Myshkis, A.D., Rutkas, A.G.	On a class of differential equations of parabolic type with impulsive action (2008) Differential Equations, 44 (2), pp. 231-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049123408&doi=10.1134%2FIS0012266108020110&partnerID=40&md5=cdc2d22405d7c39f26dbadbadebb3762
	Rutkas, A.G. , Vlasenko, L.A.	The evolution of nonmonochromatic mode fields in a waveguide with space dispersive medium (2007) 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425143, pp. 158-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849113286&doi=10.1109%2FIS0012266107.4425143&partnerID=40&md5=2733c7de886b44478619f06dbb57a0a
	Rutkas, A.G.	Spectral methods for studying degenerate differential-operator equations. I (2007) Journal of Mathematical Sciences, 144 (4), pp. 4246-4263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250750690&doi=10.1007%2FIS10958-007-0267-2&partnerID=40&md5=d69d8b311bd0b863e8944c5580216df8
	Vlasenko, L.A., Piven', A.L., Rutkas, A.G.	Criteria for the well-posedness of the cauchy problem for differential operator equations of arbitrary order (2004) Ukrainian Mathematical Journal, 56 (11), pp. 1766-1781.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21544476967&doi=10.1007%2FIS11253-005-0150-6&partnerID=40&md5=9b3d36da95e28e21cf2d2f40bc97bc0
	Rutkas, A.G. , Vlasenko, L.A.	Existence, uniqueness and continuous dependence for implicit semilinear functional differential equations (2003) Nonlinear Analysis, Theory, Methods and Applications, 55 (1-2), pp. 125-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041512022&doi=10.1016%2FIS0362-546X%2803%2900219-0&partnerID=40&md5=9fde07bf9e97eb28c8bbdab80ec4508c
	Rutkas, A. , Vlasenko, V.	Implicit operator differential equations and applications to electrodynamics (2000) Mathematical Methods in the Applied Sciences, 23 (1), pp. 1-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033666798&doi=10.1002%2FIS0362-546X%2803%2900219-0&md5=1476%28280000110%2923%3a%3c1%3a%3a%3aID-MMA100%3e3.0.CO%3b2-5&partnerID=40&md5=239d152b16f6325a665698427fba4c4
	Benabdallah, M., Rutkas, A.G. , Solov'ev, A.A.	On the stability of degenerate difference systems in Banach spaces (1993) Journal of Soviet Mathematics, 57 (5), pp. 3435-3439.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250083510&doi=10.1007%2FIS01097722&partnerID=40&md5=653cb1cc1bb6c3ad12bcbbf2e5118107
	Vlasenko, L.A., Rutkas, A.G.	Solvability and completeness for an electrodynamic system that is not of Kovalevskaya type (1993) Mathematical Notes, 53 (1), pp. 96-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250080235&doi=10.1007%2FIS01208531&partnerID=40&md5=bd07af9615a5b25e953058eb5c98efa
	Rutkas, A.G.	Characteristic function and a model of a linear operator pencil (1990) Journal of Soviet Mathematics, 48 (4), pp. 451-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249952984&doi=10.1007%2FIS01097576&partnerID=40&md5=c58fab991c85a24431aedfb8b2867c27

	Benabdallah, M., Rutkas, A.G. , Solov'ev, A.A.	Application of asymptotic expansions to the investigation of an infinite system of equations $Ax_{n+1} + Bx_n = f_n$ in a Banach space (1990) Journal of Soviet Mathematics, 48 (2), pp. 124-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249953086&doi=10.1007%2FbF01095789&partnerID=40&md5=051e90b918a5ab2cc56993a20d495276
	Rutkas, A.G.	Perturbations of skew-Hermitian bundles and the degenerate cauchy problem (1989) Ukrainian Mathematical Journal, 41 (8), pp. 931-935.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249954176&doi=10.1007%2FbF01058310&partnerID=40&md5=bcc512526e8d3f405047240d6c27d6da
	Rutkas, A.G. , Chausovskii, D.M.	A class of linear automata on graphs (1972) Cybernetics, 5 (3), pp. 253-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250472610&doi=10.1007%2FbF01070907&partnerID=40&md5=6851ad0aae2532acc775c3f75b9ecb2
	Rutkas, A.G.	Pairs on non self-adjoint operators and operator hypernodes (1970) Ukrainian Mathematical Journal, 22 (1), pp. 31-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250451649&doi=10.1007%2FbF01086700&partnerID=40&md5=9de37325516dbd54b2402b7ecc72a3d
121.	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N.	Effect of lead on the thermal dispersion of continuous polycrystalline copper films (2017) Vacuum, 142, pp. 29-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018270820&doi=10.1016%2Fj.vacuum.2017.04.037&partnerID=40&md5=78a9038c0b0b64c08e458abe8378e13a
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N.	Supercooling during crystallization of fusible metal particles in multilayer "carbon-metal-carbon" films (2016) Problems of Atomic Science and Technology, 104 (4), pp. 118-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988662681&partnerID=40&md5=5e14c1d595b405bfa83594f913c23b9
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N.	Stability limits of the liquid phase in the layered Mo/Pb/Mo, Mo/Bi/Mo and Mo/In/Mo film systems (2016) Journal of Nano- and Electronic Physics, 8 (4), статья № 04073.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018508339&doi=10.21272%2Fjnep.8%284%282%29%29.04073&partnerID=40&md5=05095939e91d1f4b3e887cbeab504df9
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N.	Growth of through pores and thermal dispersion of continuous polycrystalline films of copper (2016) Metallofizika i Noveishie Tekhnologii, 38 (10), pp. 1351-1366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014476076&doi=10.15407%2Fmfint.38.10.1351&partnerID=40&md5=d81865b9362e187889df2f166ac011cb
	Dukarov, S.V., Petrushenko, S.I., Sukhov, V.N. , Skryl, O.I.	In situ research on temperature dependence of the lattice parameters of fusible metals in thin Cu-Pb and Cu-Bi films (2016) Functional Materials, 23 (2), pp. 218-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976353433&doi=10.15407%2Ffm23.02.218&partnerID=40&md5=52364905fe8fb9e1992c2d24755144eb
	Savich, S.V., Samoilov, A.V., Samsonik, A.L., Sukhov, V.N. , Tiutierieva, K.V., Rusalovich, A.I., Vovk, R.V., Boynik, A.B., Chronos, A.	Conductivity of YBCO ceramics in a wide range of temperatures and hafnium impurities concentrations (2016) Functional Materials, 23 (1), pp. 21-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962140745&doi=10.15407%2Ffm23.01.021&partnerID=40&md5=014fa7ea86d044dad2307002f485c118
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N.	Formation and thermal stability of liquid phase in layered film systems (2015) Vacuum, 122, pp. 208-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943776599&doi=10.1016%2Fj.vacuum.2015.09.030&partnerID=40&md5=5bdc9f1f02fd724cd39171f132dc7973
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N. , Churilov, I.G.	Inner size effect in the polycrystalline metal films of fusible metals (2015) Journal of Nano- and Electronic Physics, 7 (2), pp. 02033-1-02033-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932169093&partnerID=40&md5=049f378413b78354561e5b69e4539380
	Dukarov, S.V., Petrushenko, S.I., Sukhov, V.N. , Churilov, I.G.	Effect of temperature on the pores growth in the polycrystalline films of fusible metals (2014) Problems of Atomic Science and Technology, 89 (1), pp. 110-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893644336&partnerID=40&md5=43a5aeca8bef8a218dd3b35f165f60b86
	Pogarsky, S.A., Saprykin, I.I., Mayboroda, D.V., Sukhov, V.N.	Re-adjusting disk microstrip antenna (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959495, pp. 493-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915754058&doi=10.1109%2FCRMICO.2014.6959495&partnerID=40&md5=67a30c202b322debe904a7652821c12e
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N.	Hybrid metal-dielectric structure based on inverted dielectric waveguide (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959496, pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915805408&doi=10.1109%2FCRMICO.2014.6959496&partnerID=40&md5=980cb14713fb060dbecbbef98e4864a
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N. , Drozdov, K.S.	Multiresonator microstrip antenna (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652980, pp. 616-617.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891047665&partnerID=40&md5=8e4f68ee870082a515272a33caaf6f5
	Kaliberda, M.E. , Pogarsky, S.A., Sukhov, V.N.	Waves diffraction in coaxial waveguide with slots in the inner conductor (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379815, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872250237&doi=10.1109%2FUWBUSIS.2012.6379815&partnerID=40&md5=edcafdcf04ca3cd6cb8724ac6c37c44a
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N.	The radiating unit based on hybrid metal-dielectric structure with bounded sequence of transverse slots (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336046, pp. 435-436.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869766609&partnerID=40&md5=2b19ef5329daffa0d3ec7f0f771f14c9
	Gladkikh, N.T., Dukarov, S.V., Sukhov, V.N. , Churilov, I.G.	Condensation mechanism of AgCl and NaCl island films on a nickel substrate (2011) Functional Materials, 18 (4), pp. 529-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856740909&partnerID=40&md5=d4c468c9c3b8c831eb0f44503b22682c
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N. , Krivenko, G.S.	The rejection filter (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632656, pp. 665-666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650401561&partnerID=40&md5=18b21d30a460e4e09bf97e25a65b661b
	Bogatyrenko, S.I., Gladkikh, N.T., Kryshal, A.P., Samsonik, A.L., Sukhov, V.N.	Diffusion in nanodisperse layered film systems (2010) Physics of Metals and Metallography, 109 (3), pp. 255-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951045289&doi=10.1134%2FS0031918X10030075&partnerID=40&md5=662a4efe15288d7e8a995c1743e8b776
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N. , Pshenichnaya, S.V.	Inverted strip dielectric guide with metal plane (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5293017, pp. 515-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949112936&partnerID=40&md5=f9353227d1e11f8432b542306c9c598c
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N.	The microstrip antenna (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676444, pp. 431-432.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049167841&doi=10.1109%2FCRMICO.2008.4676444&partnerID=40&md5=91a65e84a5dff04c235e0d0cac20b31c
	Gladkikh, N.T., Dukarov, S.V., Sukhov, V.N.	Supercooling during metal crystallization under conditions close to weightlessness using island vacuum condensates (1996) Zeitschrift fuer Metallkunde/Materials Research and Advanced Techniques, 87 (3), pp. 233-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030108933&partnerID=40&md5=46b8929af237b33cbd6c03c223842db8
	Gladkikh, N.T., Dukarov, S.V., Sukhov, V.N.	Overcooling on metal crystallization in island-like vacuum deposited films (1994) Fizika Metallov i Metallovedenie, 78 (3), pp. 87-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028505712&partnerID=40&md5=928dc368644e6bfe84f994af1551df7
	Gladkikh, N.T., Larin, V.I., Sukhov, V.N.	Phase diagrams and supercooling on crystallization of binary alloys in condensed films. (11. Supercooling on crystallization) (1993) Rasplavy, (5), pp. 8-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027654864&partnerID=40&md5=b9c483ef95e9234fe1bc5f304a7ee449
	Gladkikh, N.T., Larin, V.I., Sukhov, V.N.	Phase diagrams and supercooling by crystallization of binary alloys in condensed films (I. Phase diagrams) (1993) Rasplavy, (3), pp. 28-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027596927&partnerID=40&md5=652b25f41e890fed88c603c0c362af1d
	Gladkikh, N.T., Chizhik, S.P., Larin, V.I., Grigor'eva, L.K., Sukhov, V.N. , Makarovskii, N.A.	Supercooling during crystallization of binary alloys as condensed films (1989) Russian metallurgy. Metally, (5), pp. 38-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024878802&partnerID=40&md5=aaea7c0099cc3246abae146a2b87feab
	Gladkikh, N.T., Chizhik, S.P., Larin, V.I., Grigor'eva, L.K., Samsonik, A.L., Sukhov, V.N.	STRUCTURE OF BINARY ALLOYS IN CONDENSED FILMS. (1987) Russian metallurgy. Metally, (1), pp. 173-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023241226&partnerID=40&md5=03fc92da6c5e7c291aca29b42593ad2

122.	Sereda, I.N., Tseluyko, A.F. , Ryabchikov, D.L., Babenko, I.V., Hrechko, Y.O., Hetman, V.A.	Longitudinal extraction of H ⁻ ions from penning discharge with metal-hydride cathode (2017) Problems of Atomic Science and Technology, 107 (1), pp. 183-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016120109&partnerID=40&md5=c162d7b813eca586abf314e81f25cce7
	Hrechko, Y.O., Azarenkov, N.A., Babenko, I.V., Ryabchikov, D.L., Sereda, I.N., Shovkun, M.A., Tseluyko, A.F.	The capacitive component of double layer current in plasma (2017) Problems of Atomic Science and Technology, 107 (1), pp. 219-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016118981&partnerID=40&md5=84618308525964d47c14d4728f8eddb
	Hrechko, Y.O., Azarenkov, N.A., Babenko, I.V., Ryabchikov, D.L., Sereda, I.N., Shovkun, M.A., Tseluyko, A.F.	Features of active power definition in high-current pulsed discharge (2016) Problems of Atomic Science and Technology, 106 (6), pp. 48-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007570602&partnerID=40&md5=4fd450777cadd3c67365ebf09c22b442
	Sereda, I.N., Tseluyko, A.F. , Ryabchikov, D.L., Babenko, E.V., Hrechko, Y.O., Hetman, V.A.	Separation of negative hydrogen ions from penning discharge with metal-hydride cathode (2016) Problems of Atomic Science and Technology, 106 (6), pp. 241-243.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007578918&partnerID=40&md5=e7aa410521f362da793518a80bb374cd
	Hrechko, Y.O., Azarenkov, N.A., Babenko, I.V., Raybchikov, D.L., Vusyk, N.N., Tseluyko, A.F.	Anisotropy of radiation from dense plasma of multiply ionized atoms (2015) Problems of Atomic Science and Technology, 98 (4), pp. 32-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941126282&partnerID=40&md5=58fc6c2ba46d189e881f6f998e23dd
	Sereda, I.N., Tseluyko, A.F. , Ryabchikov, D.L., Babenko, I.V., Hrechko, Y.O., Hetman, V.A.	Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply (2015) Problems of Atomic Science and Technology, 98 (4), pp. 342-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941077782&partnerID=40&md5=f55ed9ada0c34e014695638c59c71988
	Hrechko, Y., Azarenkov, N.A., Dimitrova, V.D., Borgun, I., Ryabchikov, D.L., Sereda, I.N., Hryhorenko, A.V., Tseluyko, A.F.	Dynamics of euv-radiation from the partially contracted plasma diode (2015) Problems of Atomic Science and Technology, 95 (1), pp. 190-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923204803&partnerID=40&md5=02d96cce057db4718a6fa8647f9641ac
	Borgun, I.V., Hrechko, Y.O., Azarenkov, N.A., Dimitrova, V.D., Ryabchikov, D.L., Sereda, I.N., Hryhorenko, A.V., Tseluyko, A.F.	Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation (2015) Problems of Atomic Science and Technology, 95 (1), pp. 174-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923123356&partnerID=40&md5=3dad3a6c8d2ec84395cfe14256d8211a
	Borgun, I.V., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	PIG charged particle source with hydrogen supply from a metal-hydride cathode (2014) Journal of Physics: Conference Series, 514 (1), статья № 012051, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902124668&doi=10.1088%2f1742-6596%2f514%2f1%2f012051&partnerID=40&md5=4d61478e1ca84efabfaa1ed48cc26d5a
	Sereda, I.N., Tseluyko, A.F. , Ryabchikov, D.L., Borgun, I.V., Goncharenko, M.O.	Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode (2014) Problems of Atomic Science and Technology, 94 (6), pp. 201-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918591590&partnerID=40&md5=e6e852d47cc1612e9638cd8180014e19
	Mysiura, I.N., Girka, I.A., Azarenkov, N.A., Borgun, I.V., Hrechko, Y.O., Hryhorenko, A.V., Dimitrova, V.D., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	Features of electron beam evaporation under surface electron beam formation (2014) Problems of Atomic Science and Technology, 94 (6), pp. 149-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918494560&partnerID=40&md5=54a4fd0587869cb49db6a78f6a8c76c6
	Agarkov, A.V., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	PIG with metal-hydride cathode under ion-stimulated desorption of hydrogen (2013) Problems of Atomic Science and Technology, (4), pp. 301-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881593506&partnerID=40&md5=20863e17bd7d3d8dbad5244b0c7916fe
	Borgun, I.V., Zinov'ev, D.V., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	Dynamical accelerating structures of thermoionic plasma (2013) Problems of Atomic Science and Technology, (4), pp. 61-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881580758&partnerID=40&md5=4681377b1b7c6b692655a022c36a89e4
	Borgun, I.V., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	Experimental simulation of metal-hydride cathode working in penning discharge (2013) Problems of Atomic Science and Technology, (1), pp. 228-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876173078&partnerID=40&md5=8fcb049a5d8c45a5f03b2165c609c834
	Borgun, I.V., Azarenkov, N.A., Hassanein, A., Tseluyko, A.F. , Maslov, V.I., Ryabchikov, D.L.	Double electric layer influence on dynamic of EUV radiation from plasma of high-current pulse diode in tin vapor (2013) Physics Letters, Section A: General, Atomic and Solid State Physics, 377 (3-4), pp. 307-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871011997&doi=10.1016%2fj.physleta.2012.11.027&partnerID=40&md5=ba77fecbad9c5e58b4e6ab57b856b56
	Borgun, I.V., Azarenkov, N.A., Hassanein, A., Tseluyko, A.F. , Maslov, V.I., Ryabchikov, D.L., Grechko, Y.	Influence of external magnetic field on intensity and directivity of EUV radiation from high-current pulse plasma diode (2012) Problems of Atomic Science and Technology, (6), pp. 184-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871725859&partnerID=40&md5=8fcd1bf6d2a8506dc5f342d2aa28ca0e
	Tseluyko, A.F. , Lazurik, V.T., Ryabchikov, D.L., Hassanein, A., Borgun, I.V., Sereda, I.N., Borisko, S.V.	Dynamic of wall currents in pulse plasma diode in tin vapor (2011) Problems of Atomic Science and Technology, (1), pp. 143-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952468703&partnerID=40&md5=9dd4fbefcd107c579d1ff7a43f38fa
	Tseluyko, A.F. , Lazurik, V.T., Ryabchikov, D.L., Hassanein, A., Maslov, V.I., Borgun, I.V., Sereda, I.N.	Influence of plasma nucleus form on radiation orientation in high-current pulse plasma diode (2010) Problems of Atomic Science and Technology, (6), pp. 176-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650603922&partnerID=40&md5=9a45f5467bf4890d1cee8b94f0a29205
	Sereda, I.N., Tseluyko, A.F. , Ryabchikov, D.V., Klochko, Y.V.	Influence of metal-hydride cathode on electrons yield from pig (2010) Problems of Atomic Science and Technology, (4), pp. 226-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149478925&partnerID=40&md5=bcddd1a06d2d631b147f111598c5a4d7
	Tseluyko, A.F. , Lazurik, V.T., Ryabchikov, D.V., Sereda, I.N., Zinov'ev, D.V., Borgun, I.V.	Orientation of superradiation from plasma of high-current pulse plasma diode (2010) Problems of Atomic Science and Technology, (4), pp. 66-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149473134&partnerID=40&md5=59a45abc3c74112249b13fef3a84336
	Tseluyko, A.F. , Lazurik, V.T., Ryabchikov, D.V., Maslov, V.I., Azarenkov, N.A., Sereda, I.N., Zinov'ev, D.V., Yunakov, N.N., Makienko, A.A.	Dynamics and directions of extreme ultraviolet radiation from plasma of the high-current pulse diode (2009) Problems of Atomic Science and Technology, (1), pp. 165-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650629294&partnerID=40&md5=d6c6b7691af2a144b1e9901b3e0312f9
	Sereda, I.N., Klochko, Ye.V., Tseluyko, A.F.	Peculiarities of metal-hydride cathode applying in pig ion source (2008) Problems of Atomic Science and Technology, (4), pp. 155-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549287144&partnerID=40&md5=1d29975a738d22d448c813c660a6f163
	Tseluyko, A.F. , Lazurik, V.T., Ryabchikov, D.L., Maslov, V.I., Sereda, I.N.	Experimental study of radiation in the wavelength range 12.2-15.8 nm from a pulsed high-current plasma diode (2008) Plasma Physics Reports, 34 (11), pp. 963-968.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-55849143683&doi=10.12693%2fAPhysPolA.131.928&partnerID=40&md5=e0e9a667a77ae58eb925d9f67d13bc
	Zinov'ev, D.V., Tseluyko, A.F. , Farenik, V.I., Yunakov, N.N.	Forming of intensive metal ion flows in plasma beam discharge (1996) IEEE International Conference on Plasma Science, p. 150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029711961&partnerID=40&md5=f26da0df433882fa0bc180553fe7fc
	Tseluyko, A.F. , Zinov'ev, D.V., Yunakov, N.N., Chundra, A.G.	Ion flows created by reflecting arc discharge with hot cathode (1996) IEEE International Conference on Plasma Science, pp. 222-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029711013&partnerID=40&md5=2ea9e7b6ebf32a5b35940c996b8413d0
123.	Ezerskaya, E.V.	The energy spectrum and thermodynamics of spin-1/2 XX chain with ising impurities (2017) Acta Physica Polonica A, 131 (4), pp. 928-930.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019547524&doi=10.12693%2fAPhysPolA.131.928&partnerID=40&md5=069a7e47110993b5cccd87c003172a389
	Cheranoskii, V.O., Ezerskaya, E.V. , Klein, D.J., Tokarev, V.V.	Ground-state spin of hubbard ladder model with infinite electron repulsion (2017) Acta Physica Polonica A, 131 (4), pp. 916-918.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019617261&doi=10.12693%2fAPhysPolA.131.916&partnerID=40&md5=913c24735c48f943eb48b65e0d445d96
	Cheranoskii, V.O., Ezerskaya, E.V. , Klein, D.J., Tokarev, V.V.	Lowest energy states of Hubbard ladder model with infinite electron repulsion (2016) Computational and Theoretical Chemistry, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018997383&doi=10.1016%2fj.comptc.2017.03.026&partnerID=40&md5=7527cac65363379f24b257513ec4ac7
	Cheranoskii, V.O., Ezerskaya, E.V.	Magnetic Properties of the Infinite U Hubbard Model on One-Dimensional Frustrated Lattices (2015) Journal of Superconductivity and Novel Magnetism, 28 (3), pp. 773-776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938062580&doi=10.1007%2fs10948-014-2642-9&partnerID=40&md5=d9eeda4b4c7199e50a87d8d877edd76
	Cheranoskii, V.O., Ezerskaya, E.V.	$U = \infty$ Hubbard model for 1D frustrated magnets (2013) Croatica Chemica Acta, 86 (4), pp. 431-434.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897710485&doi=10.5562%2fcca2323&partnerID=40&md5=25d0f2de766d0a9f9f1776f53986f4fc

	Cheranovskii, V.O., Ezerskaya, E.V. , Kravchenko, A.A.	On a spectrum of the t-J model on a deformed lattice "necklace ladder" (2012) Low Temperature Physics, 38 (6), pp. 473-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862658194&doi=10.1063%2F1.4723665&partnerID=40&md5=522f095c9797fb48985669e32d4b622a
	Cheranovskii, V.O., Ezerskaya, E.V. , Kravchenko, A.A.	On the energy spectrum of t-J model on the distorted necklace ladder (2012) Fizika Nizkikh Temperatur, 38 (6), pp. 606-615.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860743424&partnerID=40&md5=a70c6994b2e4e1f0c126171cf07b177a
	Cheranovskii, V.O., Ezerskaya, E.V. , Klein, D.J., Kravchenko, A.A.	Magnetic properties of model non-carbon nanotubes with macroscopic value of ground state spin (2011) Journal of Magnetism and Magnetic Materials, 323 (12), pp. 1636-1642.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952359381&doi=10.1016%2Fj.jmmm.2011.01.027&partnerID=40&md5=c259b201e08ca1a92ec002c30cf9dbd8d
	Cheranovskii, V.O., Ezerskaya, E.V.	On the energy spectrum and ground-state properties of the decorated Heisenberg spin tube (2010) Acta Physica Polonica A, 118 (5), pp. 946-947.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649618216&partnerID=40&md5=9a4761ec6153644ca90dff47046ebda9
	Cheranovskii, V.O., Ezerskaya, E.V.	Magnetic properties of a necklace spin ladder (2008) Low Temperature Physics, 34 (3), pp. 223-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149086844&doi=10.1063%2F1.2887867&partnerID=40&md5=1cbb70a7be6105b6a76535cf1e14be29
	Cheranovskii, V.O., Ezerskaya, E.V.	Magnetic properties of necklace spin ladder (2008) Fizika Nizkikh Temperatur (Kharkov), 34 (3), pp. 287-292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40849145996&partnerID=40&md5=2ee32da45aa99416aaaecab81fe4786
	Ezerskaya, E.V. , Chovpan, A.A.	Low-temperature properties of the XY spin chain with an impurity fragment (2006) Low Temperature Physics, 32 (10), статья № 005610LTP, pp. 921-927.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751284735&doi=10.1063%2F1.2364480&partnerID=40&md5=cb7948dc1cf0b76e731d3c53c6b0e76f
	Ezerskaya, E.V. , Chovpan, A.A.	Low temperature properties of XY spin-1/2 chain with impurity fragment (2006) Fizika Nizkikh Temperatur (Kharkov), 32 (10), pp. 1213-1221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749666159&partnerID=40&md5=ac0905695966fd3c178d17853a4e6306
	Cheranovskii, V.O., Chovpan, A.A., Ezerskaya, E.V. , Özkan, I.	Energy spectrum and thermodynamics of anisotropic spin-1/2 two-leg ladder (2006) International Journal of Quantum Chemistry, 106 (10), pp. 2254-2261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745779681&doi=10.1002%2Fqua.20998&partnerID=40&md5=17184451da490a34b64b64905ed78c07
	Cheranovskii, V.O., Ezerskaya, E.V. , Kuznetsova, T.O.	On the energy spectrum of a spin lattice formed by a finite number of coupled spin-1/2 XY chains (2002) Journal of Physics Condensed Matter, 14 (34), pp. 8025-8032.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037008952&doi=10.1088%2F0953-8984%2F14%2F34%2F321&partnerID=40&md5=9e602820976a45493a7999c115c5082d
	Cheranovskii, V.O., Ezerskaya, E.V. , Özkan, I.	Energy spectrum of extended Hubbard model with spin-dependent hopping and related spin ladder model (2002) International Journal of Quantum Chemistry, 88 (4), pp. 398-402.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037097196&doi=10.1002%2Fqua.10177&partnerID=40&md5=e4749480221790773acd15157eca6ba
	Cheranovskii, O.V., Ezerskaya, E.V. , Özkan, I.	The energy spectrum of a spin-1/2 ladder with mixed interactions (2001) Journal of Physics Condensed Matter, 13 (20), pp. 4525-4534.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035926882&doi=10.1088%2F0953-8984%2F13%2F20%2F2313&partnerID=40&md5=0ff2c14dc4ccfd94580b4d0dad93bc3d
	Cheranovskii, V.O., Ezerskaya, E.V. , Krikunov, M.V.	Excitation spectrum of Hubbard model with infinite electron repulsion on stripe-type triangular lattices (2001) International Journal of Quantum Chemistry, 81 (4), pp. 253-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035252927&doi=10.1002%2F1097-461X%282001%2981%3a4%3c253%3a%3aAID-QUA2%3e3.0.CO%3b2-H&partnerID=40&md5=2735d4d8d1fd0932f8d787cb44649311
	Cheranovskii, V.O., Ezerskaya, E.V. , Zhikol, O.A., Kinal, A., Pamuk, H.O.	Effect of doping on the ground-state spin of stacked organometallic ferromagnets (1999) International Journal of Quantum Chemistry, 73 (6), pp. 511-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342889066&partnerID=40&md5=e4bd7cc09a36005b333304d92de815da
	Cheranovskii, V.O., Ezerskaya, E.V. , Krikunov, M.V.	On the spectrum of the Hubbard model with infinite repulsion on anisotropic triangular ladder-type lattice (1999) Low Temperature Physics, 25 (4), pp. 280-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644452654&partnerID=40&md5=30b4df71be2c34382ebd1b6f0864a100
	Ezerskaya, E.V.	Low-temperature properties of two XY spin chains with point-contact interaction (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (5), p. 480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342955558&partnerID=40&md5=e0a42e88fad8414bc2a399183d1581b0
	Ezerskaya, E.V.	Low-temperature properties of two XY spin chains with a point contact (1998) Low Temperature Physics, 24 (5), pp. 359-363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750113159&partnerID=40&md5=dcdb81a6ba7d6538248b683451618b5e
	Ezerskaya, E.V.	Low-temperature properties of two XY spin chains with point-contact interaction (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (5), pp. 474-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032067111&partnerID=40&md5=b5ee35afdcfa431818334edbbf94d1c3
	Cheranovskii, V.O., Ezerskaya, E.V.	Analytical and numerical results for the spectrum of the modified one-dimensional Kondo-lattice model (1997) Physical Review B - Condensed Matter and Materials Physics, 55 (18), pp. 12480-12487.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0542441425&partnerID=40&md5=ab992af93fd50c1fa59a0f3ce3b0969e
124.	Kaliberda, M.E. , Lytvynenko, L.M., Pogarsky, S.A.	Singular integral equations in diffraction problem by an infinite periodic strip grating with one strip removed (2016) Journal of Electromagnetic Waves and Applications, 30 (18), pp. 2411-2426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996593379&doi=10.1080%2F09205071.2016.1254071&partnerID=40&md5=1c0de4a3bffa8e668fd612feddae14b2
	Kaliberda, M.E. , Pogarsky, S.A.	Infinite periodic grating with one strip removed in the case of small strips width relative to the period (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724161, pp. 101-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000352294&doi=10.1109%2FUWBUSIS.2016.7724161&partnerID=40&md5=c5b4e4d8d6efbd911ac4d8eae09afe8e
	Kaliberda, M.E. , Pogarsky, S.A., Lytvynenko, L.M.	Analysis of the E-polarized electromagnetic wave diffraction by an infinite periodical strip grating without one strip (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, статья № 7544072, pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984991284&doi=10.1109%2FMMET.2016.7544072&partnerID=40&md5=6026ee57d2b2419f9ef88937debcb26
	Koval'Ova, A.A., Kaliberda, M.E. , Pogarsky, S.A.	Analysis of the H-polarized electromagnetic wave diffraction by a semi-infinite periodical strip grating (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, статья № 7544073, pp. 252-255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984963129&doi=10.1109%2FMMET.2016.7544073&partnerID=40&md5=cdff65851f6c8dea762570bbf0a45d5d7
	Kaliberda, M.E. , Pogarsky, S.A., Lytvynenko, L.M.	Analysis of the H-polarized electromagnetic wave diffraction by an infinite periodical strip grating without one strip (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538194, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987942292&doi=10.1109%2FMSMW.2016.7538194&partnerID=40&md5=d575759add29e39890ca739295183aa5
	Kaliberda, M.Y. , Pogarsky, S.A., Shevchenko, B.V.	Venetian blind type fractal grating with modified edge as the basis for creation of the required efficient scattering area of the object (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (16), pp. 1435-1441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011590041&doi=10.1615%2FtelecomRadEng.v75.i16.20&partnerID=40&md5=68e363f258fda684d933b6f693af984d
	Kaliberda, M.E. , Pogarsky, S.A.	Electromagnetic interaction of a single strip with a plane semi-infinite grating (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136806, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939455076&doi=10.1109%2FICATT.2015.7136806&partnerID=40&md5=f7318f06b4667a09855ce96c92b3d586
	Kaliberda, M.E. , Lytvynenko, L.M., Pogarsky, S.A.	Diffraction of H-polarized electromagnetic waves by a multi-element planar semi-infinite grating (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (9), pp. 753-767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941711833&partnerID=40&md5=232c2ee8080de3a6d72e8c8200a4145
	Kaliberda, M.Ye. , Pogarsky, S.A., Ulyankin, Ye.Ye.	Electrodynamic characteristics of a coaxial hollow inner conductor waveguide with a system of axially symmetric Nonperiodically arranged Inhomogeneities (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (7), pp. 577-583.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941652588&doi=10.1615%2FtelecomRadEng.v74.i7.20&partnerID=40&md5=54de600cf1f6f97104303e5a21463cc9

	Kaliberda, M.Ye., Pogarsky, S.A., Belousov, V.A.	The method of hypersingular integral equations in a problem on diffraction by the finite metamaterial based upon open rectangular frames (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (12), pp. 1033-1040.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940279563&doi=10.1615/2fTelecomRadEng.v73.i12.10&partnerID=40&md5=3fa49fd929abd6524497757f23873c94
	Kaliberda, M.E., Lytvynenko, L.M., Pogarsky, S.A.	Operator method in the waves diffraction problem by a semi-infinite grating of strips placed in parallel planes (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, статья № 6622080, pp. 415-417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888601209&doi=10.1109/2fMSMW.2013.6622080&partnerID=40&md5=894f755cd8a8ac52ad3b18f6abfab8bf
	Kaliberda, M.E., Pogarsky, S.A., Belousov, V.A.	The parameters of filters based on a system of slots in the hollow inner conductor of a coaxial waveguide with parallel genetic algorithm optimization (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, статья № 6622094, pp. 424-426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888630160&doi=10.1109/2fMSMW.2013.6622094&partnerID=40&md5=394e5e12df6101e888b107770074f9b2
	Kaliberda, M.Ye., Pogarsky, S.A., Drozdov, K.S.	Calculation of dielectric electronegative metamaterial properties in a circular multilayered dielectric waveguide (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (16), pp. 1481-1486.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883643160&doi=10.1615/2fTelecomRadEng.v72.i16.30&partnerID=40&md5=f7226e9d2f1acc5b4a86bd06165e9699
	Kaliberda, M.E., Pogarsky, S.A.	Method of hypersingular integral equations in diffraction problem by strip grating of rectangular split-ring resonators (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650798, pp. 420-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898632753&doi=10.1109/2fICATT.2013.6650798&partnerID=40&md5=f2d89ba96de7b98fc549cb670e69447b
	Lytvynenko, L.M., Kaliberda, M.E., Pogarsky, S.A.	Wave diffraction by semi-infinite venetian blind type grating (2013) IEEE Transactions on Antennas and Propagation, 61 (12), статья № 6595561, pp. 6120-6127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897717398&doi=10.1109/2fTAP.2013.2281510&partnerID=40&md5=f888a4532971cac058292f8c1707e8f
	Kaliberda, M.E., Pogarsky, S.A.	Operator method in a plane waveguide eigenmodes diffraction problem by finite and semiinfinite system of slots (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, статья № 6331296, pp. 130-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870782555&doi=10.1109/2fMMET.2012.6331296&partnerID=40&md5=bb01b7f424fd47bb1287fd73aef3765
	Kaliberda, M.E., Pogarsky, S.A., Sukhov, V.N.	Waves diffraction in coaxial waveguide with slots in the inner conductor (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379815, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872250237&doi=10.1109/2fUWBUSIS.2012.6379815&partnerID=40&md5=edcafd0f4ca3cd6cb8742ac6c37c4a4
	Lytvynenko, L.M., Kaliberda, M.E., Pogarsky, S.A.	Solution of waves transformation problem in axially symmetric structures (2012) Frequenz, 66 (1-2), pp. 17-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858666732&doi=10.1534/2fFREQU.2012.012&partnerID=40&md5=fdc1b4e4555fc5dd990adabc9a30f640
	Kaliberda, M.E., Pogarsky, S.A.	Diffraction problem by a system of rectangular slots in a common wall of rectangular waveguides (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609100, pp. 85-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650124471&doi=10.1109/2fUWBUSIS.2010.5609100&partnerID=40&md5=dc17cb94305a7bcabe0a172e730a991
	Kaliberda, M.E., Pogarsky, S.A.	The diffraction of axially-symmetric modes by the system of discontinuities in a coaxial waveguide (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, статья № 5546197, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957332666&doi=10.1109/2fMSMW.2010.5546197&partnerID=40&md5=15acf929c9bdcddc238f0766041b5f
	Kaliberda, M.E., Litvinenko, L.N., Pogarsky, S.A.	Diffraction of H _{0m} and e _{0m} modes by a system of axially symmetric discontinuities in a coaxial circuit (2010) Journal of Communications Technology and Electronics, 55 (5), pp. 505-511.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953315810&doi=10.1134/2fIS1064226910050037&partnerID=40&md5=6d9de8cb710ca58acdc414f1509f644
	Kaliberda, M.E., Litvinenko, L.N., Pogarsky, S.A.	Operator method in the analysis of electromagnetic wave diffraction by planar screens (2009) Journal of Communications Technology and Electronics, 54 (9), pp. 975-981.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349562650&doi=10.1134/2fIS1064226909090010&partnerID=40&md5=929e365e750f54315aa4f23f5a42b1
	Kaliberda, M.E., Pogarsky, S.A.	Rectangular waveguide with strips for ultrawide band application (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, статья № 4669408, pp. 198-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649148811&doi=10.1109/2fUWBUSIS.2008.4669408&partnerID=40&md5=5704d4438e7619babe76b1ee3b13eaf
	Kaliberda, M.E.	Plane wave diffraction by finite-element mlti-layered strip grating (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 1, статья № 4294643, pp. 304-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249119721&doi=10.1109/2fMSMW.2007.4294643&partnerID=40&md5=36ce3412680bee30d2b0e80ee2f4a3f3
125.	Katrich, A.B.	Degree of paraxiality for monochromatic beams (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657546, pp. 109-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893749568&doi=10.1109/2fCAOL.2013.6657546&partnerID=40&md5=c43072b538bbef0c8efbed907e22dbb
	Katrich, A.B.	The contribution of evanescent waves into the field (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068857, pp. 1126-1127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455139743&partnerID=40&md5=8028c313d81303909fdee184d1055cee
	Katrich, A.B.	The contribution of evanescent waves into the power Transfer (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, статья № 5634235, pp. 141-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650337367&doi=10.1109/2fCAOL.2010.5634235&partnerID=40&md5=755abcd97f21874e6b717666b492a16c
	Katrich, A.B.	On the propagation of evanescent waves (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671896, pp. 304-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849083179&doi=10.1109/2fCAOL.2008.4671896&partnerID=40&md5=6362fe1618925a4123284d4242f1e85b
	Katrich, A.B.	Comment on 'Structure of the transverse profile of Gaussian-model non-paraxial electromagnetic beams' (2006) Journal of Optics A: Pure and Applied Optics, 8 (11), статья № N01, pp. 1023-1024.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751296550&doi=10.1088/2f1464-4258/2f89%2f11%2fN01&partnerID=40&md5=a09d7704a94484bd862c9b79cb7057ed
	Katrich, A.B.	Do evanescent waves really exist in free space? (2005) Optics Communications, 255 (4-6), pp. 169-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27144499166&doi=10.1016/2fj.optcom.2005.06.012&partnerID=40&md5=9d3fb1e676faca22bc5b69c01d87ed0a
	Katrich, A.B.	On the validity of Rayleigh-Sommerfeld propagation formulas (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 45-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244473666&partnerID=40&md5=e891ac578de49b9f177de3bb9ae7c887
	Katrich, A.B.	Shape invariance parameters in laser beam diagnostics (2002) Optics Communications, 211 (1-6), pp. 9-14.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036787137&doi=10.1016/2fSO30-4018%2f02%2f901860-68&partnerID=40&md5=40885bda67ecd30c32c264a4bda7eb7f
	Katrich, A.B.	Laser beam shape invariance parameters (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 1014187, pp. 249-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961875593&doi=10.1109/2fLFNM.2002.1014187&partnerID=40&md5=651262df4ea4c4a44e7f26747630174
	Katrich, A.B., Balkashin, V.P.	Measuring of laser power at low pressure (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 1014210, pp. 320-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961924557&doi=10.1109/2fLFNM.2002.1014210&partnerID=40&md5=4324d39d2769e1aa781e0bd8b38eae73
	Katrich, A.B., Priz, I.A.	Laser beam diagnostics with scattered radiation (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 1014109, pp. 66-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961910977&doi=10.1109/2fLFNM.2002.1014109&partnerID=40&md5=b89db840bcc137966f00f3bdfec85a3e

	Katrich, A.B.	Laser beam quality measurements (2001) Proceedings of LFNМ 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 930228, pp. 130-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963877298&doi=10.1109%2Flnfm.2001.930228&partnerID=40&md5=eefcd294c1c644fad4dec688e7b5ed77c
	Katrich, A.B. , Katrich, A.A., Priz, I.A.	Laser beam focal spot analysis (2001) Proceedings of LFNМ 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 930210, pp. 77-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963894734&doi=10.1109%2Flnfm.2001.930210&partnerID=40&md5=b21fdb6d1c3da858091cbbdb20835f13
	Katrich, A.B. , Katrich, A.A., Priz, I.A.	Laser beam characterization (2000) Proceedings of LFNМ 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 854033, pp. 32-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960433450&doi=10.1109%2Flnfm.2000.854033&partnerID=40&md5=54cfab0560657db4b980d1508a601922
	Katrich, A.B.	Low-aspect computational diagnostics in optical studies (1991) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 71 (1), pp. 67-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026192806&partnerID=40&md5=1cfb6e99a3c5e0be0260db4f460b1ecc
	Katrich, A.B. , Kamyshan, V.V.	Determination of distribution functions for the characteristics of heat and mass exchange processes by means of bolometric converters (1991) Journal of Engineering Physics (English Translation of Inzhenerno-Fizicheskii Zhurnal), 59 (2), pp. 974-977.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026105708&partnerID=40&md5=b4850285a8af16f2ea186a95f23b878
	Katrich, A.B. , Kamyshan, V.V.	Determination of distribution functions for the characteristics of heat and mass exchange processes by means of bolometric converters (1990) Journal of Engineering Physics, 59 (2), pp. 974-977.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249916995&doi=10.1007%2Fbfo0872812&partnerID=40&md5=4578fda299e6737b3a1ffe1be3690170
	Katrich, A.B.	Measurement of distributions of multielement transducers (1989) Optoelectronics, instrumentation, and data processing, (4), pp. 114-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024919636&partnerID=40&md5=380396698981284201133b4563b17d9e
	Katrich, A.B. , Khudoshin, A.V.	MEASUREMENT OF SPATIAL-ENERGY CHARACTERISTICS OF LASER LIGHT. (1987) Optoelectronics, Instrumentation and Data Processing (English translation of Avtometriya), (2), pp. 108-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023597062&partnerID=40&md5=de56602c26f9dc8d8c63853ac9fb2281
	Katrich, A.B. , Khudoshin, A.V., Kuz'michev, V.M.	USE OF DIFFRACTION COUPLERS IN THE ANALYSIS OF THE SPATIAL STRUCTURE OF RADIATION. (1983) Soviet journal of quantum electronics, 13 (11), pp. 1494-1497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020846785&partnerID=40&md5=9e58db8d4016feedbfbf9ece8a1675c
	Katrich, A.B. , Kuz'michev, V.M.	RADIATION DETECTORS BASED ON THE NERNST-ETTINGSHAUSEN EFFECT. (1978) Sov J Quantum Electron, 8 (9), pp. 1102-1105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018009061&partnerID=40&md5=5099f649b77b40db64a63ba2dd97e87d
	Katrich, A.B. , Koltok, Yu.V., Kuz'michev, V.M., Latynin, Yu.M.	LASER-INDUCED EMF IN A METAL FILM. (1977) Sov Tech Phys Lett, 3 (4), pp. 151-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017476616&partnerID=40&md5=9219067afebbd5058ef64cbf13ba47de
	Koltok, Yu.V., Katrich, A.B. , Kuz'michev, V.M., Latynin, Yu.M.	APPEARANCE OF AN EMF IN SOME METALS SUBJECTED TO A MAGNETIC FIELD AND LASER PULSES. (1977) Sov J Quantum Electron, 7 (1), pp. 125-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017419724&partnerID=40&md5=e73f1ab8e41aa1c43cc69f8f13d9893c
	Kuz'michev, V.M., Katrich, A.B.	DETERMINATION OF THE ENERGY CENTER AND DIAMETER OF A LASER BEAM. (1975) Sov J Quantum Electron, 5 (1), pp. 109-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016531062&partnerID=40&md5=c34b7d81cfcb473c5382c77096fa916
126.	Vasylenko, O., Zheltopiyatova, N., Zhurenko, V., Kalantaryan, O., Kononenko, S., Muratov, V. , Filipenko, V.	The ionoluminescence characteristics of quartz (2010) Functional Materials, 17 (1), pp. 67-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888252112&partnerID=40&md5=263c793552e47491f7533e36b2b1f443
	Bolotov, V.N., Fedorchenko, V.D., Gritsenko, V.I., Muratov, V.I.	Control over spectral characteristics of electromagnetic pulses (2010) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 268 (9), pp. 1450-1455.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950860137&doi=10.1016%2Fj.nimb.2010.01.003&partnerID=40&md5=68f037ba66062ee0c2c0f83305215699
	Bolotov, V.N., Kononenko, S.I., Muratov, V.I. , Fedorchenko, V.D.	Transition radiation induced by nonrelativistic electron bunches (2009) Problems of Atomic Science and Technology, (1), pp. 125-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865323687&partnerID=40&md5=050ff719255d9d549f72a5c97b28ef94
	Bolotov, V.N., Kononenko, S.I., Muratov, V.I. , Fedorchenko, V.D.	Generation of Non-relativistic electron bunches and measurement of their basic parameters (2008) Problems of Atomic Science and Technology, (4), pp. 35-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549244799&partnerID=40&md5=c0cd7bc75c792f11c9fa64d0f00b3168
	Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P., Kolesnik, V.T., Muratov, V.I. , Karas, V.I., Filipenko, V.E.	Experimental study of secondary emission radioisotope current source prototype (2008) Problems of Atomic Science and Technology, (4), pp. 294-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549275106&partnerID=40&md5=ea4edbf7125f11fdaed172f2fa2fa5a5
	Bolotov, V.N., Kononenko, S.I., Muratov, V.I. , Fedorchenko, V.D.	Generation of non-relativistic electron bunches and measurement of their basic parameters (2008) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 596 (3), pp. 285-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54549123340&doi=10.1016%2Fj.nima.2008.08.069&partnerID=40&md5=f706cc27506fc80aaf44a5a9a6ec859
	Bolotov, V.N., Fedorchenko, V.D., Kononenko, S.I., Muratov, V.I.	Microwave radiation of nonrelativistic electron bunches passing through diaphragms (2007) Proceedings of the 36th European Microwave Conference, EuMC 2006, статья № 4058116, pp. 1473-1475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41649094676&doi=10.1109%2FUMC.2006.2811336&partnerID=40&md5=7ec03ca29f894cc0ee5f461b4306aeb
	Kononenko, S.I., Kalantaryan, O.V., Muratov, V.I. , Zhurenko, V.P.	Silica luminescence induced by fast light ions (2007) Radiation Measurements, 42 (4-5), pp. 751-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548283658&doi=10.1016%2Fj.radmeas.2007.02.061&partnerID=40&md5=b63f83521a964020159fa4dbed0d6f51
	Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P., Muratov, V.I. , Bolotov, V.N., Fedorchenko, V.D.	Generation of electromagnetic waves by nonrelativistic charged particle interaction with metal surfaces (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 392-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947163852&doi=10.1016%2Fj.nimb.2006.12.035&partnerID=40&md5=d741ff62f939b7fcf109f2770439d9a
	Kononenko, S.I., Kalantaryan, O.V., Muratov, V.I. , Zhurenko, V.P.	Features of silica luminescence induced by molecular hydrogen ions (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 246 (2), pp. 340-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748662874&doi=10.1016%2Fj.nimb.2006.01.024&partnerID=40&md5=8024c04bf557ffe9c507b7863e5d0e1
	Bolotov, V.N., Fedorchenko, V.D., Kononenko, S.I., Muratov, V.I.	Influence of diaphragms geometry on transition radiation spectrum formation by electron bunches (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CrMiCo'2005 - Conference Proceedings, 2, статья № 1565100, pp. 701-703.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846286147&doi=10.1109%2FICRMICO.2005.1565100&partnerID=40&md5=e2ec82aab1c38c34858b52cef65f14b7
	Kononenko, S.I., Balebanov, V.M., Zhurenko, V.P., Kalantaryan, O.V., Karas, V.I., Kolesnik, V.T., Muratov, V.I. , Novikov, V.E., Potapenko, I.F., Sagdeev, R.Z.	Nonequilibrium electron distribution functions in a semiconductor plasma irradiated with fast ions (2004) Plasma Physics Reports, 30 (8), pp. 671-686.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644324265&doi=10.1134%2F1.1788761&partnerID=40&md5=dafb45a56a4644acc15a614954072274
	Bolotov, V.N., Kononenko, S.I., Muratov, V.I. , Fedorchenko, V.D.	Transition Radiation of Nonrelativistic Electron Bunches Passing through Diaphragms (2004) Technical Physics, 49 (4), pp. 466-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442631625&doi=10.1134%2F1.1736916&partnerID=40&md5=7570063fd7a5f11f85ea4f6065fd35b8
	Zhurenko, V.P., Kononenko, S.I., Karas, V.I., Muratov, V.I.	Dissipation of the energy of a fast charged particle in a solid-state plasma (2003) Plasma Physics Reports, 29 (2), pp. 130-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037304133&doi=10.1134%2F1.1545588&partnerID=40&md5=1833ea3c54b0ccc7bc1892a030bec828
	Karas, V.I., Kalantaryan, O.V., Kononenko, S.I., Muratov, V.I.	Possibility of oxide film detection on silicon surface (2003) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (9), pp. 85-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142105495&partnerID=40&md5=b15c3351ace4c845be6846fe740bb057
	Karas, V.I., Karas, I.V., Kononenko, S.I., Muratov, V.I.	The kinetic electron emission induced by fast ions (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220165, pp. 280-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864561709&partnerID=40&md5=6120e6d8ce38566c7c73190e5852fa22

Balebanov, V.M., Karas', V.I., Karas', I.V., Kononenko, S.I., Moiseev, S.S., Muratov, V.I. , Naguchev, O.Yu.	Steady-state nonequilibrium electron distributions characterized by a flux in momentum space in a solid-state plasma: Theory and applications (1998) Plasma Physics Reports, 24 (9), pp. 732-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032332892&partnerID=40&md5=7cc87db7406483d7b4ff923e544181ef
Balebanov, V.M., Moiseev, S.S., Karas', V.I., Karas', I.V., Kononenko, S.I., Kolesnik, V.I., Muratov, V.I.	Secondary-emission radioisotopic current source (1998) Atomic Energy, 84 (5), pp. 324-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040707412&partnerID=40&md5=fce73feaf64d9a86ea5de5e466f846f0
Balebanov, V.M., Moiseev, S.S., Karas', V.I., Karas', I.V., Kononenko, S.I., Kolesnik, V.T., Muratov, V.I.	Secondary emission radioisotope current source (1998) Atomnaya Energiya, 84 (5), pp. 398-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032068027&partnerID=40&md5=f9b190829152628b085970617a1962a
Murzin, I.H., Tompa, G.S., Forsythe, E.W., Wei, J., Muratov, V. , Fischer, T.	Use of sputtering and negative carbon ion sources to prepare carbon nitride films (1997) Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 15 (3), pp. 1179-1184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0003159258&doi=10.1116%2F1.580451&partnerID=40&md5=ee7a59d9fe146ca0b30b484238fbc4dd
Kalantaryan, O.V., Kolesnik, V.T., Kononeako, S.I., Muratov, V.I. , Storizhko, V.E.	Silicon luminescence induced by bombardment with fast hydrogen ions (1997) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 129 (1), pp. 77-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031170271&partnerID=40&md5=06e66527163e0b7eb0c3abc93b2a5e74
Murzin, I.H., Tompa, G.S., Wei, J., Muratov, V. , Fischer, T.E., Yakovlev, V.	Carbon nitride films formed using sputtering and negative carbon ion sources (1996) Materials Research Society Symposium - Proceedings, 438, pp. 569-574.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030353465&partnerID=40&md5=1b68d03d055c3c4cf6b23eac59c1727
Kalantaryan, O.V., Kolesnik, V.T., Kononenko, S.I., Muratov, V.I. , Storizhko, V.E.	Luminescence of aluminium induced by fast protons (1996) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 117 (1-2), pp. 68-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030217068&partnerID=40&md5=b7d652e67e51524a7f3f7c8694f2cb5
Kalantaryan, O.V., Kononenko, S.I., Manzyuk, N.A., Muratov, V.I. , Storizhko, V.E.	Study of optical emission from quartz bombarded with light ions (1993) Physics, chemistry and mechanics of surfaces, 8 (5), pp. 679-684.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027881582&partnerID=40&md5=176d86237ebbb67b7aa05da6e13549
Vasylichenko, O., Zheltopiyatova, N., Zhurenko, V., Kalantaryan, O., Kononenko, S., Muratov, V. , Filipenko, V.	The ionoluminescence characteristics of quartz (2010) Functional Materials, 17 (1), pp. 67-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888252112&partnerID=40&md5=263c793552e47491f7533e36b2b1f443
Bolotov, V.N., Fedorchenko, V.D., Gritsenko, V.I., Muratov, V.I.	Control over spectral characteristics of electromagnetic pulses (2010) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 268 (9), pp. 1450-1455.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950860137&doi=10.1016%2Fj.nimb.2010.01.003&partnerID=40&md5=68f037ba66062ee0c2c0f83305215699
Bolotov, V.N., Kononenko, S.I., Muratov, V.I. , Fedorchenko, V.D.	Transition radiation induced by nonrelativistic electron bunches (2009) Problems of Atomic Science and Technology, (1), pp. 125-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865323687&partnerID=40&md5=050ff719255d9d549f72a5c97b28ef94
Bolotov, V.N., Kononenko, S.I., Muratov, V.I. , Fedorchenko, V.D.	Generation of Non-relativistic electron bunches and measurement of their basic parameters (2008) Problems of Atomic Science and Technology, (4), pp. 35-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549244799&partnerID=40&md5=c0cd7bc75c792f11c9fa64d0f00b3168
Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P., Kolesnik, V.T., Muratov, V.I. , Karas', V.I., Filipenko, V.E.	Experimental study of secondary emission radioisotope current source prototype (2008) Problems of Atomic Science and Technology, (4), pp. 294-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549275106&partnerID=40&md5=ea4ed6b7125f11fdaed172f2fa2fa5a5
Bolotov, V.N., Kononenko, S.I., Muratov, V.I. , Fedorchenko, V.D.	Generation of non-relativistic electron bunches and measurement of their basic parameters (2008) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 596 (3), pp. 285-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54549123340&doi=10.1016%2Fj.nima.2008.08.069&partnerID=40&md5=f706cc27506fc80aaf44a5a9a6ec859
Bolotov, V.N., Fedorchenko, V.D., Kononenko, S.I., Muratov, V.I.	Microwave radiation of nonrelativistic electron bunches passing through diaphragms (2007) Proceedings of the 36th European Microwave Conference, EuMC 2006, статья № 4058116, pp. 1473-1475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4164909467&doi=10.1109%2FUMC.2006.281336&partnerID=40&md5=7ec03ca29f894cc0ee5f461b4306aeb
Kononenko, S.I., Kalantaryan, O.V., Muratov, V.I. , Zhurenko, V.P.	Silica luminescence induced by fast light ions (2007) Radiation Measurements, 42 (4-5), pp. 751-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548283658&doi=10.1016%2Fj.radmeas.2007.02.061&partnerID=40&md5=b63f83521a964020159fa4dbed0d6f51
Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P., Muratov, V.I. , Bolotov, V.N., Fedorchenko, V.D.	Generation of electromagnetic waves by nonrelativistic charged particle interaction with metal surfaces (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 392-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947163852&doi=10.1016%2Fj.nimb.2006.12.035&partnerID=40&md5=d741ff62ff939b7fcf109f2770439d9a
Kononenko, S.I., Kalantaryan, O.V., Muratov, V.I. , Zhurenko, V.P.	Features of silica luminescence induced by molecular hydrogen ions (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 246 (2), pp. 340-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748662874&doi=10.1016%2Fj.nimb.2006.01.024&partnerID=40&md5=8024c04bf5557ffe9c507b7863e5d0e1
Bolotov, V.N., Fedorchenko, V.D., Kononenko, S.I., Muratov, V.I.	Influence of diaphragms geometry on transition radiation spectrum formation by electron bunches (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CrMiCo'2005 - Conference Proceedings, 2, статья № 1565100, pp. 701-703.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846286147&doi=10.1109%2FICRMICO.2005.1565100&partnerID=40&md5=e2ec82aab1c38c34858b52cef65f14b7
Kononenko, S.I., Balebanov, V.M., Zhurenko, V.P., Kalantaryan, O.V., Karas', V.I., Kolesnik, V.T., Muratov, V.I. , Novikov, V.E., Potapenko, I.F., Sagdeev, R.Z.	Nonequilibrium electron distribution functions in a semiconductor plasma irradiated with fast ions (2004) Plasma Physics Reports, 30 (8), pp. 671-686.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644324265&doi=10.1134%2F1.1788761&partnerID=40&md5=dafb45a56a4644acc15a614954072274
Bolotov, V.N., Kononenko, S.I., Muratov, V.I. , Fedorchenko, V.D.	Transition Radiation of Nonrelativistic Electron Bunches Passing through Diaphragms (2004) Technical Physics, 49 (4), pp. 466-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442631625&doi=10.1134%2F1.1736916&partnerID=40&md5=7570063fd7a5f11f85ea4f6065fd35b8
Zhurenko, V.P., Kononenko, S.I., Karas', V.I., Muratov, V.I.	Dissipation of the energy of a fast charged particle in a solid-state plasma (2003) Plasma Physics Reports, 29 (2), pp. 130-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037304133&doi=10.1134%2F1.1545588&partnerID=40&md5=1833ea3c54b0ccc7bc1892a030bec828
Karas', V.I., Kalantaryan, O.V., Kononenko, S.I., Muratov, V.I.	Possibility of oxide film detection on silicon surface (2003) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (9), pp. 85-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142105495&partnerID=40&md5=b15c3351ace4c845be6846fe740bb057
Karas', V.I., Karas', I.V., Kononenko, S.I., Muratov, V.I.	The kinetic electron emission induced by fast ions (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220165, pp. 280-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864561709&partnerID=40&md5=6120e6d8ce38566c7c73190e5852fa22
Balebanov, V.M., Karas', V.I., Karas', I.V., Kononenko, S.I., Moiseev, S.S., Muratov, V.I. , Naguchev, O.Yu.	Steady-state nonequilibrium electron distributions characterized by a flux in momentum space in a solid-state plasma: Theory and applications (1998) Plasma Physics Reports, 24 (9), pp. 732-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032332892&partnerID=40&md5=7cc87db7406483d7b4ff923e544181ef
Balebanov, V.M., Moiseev, S.S., Karas', V.I., Karas', I.V., Kononenko, S.I., Kolesnik, V.I., Muratov, V.I.	Secondary-emission radioisotopic current source (1998) Atomic Energy, 84 (5), pp. 324-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040707412&partnerID=40&md5=fce73feaf64d9a86ea5de5e466f846f0
Balebanov, V.M., Moiseev, S.S., Karas', V.I., Karas', I.V., Kononenko, S.I., Kolesnik, V.T., Muratov, V.I.	Secondary emission radioisotope current source (1998) Atomnaya Energiya, 84 (5), pp. 398-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032068027&partnerID=40&md5=f9b190829152628b085970617a1962a
Murzin, I.H., Tompa, G.S., Forsythe, E.W., Wei, J., Muratov, V. , Fischer, T.	Use of sputtering and negative carbon ion sources to prepare carbon nitride films (1997) Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 15 (3), pp. 1179-1184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0003159258&doi=10.1116%2F1.580451&partnerID=40&md5=ee7a59d9fe146ca0b30b484238fbc4dd
Kalantaryan, O.V., Kolesnik, V.T., Kononeako, S.I., Muratov, V.I. , Storizhko, V.E.	Silicon luminescence induced by bombardment with fast hydrogen ions (1997) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 129 (1), pp. 77-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031170271&partnerID=40&md5=06e66527163e0b7eb0c3abc93b2a5e74
Murzin, I.H., Tompa, G.S., Wei, J., Muratov, V. , Fischer, T.E., Yakovlev, V.	Carbon nitride films formed using sputtering and negative carbon ion sources (1996) Materials Research Society Symposium - Proceedings, 438, pp. 569-574.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030353465&partnerID=40&md5=1b68d03d055c3c4cf6b23eac59c1727

	Kalantaryan, O.V., Kolesnik, V.T., Kononenko, S.I., Muratov, V.I. , Storizhko, V.E.	Luminescence of aluminium induced by fast protons (1996) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 117 (1-2), pp. 68-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030217068&partnerID=40&md5=b7d652e67e51524a7f3f7c8694f2cb5
	Kalantar'yan, O.V., Kononenko, S.I., Manzyuk, N.A., Muratov, V.I. , Storizhko, V.E.	Study of optical emission from quartz bombarded with light ions (1993) Physics, chemistry and mechanics of surfaces, 8 (5), pp. 679-684.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027881582&partnerID=40&md5=176d86237ebb676b77aa05da6e13549
127.	Poyda, A.V., Pojda, V.P. , Bryukhovetsky, V.V., Milaya, D.E., Sukhov, R.V.	Partial melting and mechanisms of formation and development of fibrous structures during superplastic deformation alloy 6111 (2016) Problems of Atomic Science and Technology, 102 (2), pp. 107-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964270178&partnerID=40&md5=134db3749012a63c33981fb69da58f14
	Bryukhovetsky, V.V., Poyda, A.V., Pojda, V.P. , Pedun, D.E.	Regularities of cavity development in aluminum alloys in conditions of high-temperature superplasticity (2014) Problems of Atomic Science and Technology, 90 (2), pp. 47-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898864424&partnerID=40&md5=3ad9fd433b49365c83f8ac56a785fb51
	Pojda, V.P. , Mila, D.E., Poyda, A.V., Bryukhovetsky, V.V., Sukhov, R.V.	The influence of magnesium on phase transformations and structural changes performed during superplastic deformation of the alloy 01420T (2014) Problems of Atomic Science and Technology, 92 (4), pp. 139-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906078619&partnerID=40&md5=3714a344cd849d7c502033063673a6e2
	Pedun, D.E., Pojda, V.P. , Bryukhovetsky, V.V., Poyda, A.V., Sukhov, R.V.	Partial melting and high-temperature structural superplasticity of alloy AMg2M (2013) Problems of Atomic Science and Technology, 87 (5), pp. 147-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885830265&partnerID=40&md5=6cdec2680a81b6ff56a6150afad436e3
	Pedun, D.E., Pojda, V.P. , Bryukhovetsky, V.V., Poyda, A.V., Kryshchal, O.P., Sukhova, T.F., Sam-Sonik, O.L., Lytvynenko, V.V., Spiridonov, E.A.	Structural changes during superplastic deformation of AMg2M and 1933 aluminum alloys (2012) Metallofizika i Noveishie Tekhnologii, 34 (10), pp. 1397-1410.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872310667&partnerID=40&md5=e8dc1f05116ecb88dd7a45bd251e9188
	Bryukhovetsky, V.V., Pojda, V.P. , Poyda, A.V., Klepikov, V.F., Pedun, D.E., Kolomak, Y.V.	The influence of radiation factors on development of deformation processes in superplastic conditions (2012) Problems of Atomic Science and Technology, (5), pp. 3-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867778427&partnerID=40&md5=3b9e00c90608a8d57b4884312b6ce6d9
	Pojda, A.V., Pojda, V.P. , Bryukhovetsky, V.V., Kolomak, Yu.V., Pedun, D.E., Lytvynenko, V.V., Uvarov, V.T., Ponomarev, A.G., Ali Mahmud, K.	Influence of a pulsed electron irradiation on formation of ultrafine-grained structure and parameters of superplastic flow of 1201, AMr-6 and 6111 aluminum alloys (2011) Metallofizika i Noveishie Tekhnologii, 33 (SPEC. ISS.), pp. 461-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860853307&partnerID=40&md5=72c030be425f322336e4cf4ae575fb1
	Bryukhovetskii, V.V., Poida, A.V., Pojda, V.P. , Kolomak, Y.P.	Thickness of grain-boundary liquid phase and its effect on the mechanism of superplastic deformation (2011) Physics of Metals and Metallography, 112 (5), pp. 526-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855866547&doi=10.1134%2FIS0031918X11030173&partnerID=40&md5=a33bec3994ca4f58fb1c798e77139b0d
	Bryukhovetsky, V.V., Poyda, A.V., Pojda, V.P. , Klepikov, V.F., Kolomak, Y.V.	The optimum amount of liquid phase and the model of grain boundary sliding in conditions of high-temperature superplasticity (2011) Problems of Atomic Science and Technology, (4), pp. 78-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052008475&partnerID=40&md5=6e5ed3b04dba0e364fc6dc9e698bc2e4d
	Bryukhovetskii, V.V., Pojda, V.P. , Poyda, A.V., Kuznetsova, R.I., Mahmoud, K.A., Pedun, D.E.	Phase transformations and structural changes in the course of the high-temperature superplastic deformation of aluminum alloys (2010) Physics of Metals and Metallography, 110 (6), pp. 588-596.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885829002&doi=10.1134%2FIS0031918X10120100&partnerID=40&md5=26e33137969d9d58b68ffcf9ca9b27
	Bryukhovetsky, V.V., Pojda, V.P. , Poyda, A.V., Avramets, D.R., Kuznetsova, R.I., Kryshchal, O.P., Samsonnik, O.L., Mahmud, K.A.	Mechanical properties and structural changes during superplastic deformation of 6111 aluminum Alloy (2009) Metallofizika i Noveishie Tekhnologii, 31 (9), pp. 1289-1302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76749162312&partnerID=40&md5=085930355a99e9a7c0ba9299aad20d92
	Pojda, V.P. , Poyda, A.V., Bryukhovetsky, V.V., Kuznetsova, R.I., Kryshchal, O.P., Portash, Yu.Yu.	Manifestation of superplasticity by AK4-1p alloy under high homologous temperatures (2009) Metallofizika i Noveishie Tekhnologii, 31 (10), pp. 1385-1398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76849103530&partnerID=40&md5=88b76c7646d13b9b0ade04b8298f69e8
	Poyda, A.V., Pojda, V.P. , Bruhosetskiy, V.V., Kuznetsova, R.I.	The mechanism of fibrous formations development during high-temperature superplastic deformation of constructional aluminum alloys (2008) Metallofizika i Noveishie Tekhnologii, 30 (SPEC. ISS.), pp. 301-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63749132136&partnerID=40&md5=626124a659609489c486bca595a29595
	Bryukhovetsky, V.V., Pojda, A.V. , Kuznetsova, R.I., Pojda, V.P.	Character of development of porous structure in a course of high-temperature superplastic deformation (2007) Metallofizika i Noveishie Tekhnologii, 29 (12), pp. 1647-1658.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41449098321&partnerID=40&md5=b627514d1fb01bf562206a0afa9d207f
	Pojda, V.P. , Bryukhovetskii, V.V., Poida, A.V., Kuznetsova, R.I., Klepikov, V.F., Voronov, D.L.	Morphology and mechanisms of the formation of fiber structures upon high-temperature superplastic deformation of aluminum alloys (2007) Physics of Metals and Metallography, 103 (4), pp. 414-423.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248530685&doi=10.1134%2FIS0031918X07040151&partnerID=40&md5=b154275117355a6fca20f92dae93ab92
	Bryukhovetskij, V.V., Kuznetsov, R.I., Pojda, V.P.	Pore development and grain boundary migration under conditions of high-temperature superplastic deformation (SPD) of Al-4% Cu and Al-2% Cu alloys (2003) Fizika Metallov i Metallovedenie, 96 (2), pp. 106-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142053974&partnerID=40&md5=598233d00496c112604b3e23d6706d1c
	Bryukhovetskii, V.V., Kuznetsova, R.I., Pojda, V.P.	Pore Development and Migration of Grain Boundaries upon High-Temperature Superplastic Deformation in Al-4% Cu and Al-2% Cu Alloys (2003) Physics of Metals and Metallography, 96 (2), pp. 220-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141887262&partnerID=40&md5=1244c73ede5953ed9ec6db7177c89803
	Pojda, V.P. , Bryukhovets'ky, V.V., Kuznetsova, R.I., Pojda, A.V. , Klepikov, V.F.	Formation and Development of the Fibre Structures during Superplastic Deformation of Matrix Aluminium Alloys (2003) Metallofizika i Noveishie Tekhnologii, 25 (1), pp. 117-132+IV.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346958190&partnerID=40&md5=0f7d504e409a9538e9760ee338fca667
	Bryukhovetskij, V.V., Pojda, V.P. , Kuznetsova, R.I., Klepikov, V.F., Pojda, A.V.	Superplastic properties of aluminum-lithium alloy 1421 at high homological temperatures (2002) Fizika Metallov i Metallovedenie, 94 (5), pp. 105-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036914947&partnerID=40&md5=6c74f5a8791b3468d117eb15f2fa32de
	Bryukhovetskii, V.V., Pojda, V.P. , Kuznetsova, R.I., Klepikov, V.F., Poida, A.V.	Superplastic properties of aluminum-lithium alloy 1421 at high homological temperatures (2002) Physics of Metals and Metallography, 94 (5), pp. 520-526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036881968&partnerID=40&md5=54f621a3d069cf0e464ee9ff6b452517
	Bryukhovetskij, V.V., Litvinenko, V.V., Klepikov, V.F., Kuznetsova, R.I., Pojda, V.P. , Kivshik, V.F., Uvarov, V.T.	Effect of the pulsed electron irradiation on superplasticity properties of duraluminum (2002) Fizika i Khimiya Obrabotki Materialov, (4), pp. 33-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036415627&partnerID=40&md5=f92ad14df910397ad5b0f0779238b77
	Bryukhovets'ky, V.V., Kuznetsova, R.I., Andronov, V.M., Pojda, V.P. , Telegin, A.A.	The high-temperature superplasticity of aluminum-based matrix alloys (2001) Metal Physics and Advanced Technologies, 19 (5), pp. 755-764.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035760495&partnerID=40&md5=1a43959ef2ddb2fabfee133bb752e1bb
	Pojda, V.P. , Kuznetsova, R.I., Bryukhovets'ky, V.V., Sukhova, T.F., Tsenev, N.K.	Structural superplasticity, development of a cavitation, and failure of constructional aluminum-lithium alloy 1450 (2001) Metal Physics and Advanced Technologies, 19 (6), pp. 795-804.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035765818&partnerID=40&md5=8923b267f16cf4a20c3952935057b4d2
	Pojda, V.P. , Bryukhovetsky, V.V., Kuznetsova, R.I., Sukhova, T.F., Tsenev, N.K.	Structure superplasticity of the 1423 alloy under creep conditions (1996) Metallofizika i Noveishie Tekhnologii, 18 (12), pp. 49-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002442371&partnerID=40&md5=21b9abe90d8a4a82bd3727d1a5515d6b
128.	Lazurik, V.M., Lazurik, V.T., Popov, G. , Zimek, Z.	Two-parametric model of electron beam in computational dosimetry for radiation processing (2016) Radiation Physics and Chemistry, 124, pp. 230-234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950147377&doi=10.1016%2Fj.radphyschem.2015.12.004&partnerID=40&md5=2afda6f3dcdee2ef886df8d57ecc95fcd
	Lazurik, V.T., Lazurik, V.M., Popov, G.F. , Rogov, Y.V., Sarukhanian, G.E., Vereshchaka, V.V.	Impact of energy spread of electron beam on absorbed dose distribution (2013) Problems of Atomic Science and Technology, (4), pp. 308-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881570866&partnerID=40&md5=3df25ae61aaa531c0896b550d9012d34
	Lazurik, V.T., Lazurik, V.M., Popov, G. , Rogov, Y., Sarukhanian, G.	Comparison of product irradiation technology on industrial X-ray radiation facility (2012) Problems of Atomic Science and Technology, (4), pp. 216-220.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865507481&partnerID=40&md5=7e2632f8f15239de8e753d96aeddb834
	Kaluska, I., Lazurik, V.T., Lazurik, V.M., Popov, G.F. , Rogov, Y.V., Zimek, Z.	Influence of boundary effects on electron beam dose distribution formation in multilayer targets (2010) Nukleonika, 55 (3), pp. 363-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960863179&partnerID=40&md5=c1153b0a7e4f9bfaee853cd2642cdf1

	Lazurik, V.T., Lazurik, V.M., Popov, G.F. , Rogov, Y.V.	Integration of computation methods in dosimetry of radiation processing (2008) Problems of Atomic Science and Technology, (3), pp. 201-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549239553&partnerID=40&md5=7a661848c46791e63f6276141d1b589
	Lazurik, V.T., Pismenesky, S.A., Popov, G.F. , Rudychev, D.V., Rudychev, V.G.	An increase of utilization efficiency of X-ray beam (2007) Radiation Physics and Chemistry, 76 (11-12), pp. 1787-1791.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548588174&doi=10.1016%2fj.radphyschem.2007.03.019&partnerID=40&md5=ac97c167600e6030ef2aa547ac421029
	Kaluska, I., Lazurik, V.T., Lazurik, V.M., Popov, G. , Rogov, Yu., Zimek, Z.	The features of electron dose distributions in circular objects: Comparison of Monte Carlo calculation predictions with dosimetry (2007) Radiation Physics and Chemistry, 76 (11-12), pp. 1815-1819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548561497&doi=10.1016%2fj.radphyschem.2007.03.018&partnerID=40&md5=488f731183094810211ce693954ba22
	Lazurik, V.T., Lazurik, V.M., Popov, G.F. , Rogov, Yu.V.	The software ModeRTL for simulation of radiation processes in electron beam technologies (2005) Institute of Physics Conference Series, 175, pp. 161-169.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644548345&partnerID=40&md5=92752eebf2d0324b6c1a304ef6aef3
	Lazurik, V.T., Lazurik, V.M., Popov, G.F. , Rogov, Yu.V.	Simulation tool for scanning X-ray beams irradiator (2003) Proceedings of the IEEE Particle Accelerator Conference, 3, pp. 1616-1618.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4143110218&partnerID=40&md5=40dd7d55a9151666676d656fd93bbb30
	Kalinichenko, A.I., Lazurik, V.T., Popov, G.F. , Tovstiyak, V.V.	Radiation-acoustic monitoring of therapeutic beam (2003) Proceedings of the IEEE Particle Accelerator Conference, 2, pp. 1080-1082.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4143105840&partnerID=40&md5=ce335b9149505d28b6712799b510f8c1
	Popov, G. , Avilov, A., Deruga, V., Popova, N., Rudychev, V.	Radiation processing of composites for orthopaedic implants (2003) Proceedings of the IEEE Particle Accelerator Conference, 3, pp. 1619-1621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4143125551&partnerID=40&md5=1dd5565518f6b04e4c715ae70c01920
	Lazurik, V.T., Lazurik, V.M., Popov, G.F. , Rogov, Yu.V.	Integration of simulation methods in control system for EB processing (2003) 2003 International Conference Physics and Control, PhysCon 2003 - Proceedings, 3, статья № 1237042, pp. 1003-1008.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945425262&doi=10.1109%2fPHYCON.2003.1237042&partnerID=40&md5=056ad6e15c9f8207c038ab27616df15f
	Kalinichenko, A.I., Popov, G.F.	Non-disturbing thermoacoustic dosimetry of electron and bremsstrahlung beams (2002) Radiation Physics and Chemistry, 63 (3-6), pp. 755-758.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036118637&doi=10.1016%2fS0969-806X%2801%2900608-9&partnerID=40&md5=be31400c6325d0e3cb088a92f266403c
	Pismenesky, S., Popov, G. , Rudychev, V.	Reproduction of a given particle distribution by means of scanner (2002) Radiation Physics and Chemistry, 63 (3-6), pp. 601-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036118580&doi=10.1016%2fS0969-806X%2801%2900652-1&partnerID=40&md5=d465c431063ebf158ba12bc4dc79a31
	Lisitsky, A., Pismenesky, S., Popov, G. , Rudychev, V.	Quality improvement of irradiating technique (2002) Radiation Physics and Chemistry, 63 (3-6), pp. 591-594.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036120768&doi=10.1016%2fS0969-806X%2801%2900651-X&partnerID=40&md5=cda2039993136c880aa2e3c21710d676
	Deruyga, V., Kalinichenko, A., Kresnin, Yu., Popov, G.	Non-destructive radiation testing of physical and mechanical properties of solids (1999) Proceedings of the IEEE Particle Accelerator Conference, 4, pp. 2546-2548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033332085&partnerID=40&md5=35397f83c2bc51aaa5d515864af53e5f
	Avilov, A., Deruyga, V., Popov, G. , Rudychev, V., Zalyubovskiy, I.	Non-waste and resource-saving radiation process of polymer modified wood production (1999) Proceedings of the IEEE Particle Accelerator Conference, 4, pp. 2549-2551.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033315067&partnerID=40&md5=7f405d72fe318231518639e0619d0477
	Kalinichenko, A.I., Kresnin, Yu.A., Popov, G.F.	Thermoacoustic dosimetry of electron beam in extra field (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 2, pp. 923-926.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030349865&partnerID=40&md5=527390cb0c33a5d05da8ae6b4d566260
	Kalinichenko, A.I., Popov, G.F. , Deryuga, V.A., Ponomarev, A.G., Uvarov, V.V.	Nonlinear acoustic effect of high-current electron beam at radiation rebuilding of metal target (1996) IEEE Nuclear Science Symposium & Medical Imaging Conference, 2, pp. 927-929.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030348547&partnerID=40&md5=4c92b9417b5c2b16443c5aa354b6ad39
	Kresnin, Yu.A., Popov, G.F. , Rudychev, D.V., Stervoodov, N.G.	Automatized radiation-acoustic analyzer (1994) Priboiry i Tekhnika Eksperimenta, (5), pp. 95-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028505812&partnerID=40&md5=5f59f684c6256dfdafeeee381c1dae650
	Volovik, V.D., Kalinichenko, A.I., Lazurik, V.T., Popov, G.F.	The acoustic detection of high-energy particles in water (1979) Physics Letters A, 70 (5-6), pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49249143609&doi=10.1016%2f0375-9601%2879%2990377-3&partnerID=40&md5=95858aa37ad10b2df73e8ef0086792aa
	Volovik, V.D., Popov, G.F.	Acoustic peak of protons in liquids (1977) Soviet Physics Journal, 20 (8), pp. 1056-1059.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3425028868&doi=10.1007%2fBF00892835&partnerID=40&md5=b6ae6cbbd6575936be598c1ee7eb436e5
	Volovik, V.D., Popov, G.F.	Passage of pulsed beams of charged particles through condensed explosives (1977) Combustion, Explosion, and Shock Waves, 13 (4), pp. 534-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017515619&doi=10.1007%2fBF00744805&partnerID=40&md5=f14ce4b4bd405a6c6c402edc939691d4
	Volovik, V.D., Kobizskoi, V.I., Petrenko, V.V., Popov, G.F. , Fursov, G.L.	Fluorescence of air under the action of relativistic electrons (1973) Soviet Atomic Energy, 34 (2), pp. 170-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015583518&doi=10.1007%2fBF01163944&partnerID=40&md5=4ec7d28f59854e2bf3848ca558a828fb
129.	Penkin, Yu.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Energy characteristics of a T-Shaped Waveguide junction with a dielectric insert (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724154, pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8500078835&doi=10.1109%2fUWBUSIS.2016.7724154&partnerID=40&md5=32788b25f60310df359647fdb797cd8a
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Yu.M., Pshenichnaya, S.V.	Yagi-Uda antennas with impedance wires (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, статья № 7544035, pp. 403-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984976216&doi=10.1109%2fMMET.2016.7544035&partnerID=40&md5=5597096d849417ada7f6405ac08acee9
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M., Pshenichnaya, S.V.	Clavin element with impedance monopoles (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, статья № 7324253, pp. 61-65.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959218831&doi=10.1109%2fDIPED.2015.7324253&partnerID=40&md5=c135a267f8d9e97106ebc907b7271ea6
	Dumin, O.M., Plakhtii, V.A., Volvach, I.S., Pshenichnaya, S.V. , Dumina, O.O.	Near field of Hertzian dipole excited by impulse current (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136790, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939431744&doi=10.1109%2fICATT.2015.7136790&partnerID=40&md5=0634b0789fa6e97d190c36929c74664a
	Berdnik, S.L., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Pshenichnaya, S.V.	Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere (2013) Progress In Electromagnetics Research M, 34, pp. 89-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891046231&partnerID=40&md5=94a4fc0ccadd84f7255a2e191f85e9b1
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Pshenichnaya, S.V. , Sharapov, D.S.	Multiresonator microstrip antenna with radiators of complex shape (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652981, pp. 618-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891140335&partnerID=40&md5=23db619e236779314c9f2ba6bacec053
	Berdnik, S.L., Penkin, Yu.M., Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Resonant slot spherical antenna (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652977, pp. 610-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891067479&partnerID=40&md5=e01a4e8b1db40158871cd08d01fbf965
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide (2013) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, статья № 6653827, pp. 45-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891617203&partnerID=40&md5=e97596b271475dfff9adda7056fd9432
	Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V. , Saprykin, I.I.	Dual-band circular-disk microstrip antenna (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379766, pp. 161-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872247849&doi=10.1109%2fUWBUSIS.2012.6379766&partnerID=40&md5=9452fe23ea00da3aa79e6b6ae666293

	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, D.Y., Pshenichnaya, S.V.	Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379777, pp. 195-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872244934&doi=10.1109%2FUWBUSIS.2012.6379777&partnerID=40&md5=abf3124b662281ccd83702e758712cd6
	Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V. , Saprykin, I.I.	The characteristics of disk radiator with slot discontinuity (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336047, pp. 437-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869749115&partnerID=40&md5=a1c33ed35e44bf7b9fab74af1811997b
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Multimode excitation of waveguide-slot leaky-wave radiator (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336062, pp. 483-484.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869744650&partnerID=40&md5=d259b4326f0debe022f6b1086f2618e
	Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V. , Saprykin, I.I.	The electrodynamic characteristics of a transversal slot radiator based on an inverted strip dielectric waveguide (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069063, pp. 579-580.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142457&partnerID=40&md5=ec54ca2fe29caecde5fe1438d07af36
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Pshenichnaya, S.V.	The radiator of K u -band based on inverted dielectric waveguide (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609135, pp. 215-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650137536&doi=10.1109%2FUWBUSIS.2010.5609135&partnerID=40&md5=5db28f887b0cb48e75730aee6c33313
	Nesterenko, M.V., Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Pshenichnaya, S.V.	Electromagnetic waves radiation by thin vibrators with asymmetrical surface impedance (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609138, pp. 212-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650082400&doi=10.1109%2FUWBUSIS.2010.5609138&partnerID=40&md5=54e332e2d7387d5f7877e0e4d0d62330
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Near-zone em field of combined slotted waveguide radiators in a material medium (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (16), pp. 1491-1497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951654969&doi=10.1615%2FTelecomRadEng.v69.i16.90&partnerID=40&md5=031a8cbe8482630e69e6c98b9b3fec7
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Pshenichnaya, S.V.	Near fields of combined waveguide-slot radiators in matter (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5293053, pp. 442-443.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949120974&partnerID=40&md5=ac1d583e9edd65600d4048559285d40
	Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Sukhov, V.N., Pshenichnaya, S.V.	Inverted strip dielectric guide with metal plane (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5293017, pp. 515-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949112936&partnerID=40&md5=f9535227d1e11f8432b542306c9c598c
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V. , Saprykin, I.I.	Radiating system on the basis of ring hybrid metal-dielectric structure (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, статья № 4368605, pp. 429-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149089791&doi=10.1109%2FICRIMICO.2007.4368605&partnerID=40&md5=c7f95842c819fedac5f8601704ccdd9
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V. , Saprykin, I.I.	The mechanism of collinear longitudinal slot and microstrip eigenwaves interaction (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 4099265, pp. 214-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249087219&doi=10.1109%2FUWBUSIS.2006.307207&partnerID=40&md5=137ff21c9f693428a8058836fe2c1a
	Katrich, V.A., Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V. , Saprykin, I.I., Shaulov, E.A.	The radiating characteristics of multi-element hybrid metal-dielectric structure (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, статья № 4023352, pp. 477-478.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249088776&doi=10.1109%2FICRIMICO.2006.256070&partnerID=40&md5=d7be80b829b87197de58b9fa4b051da4
	Katrich, V.A., Martynenko, S.A., Pshenichnaya, S.V.	Slotted-guide array with inclined slots in a narrow wall of a rectangular waveguide (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, статья № 1256560, pp. 406-407.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945121344&doi=10.1109%2FICRIMICO.2003.158875&partnerID=40&md5=205264b2a2d72a04d5e83af4e898464
	Katrich, V.A., Martynenko, S.A., Pshenichnaya, S.V.	Leaky-wave antenna with inclined slots in a waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, статья № 1239205, pp. 276-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946132108&doi=10.1109%2FICATT.2003.1239205&partnerID=40&md5=ccd4581d9884c1c3cd638802676194c6
	Katrich, V.A., Martynenko, S.A., Pshenichnaya, S.V. , Yatsuk, L.P.	Power performance of an inclined slots system in a narrow wall of a rectangular waveguide (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, статья № 1137270, pp. 355-356.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968756492&doi=10.1109%2FICRIMICO.2002.1137270&partnerID=40&md5=ed788bd366ecc78308c846f2f7c37aa4
130.	Afanasieva, I.A., Bobkov, V.V., Gritsyna, V.V., Oksenyuk, I.I., Shevchenko, D.I.	Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions (2017) Journal of Surface Investigation, 11 (1), pp. 146-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015392126&doi=10.1134%2FIS1027451017010037&partnerID=40&md5=564da2dad9b8e66acfa84b8d654b87f0
	Litvinov, V.A., Okseniuk, I.I., Shevchenko, D.I. , Koppe, V.T., Bobkov, V.V., Chornous, V.M.	Sims study of the surface of TiFe hydride forming alloy (2017) Ukrainian Journal of Physics, 62 (3), pp. 195-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019162992&doi=10.15407%2Fujp62.03.0195&partnerID=40&md5=c6721bf427dd6503ebff727c3d4744ec
	Bobkov, V.V., Gritsyna, V.V., Gritsyna, V.T., Afanasieva, I.A., Shevchenko, D.I.	Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment (2016) Journal of Surface Investigation, 10 (6), pp. 1239-1265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002496900&doi=10.1134%2FIS1027451016050694&partnerID=40&md5=1b1ff1bc8204b847e46ab9c952032583
	Afanas'eva, I.A., Bobkov, V.V., Gritsyna, V.V., Okseniuk, I.I., Shevchenko, D.I. , Zelenina, I.S.	On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet (2016) Vacuum, 129, pp. 148-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961938164&doi=10.1016%2Fj.vacuum.2016.03.014&partnerID=40&md5=f1d2f862d2db29b11a247ca5902464e0
	Okseniuk, I.I., Litvinov, V.A., Koppe, V.T., Shevchenko, D.I. , Bobkov, V.V.	The study of surface of alloys for hydrogen storage by SIMS (2015) YSF 2015 - International Young Scientists Forum on Applied Physics, статья № 7333250, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962507339&doi=10.1109%2FYSF.2015.7333250&partnerID=40&md5=3c4bb45798eb5c92b0a5ea1389c21d54
	Gaubas, E., Ceponis, T., Jasiunas, A., Pavlov, J., Tekorius, A., Shevchenko, D. , Katrunov, K., Kovalevskij, V., Remeikis, V., Galkin, S., Tamulaitis, G.	In situ variations of proton-induced luminescence in ZnSe crystals (2014) Journal of Physics D: Applied Physics, 47 (26), статья № 265102, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902436861&doi=10.1088%2F0022-3727%2F47%2F26%2F265102&partnerID=40&md5=d1dccc5ac515a8cd6b695b153b4c8db9
	Shevchenko, D. , Mickevičius, J., Starzhinskiy, N., Zenya, I., Zhukov, A., Tamulaitis, G.	Luminescence in ZnSe scintillation crystals co-doped with oxygen and aluminum (2014) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 749, pp. 14-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896505911&doi=10.1016%2Fj.nima.2014.02.048&partnerID=40&md5=383919278510ccc0c5583b3f76cf9624
	Litvinov, V.A., Koppe, V.T., Shevchenko, D.I. , Okseniuk, I.I., Bobkov, V.V.	SIMS investigation of the processes of gas release from zirconium-based getter alloy (2014) Bulletin of the Russian Academy of Sciences: Physics, 78 (6), pp. 526-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905577539&doi=10.3103%2FIS1062873814060173&partnerID=40&md5=e57cce1cc6a897fbbf99ba7a5930be2e
	Azarenkov, N.A., Afanas'Eva, I.A., Bobkov, V.V., Gritsyna, V.V., Gritsyna, V.T., Peretyatko, A.A., Ryzhov, D.A., Shevchenko, D.I.	Ion-photon emission under ion bombardment of garnet structures of different composition (2014) Vacuum, 105, pp. 91-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899929473&doi=10.1016%2Fj.vacuum.2013.10.022&partnerID=40&md5=14224d77305b49667dd5b035e4dcf056f
	Afanas'eva, I.A., Bobkov, V.V., Gritsyna, V.V., Ryzhov, D.A., Shevchenko, D.I.	Effect of modification sapphire surface under ion irradiation on the excited particles yield (2013) Problems of Atomic Science and Technology, 87 (5), pp. 33-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885820585&partnerID=40&md5=417e50a3967d2cda402b4b420f827cd
	Shevchenko, D., Gavryushin, V., Mickevičius, J., Starzhinskiy, N., Zenya, I., Zhukov, A., Tamulaitis, G.	Emission properties of ZnSe scintillation crystals co-doped by oxygen and aluminum (2013) Journal of Luminescence, 143, pp. 473-478.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879558368&doi=10.1016%2Fj.jlumin.2013.05.031&partnerID=40&md5=769d8556e2c5e89a4357f4ae2c8eaeceb
	Afanas'eva, I.A., Bobkov, V.V., Gritsyna, V.V., Kozhevina, L.A., Shevchenko, D.I.	Ion-photon emission of metal-containing organic dyes (2012) Journal of Surface Investigation, 6 (4), pp. 664-667.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865480287&doi=10.1134%2FIS1027451012080058&partnerID=40&md5=71f53be4ad9821dd0002c55097697581

	Bobkov, V.V., Afanas'eva, I.A., Gritsyna, V.V., Gritsyna, V.T., Ryzhov, D.A., Shevchenko, D.I.	Characteristic features of ion-photon emission from yttrium-iron garnets (2012) Vacuum, 86 (10), pp. 1624-1629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861618072&doi=10.1016%2Fj.vacuum.2011.12.011&partnerID=40&md5=2ab9038d58c43d9efd517de7199b6e1
	Afanas'eva, I.A., Bobkov, V.V., Gritsyna, V.V., Shevchenko, D.I.	Investigation of organic systems by ion-photon spectroscopy (2011) Quantum Electronics, 41 (6), pp. 564-567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960190377&doi=10.1070%2FQE2011v041n06ABEH014643&partnerID=40&md5=fd7453ac15dcbcd1c3589f6842240fa9
	Alimov, S.S., Afanas'eva, I.A., Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Shevchenko, D.I.	Ion-photon spectrometry study of the organic dye-lipid system (2011) Ukrainian Journal of Physics, 56 (3), pp. 211-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953671197&partnerID=40&md5=8650491ba628e0eb748103841f88f70f
	Afanas'eva, I.A., Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Sukhostavets, O.V., Shevchenko, D.I.	Effect of phase on the formation of excited particles under ion bombardment of Fe-Co alloys (2010) Vacuum, 84 (8), pp. 1011-1013.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649236838&doi=10.1016%2Fj.vacuum.2009.12.011&partnerID=40&md5=a10b85de7307d917dc9149b671d7eb6b
	Afanas'eva, I.A., Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Shevchenko, D.I.	Formation of excited particles under ion bombardment of organic dyes (2010) Ukrainian Journal of Physics, 55 (2), pp. 181-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649293801&partnerID=40&md5=477541c10d6b74591114fa399ee9f225
	Vitta, P., Tamulaitis, G., Shevchenko, D., Žukauskas, A., Starzhinskiy, N., Katrunov, K., Ryzhikov, V.	Luminescence study of ZnSe based scintillators in frequency domain (2008) Lithuanian Journal of Physics, 48 (3), pp. 243-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649296901&doi=10.3952%2Fliithjphys.48312&partnerID=40&md5=c92e5396177c21e1c3ba27c9671aa84
	Gritsyna, V.T., Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Shevchenko, D.I.	Effects of argon-ion bombardment on the properties of the surface layer in spinel crystals of different composition (2008) Vacuum, 82 (9), pp. 888-894.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41949122048&doi=10.1016%2Fj.vacuum.2007.12.002&partnerID=40&md5=ae53bc66bde6dc028ef793269c38a597
	Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Gritsyna, V.T., Shevchenko, D.I. , Alimov, S.S.	Mechanisms of formation of sputtered particles in excited states at Ar ⁺ ion bombardment of oxide targets (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 501-505.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947108301&doi=10.1016%2Fj.nimb.2006.12.049&partnerID=40&md5=12a7fd2652ce522fcd31a1c72d6c997
	Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Gritsyna, V.T., Shevchenko, D.I.	Effect of oxide band structure on the emission process of excited atoms under ion bombardment (2004) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 218 (1-4), pp. 46-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342634496&doi=10.1016%2Fj.nimb.2003.12.013&partnerID=40&md5=b91e908690bc3d0cabed4a497566290
	Gritsyna, V.V., Koval, A.G., Gokov, S.P., Shevchenko, D.I.	Spectroscopy of excited particles sputtered by ion bombardment of Zn, Cd, and chemical compounds of these metals (2004) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 96 (3), pp. 398-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442558391&doi=10.1134%2F1.1690032&partnerID=40&md5=b030e5ac946f0db8f15215439c2a9b05
	Gokov, S.P., Gritsyna, V.V., Koval, A.G., Kovtunen, Yu.I., Shevchenko, D.I.	Computer modeling of the spatial distribution of optical radiation arising from knocked-out excited particles (2004) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (5), pp. 52-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942679816&partnerID=40&md5=efb8266d92859943041d7ef2b7caa377
	Shevchenko, D.I. , Gokov, S.P., Slusarenko, T.M., Gritsyna, V.V., Koval, A.G.	Investigation of ion-photon emission of different concentration Cu-Ni alloys (2002) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 66 (1), pp. 112-117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749087259&partnerID=40&md5=d5e53fdebd5a595f63137d1447f6f6056f
131.	Moroz, L.V., Starukhina, L.V. , Rout, S.S., Sasaki, S., Helbert, J., Baithier, D., Bischoff, A., Hiesinger, H.	Space weathering of silicate regoliths with various FeO contents: New insights from laser irradiation experiments and theoretical spectral simulations (2014) Icarus, 235, pp. 187-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940284717&doi=10.1016%2Fj.icarus.2014.03.021&partnerID=40&md5=4f39b3fce42c646c55aacbd3c5839eae6
	Starukhina, L.	Water on the moon: What is derived from the observations? (2012) Moon: Prospective Energy and Material Resources, 9783642279690, pp. 57-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949178296&doi=10.1007%2F978-3-642-27969-0_3&partnerID=40&md5=bfbcd67ed12802c994726c8478c6a48
	Shalygina, O.S., Korokhin, V.V., Starukhina, L.V. , Shalygin, E.V., Marchenko, G.P., Velikodsky, Yu.I., Starodubtseva, O.M., Akimov, L.A.	The north-south asymmetry of polarization of Jupiter: The causes of seasonal variations (2008) Solar System Research, 42 (1), pp. 8-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38849093189&doi=10.1007%2F11208-008-1002-3&partnerID=40&md5=4d9dcff11582e87fa65e30235a944a9c
	Shkuratov, Yu.G., Kaydash, V.G., Starukhina, L.V. , Pieters, C.M.	Lunar surface agglutinates: Mapping composition anomalies (2007) Solar System Research, 41 (3), pp. 177-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250875679&doi=10.1134%2FS003809460703001X&partnerID=40&md5=526619aaac0ccfd78b3a0c7973fb2
	Starukhina, L.V.	Polar regions of the moon as a potential repository of solar-wind-implanted gases (2006) Advances in Space Research, 37 (1), pp. 50-58.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33344473777&doi=10.1016%2Fj.asr.2005.04.033&partnerID=40&md5=158d46a75a88bfee0943d885a4a2eb8
	Shkuratov, Y.G., Kaydash, V.G., Stankevich, D.G., Starukhina, L.V. , Pinet, P.C., Chevrel, S.D., Daydou, Y.H.	Derivation of elemental abundance maps at intermediate resolution from optical interpolation of lunar prospector gamma-ray spectrometer data (2005) Planetary and Space Science, 53 (12), pp. 1287-1301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644498521&doi=10.1016%2Fj.pss.2005.07.001&partnerID=40&md5=1f8b9135736317b88b19722d94a46f74
	Moroz, L., Baratta, G., Strazzulla, G., Starukhina, L. , Dotto, E., Barucci, M.A., Arnold, G., Distefano, E.	Optical alteration of complex organics induced by ion irradiation: 1. Laboratory experiments suggest unusual space weathering trend (2004) Icarus, 170 (1), pp. 214-228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3142694755&doi=10.1016%2Fj.icarus.2004.02.003&partnerID=40&md5=78731433c0041970bb5911d3321ecb3e
	Starukhina, L.V. , Shkuratov, Y.G.	Swirls on the Moon and Mercury: Meteoroid swarm encounters as a formation mechanism (2004) Icarus, 167 (1), pp. 136-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642420517&doi=10.1016%2Fj.icarus.2003.08.022&partnerID=40&md5=8fd7193c91e92de3a78c25a9ab3a1773
	Moroz, L.V., Baratta, G., Distefano, E., Strazzulla, G., Starukhina, L.V. , Dotto, E., Barucci, M.A.	Ion irradiation of asphaltite: Optical effects and implications for Trans-Neptunian Objects and Centaurs (2003) Earth, Moon and Planets, 92 (1-4), pp. 279-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342994275&doi=10.1023%2FB%3aMOON.0000031945.07336.43&partnerID=40&md5=5b32b3766032c109584e56f5d8aada5
	Starukhina, L.V.	Computer Simulation of Sputtering of Lunar Regolith by Solar Wind Protons: Contribution to Change of Surface Composition and to Hydrogen Flux at the Lunar Poles (2003) Solar System Research, 37 (1), pp. 36-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037283144&doi=10.1023%2FA%3a1022347821862&partnerID=40&md5=21820bf583cddb1033aff87585cb46e8
	Starukhina, L.V.	3-μm light absorption by hydroxyl of solar wind origin and the prospects for water detection on asteroids with NIR spectroscopy (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 513-516.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664707&partnerID=40&md5=ad87215f7dbf911585b517477e6be493
	Starukhina, L.V. , Shkuratov, Y.U.G.	A theoretical model of lunar optical maturation: Effects of submicroscopic reduced iron and particle size variations (2001) Icarus, 152 (2), pp. 275-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000115377&doi=10.1006%2Ficar.2001.6624&partnerID=40&md5=5d0e1d658f1060c9f8175fc2b540fb92
	Starukhina, L.V.	On the origin of excess hydrogen at the Lunar poles (2000) Solar System Research, 34 (3), pp. 215-219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23044519614&partnerID=40&md5=20cfd544e1ab18738833424d0fabad6
	Starukhina, L.V.	Characteristics of the contact between regolith particles: Their influence on the physical properties of regoliths (2000) Solar System Research, 34 (4), pp. 295-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23044523095&partnerID=40&md5=236685a2eb68d95b1b0e7d9012993e36
	Starukhina, L.V.	Evaluation of albedo variations for atmosphereless cosmic bodies induced by solar flares (2000) Solar System Research, 34 (3), pp. 220-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844593510&partnerID=40&md5=837768cc433f51ea6843e3f7c6837b7e
	Starukhina, L.V. , Shkuratov, Y.G.	The Lunar Poles: Water Ice or Chemically Trapped Hydrogen? (2000) Icarus, 147 (2), pp. 585-587.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000498476&doi=10.1006%2Ficar.2000.6476&partnerID=40&md5=f00984c516b85c59fa9752e88541db98
	Starukhina, L.V.	Light absorption by radiation-induced hydroxyl ions and the problem of finding water on atmosphereless celestial bodies (1999) Solar System Research, 33 (4), pp. 291-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644470749&partnerID=40&md5=3f52bc0c15c0a630528914c9d3137d52
	Starukhina, L.V. , Shkuratov, Yu.G., Skorik, S.K.	Spread of condensation products in a regolith-like medium: Estimates and laboratory modeling (1999) Solar System Research, 33 (3), pp. 212-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644449986&partnerID=40&md5=5833470a50d1e9278ec7a43341f81278

	Shkuratov, Y.G., Starukhina, L.V. , Kaidash, V.G., Bondarenko, N.V.	3He distribution over the lunar visible hemisphere (1999) Solar System Research, 33 (5), pp. 409-420.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2284454075&partnerID=40&md5=2b3955ecda9475c3c236a35a3c0b9b
	Shkuratov, Y., Starukhina, L. , Hoffmann, H., Arnold, G.	A Model of Spectral Albedo of Particulate Surfaces: Implications for Optical Properties of the Moon (1999) Icarus, 137 (2), pp. 235-246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002330095&doi=10.1006%2ficar.1998.6035&partnerID=40&md5=1a8db9e09fd7f9a0ff883840ab1ac9b2
	Starukhina, L.V. , Shkuratov, Yu.G.	Surface Composition of Phobos (1997) Solar System Research, 31 (5), pp. 381-386.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644452426&partnerID=40&md5=66bf114c8e66de844279d527c11fc22b
	Starukhina, L.V. , Shkuratov, Yu.G.	A model for the spectral dependence of albedo for multicomponent regolith-like surfaces (1996) Solar System Research, 30 (4), pp. 258-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21444454867&partnerID=40&md5=5fb36503431e4c69b6d707b783c21c54
	Starukhina, L.V. , Shkuratov, Y.G.	A Model for Ion Bombardment-Induced Organic Synthesis on Carbon-Bearing Surfaces in Cosmic Space (1995) Icarus, 113 (2), pp. 442-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040269994&doi=10.1006%2ficar.1995.1033&partnerID=40&md5=abbad6d1e46388205a1e4859d0b8f700
	Shkuratov, Yu.G., Starukhina, L.V. , Kreslavsky, M.A., Opanasenko, N.V., Stankevich, D.G., Shevchenko, V.G.	Principle of Undulatory Invariance in Photometry of Atmosphereless Celestial Bodies (1994) Icarus, 109 (1), pp. 168-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007457754&doi=10.1006%2ficar.1994.1084&partnerID=40&md5=093e34b5aebdf0223ebfd6467c8a52e6
132.	Zhurenko, V., Kalantaryan, O., Kononenko, S., Mysiura, I., Barannik, E.	Influence of He+ long-time irradiation on silica luminescence spectrum (2017) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 407, pp. 5-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019961470&doi=10.1016%2fj.nimb.2017.05.038&partnerID=40&md5=00a1f933807682975ac16d78fad72b4
	Kalantaryan, O., Zhurenko, V., Kononenko, S., Barannik, E. , Kononenko, O.	Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment (2016) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 366, pp. 90-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945931344&doi=10.1016%2fj.nimb.2015.10.039&partnerID=40&md5=af8cbfcdd59539fd0f8bb0088afba9a8
	Skresanova, I.V., Kudinov, N.A., Barannik, E.A.	Characterization of blood-mimicking fluid flow turbulence with pulsed-wave Doppler ultrasound (2015) YSF 2015 - International Young Scientists Forum on Applied Physics, статья № 7333126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962538043&doi=10.1109%2fYSF.2015.7333126&partnerID=40&md5=7adefcd1cce6b735ead828cda3e5df15
	Barannik, E. , Kalantaryan, O., Zhurenko, V., Kononenko, S., Kononenko, O.	Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory (2015) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 362, pp. 182-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943427184&doi=10.1016%2fj.nimb.2015.09.080&partnerID=40&md5=12e9e8640562d3a00ca086f1173d0256
	Matchenko, O.S., Skresanova, I.V., Tolstoluzhskiy, D.A., Barannik, E.A.	Spectral characteristics of muscular contractions: Simulation and experiment (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 73 (7), pp. 639-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901019464&doi=10.1615%2fTelecomRadEng.v73.i7.60&partnerID=40&md5=c13674c96ae3a5b58e48e57ab9600a
	Barannik, E.A. , Kulibaba, A.A., Girnyk, S.A., Tolstoluzhskiy, D.A., Skresanova, I.V.	Displacement spectra under isometric muscle contraction spectral doppler study and theoretical models of ultrasound response and muscle contraction (2012) Journal of Ultrasound in Medicine, 31 (12), pp. 1959-1972.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871768071&partnerID=40&md5=7c9ec743cd1a2a8f08c3022221ad20c1
	Skresanova, I.V., Barannik, E.A.	Correlation functions and power spectra of Doppler response signals in ultrasonic medical applications (2012) Ultrasonics, 52 (5), pp. 676-684.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858440362&doi=10.1016%2fj.ultras.2012.01.014&partnerID=40&md5=2eb098f222837a2489e6c57bf1865626
	Girnyk, S.A., Barannik, A.E., Tovstjak, V.V., Tolstoluzhskiy, D.A., Barannik, E.A.	Ultrasound Doppler Monitoring of Soft Tissues In Vitro and Tissue Phantoms Heating and Thermal Destruction Induced by Acoustic Remote Palpation (2009) Ultrasound in Medicine and Biology, 35 (5), pp. 764-772.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349140635&doi=10.1016%2fj.ultrasmedbio.2008.11.008&partnerID=40&md5=87f8bccf0a3cc3fe7e1ed40be499f4aa
	Girnyk, S., Barannik, A., Barannik, E. , Tovstjak, V., Marusenko, A., Volokhov, V.	The estimation of elasticity and viscosity of soft tissues in vitro using the data of remote acoustic palpation (2006) Ultrasound in Medicine and Biology, 32 (2), pp. 211-219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-32044433330&doi=10.1016%2fj.ultrasmedbio.2005.11.015&partnerID=40&md5=480343ac587825ef73e758373828fce7
	Barannik, E.A. , Girnyk, S.A., Tovstjak, V.V., Marusenko, A.I., Volokhov, V.A., Sarvazyan, A.P., Emelianov, S.Y.	The influence of viscosity on the shear strain remotely induced by focused ultrasound in viscoelastic media (2004) Journal of the Acoustical Society of America, 115 (5 I), pp. 2358-2364.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2142766008&doi=10.1121%2fJ.1698796&partnerID=40&md5=a49c75ba116abb0330c085c5c084ab5
	Barannik, E.A. , Girnyk, A., Tovstjak, V., Marusenko, A.I., Emelianov, S.Y., Sarvazyan, A.P.	Doppler ultrasound detection of shear waves remotely induced in tissue phantoms and tissue in vitro (2002) Ultrasonics, 40 (1-8), pp. 849-852.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036557888&doi=10.1016%2fS0041-624X%2802%2900243-3&partnerID=40&md5=faf7f45ba6b9caf9304f555b90f935f
	Barannik, E.A.	Pulsed Doppler flow-line spectrum for focused transducers with apodized apertures (2001) Ultrasonics, 39 (4), pp. 311-317.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035354331&doi=10.1016%2fS0041-624X%2801%2900059-2&partnerID=40&md5=aeb65bf144ca3c0f592834f5b5bed94ac
	Barannik, E.A. , Volokhov, Yu.V., Marusenko, A.I.	Real-time nonlinear adaptive filtration of images obtained in a Ti628A ultrasonic echo-tomoscope (1997) Biomedical Engineering, 31 (5), pp. 246-249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031780112&partnerID=40&md5=3f79bcc34b4754dc15d7f8a447f4bda
	Barannik, E.A. , Volokhov, Yu.V., Marusenko, A.I.	Nonlinear real-time adaptive filtration of Ti628A ultrasound echotomoscope's images (1997) Meditsinskaya Tekhnika, (5), pp. 5-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031218827&partnerID=40&md5=003a03004ea6226de5b1a2714b8d47ad
	Barannik, E.A.	Optimum resolution of pulsed Doppler systems (1997) Acoustical Physics, 43 (4), pp. 387-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031491037&partnerID=40&md5=cfac19201c6da17332ad9b23704f8b5b
	Barannik, E.A.	Effect of focusing of ultrasonic waves on the variance of the Doppler spectrum (1994) Russian Ultrasonics, 24 (4), pp. 255-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028741650&partnerID=40&md5=dc8dbed992b3e4dda2f35a387d7a1acab
	Barannik, E.A.	The effect of ultrasound wave focusing on the mean-square width of the Doppler spectrum (1994) Akusticheskij Zhurnal, 40 (2), pp. 212-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028396974&partnerID=40&md5=0e1719255ce7a3b0728b81cbcb807f53
	Barannik, E.A.	Doppler signal spectrum width in pulsed radiation regime (1993) Akusticheskij Zhurnal, 39 (5), pp. 939-941.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027663332&partnerID=40&md5=f0287f6ca701703e1cc05901c8bf3c1c
	Barannik, E.A.	Dependence of spectral characteristics of doppler signal on geometry of ultrasound transducer (1992) Akusticheskij Zhurnal, 38 (5), pp. 798-805.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026913201&partnerID=40&md5=d2e6731b21ee4e1aca00f2dee72c13a1
	Barannik, E.A.	Influence of the diffraction phenomena and waves beam width on the Doppler power spectrum (1992) Akusticheskij Zhurnal, 38 (2), pp. 237-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026823065&partnerID=40&md5=fdb56ad997ef21d9f17dac7e0407a188
	Barannik, E.A. , Siniugin, A.V.	Effect of intramolecular energetic barriers on conformation-non-equilibrium states of protein globules in ensemble [Vlianie vnutrimolekuliarnykh energeticheskikh bar'ero v na konformatsionno-neravnovesnye sostoianie belkovykh globul v ansamble.] (1989) Biofizika, 34 (2), pp. 210-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024639046&partnerID=40&md5=72e143feced20bb71ca060abf835e82f
	Dreval', V.I., Finashin, A.V., Barannik, E.A.	Study of bromthymol blue binding with plasma membranes [Issledovanie svyazivaniya bromtimolovogo sinogo s plazmaticheskimi membranami.] (1989) Ukrainskii biokhimicheskii zhurnal, 61 (2), pp. 94-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024633910&partnerID=40&md5=fec5b6be86407c3ecf04b7ee9b422349
	Barannik, E.A. , Girnyk, S.A., Tovstjak, V.V.	Ultrasound stimulation of gramicidin incorporation into a bilayer lipid membrane (1988) Biofizika, 33 (2), pp. 364-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023853511&partnerID=40&md5=90f8c841036d8c402416dc5c9b2a8b0d
133.	Kuznetsov, K.A., Shckorbatov, Y.G., Kolchigin, N.N., Nikolov, O.T	Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724179, pp. 167-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000538758&doi=10.1109%2fUWBUSIS.2016.7724179&partnerID=40&md5=28d62456163147f4866f4667512c200

	Kuznetsov, K.A., Miroshnik, D.B., Shekhorbatov, Y.G., Nikolov, O.T. , Kolchigin, N.N.	Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538012, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984634&doi=10.1109%2fMSMW.2016.7538012&partnerID=40&md5=511f763b132dfbe29cac1ef28a930e20
	Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., Nikolov, O. , Roshal, A., Semenov, M., Gasan, A.	Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution (2015) Nanoscale Research Letters, 10 (1), 10 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928254148&doi=10.1186%2f11671-015-0860-0&partnerID=40&md5=27d9a6d54f94ab4f70ef48160cd6878e
	Volkova, N.A., Pavlovich, E.V., Gapon, A.A., Nikolov, O.T.	Effects of Millimeter-Wave Electromagnetic Exposure on the Morphology and Function of Human Cryopreserved Spermatozoa (2014) Bulletin of Experimental Biology and Medicine, 157 (5), pp. 574-576.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921938110&doi=10.1007%2f10517-014-2618-6&partnerID=40&md5=d17d93f40c5b8da9f2ab6da628333883
	Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T. , Gatash, S.V.	Dielectric permittivity of erythrocyte suspensions at 9.2 GHz (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959768, pp. 1077-1078.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915750386&doi=10.1109%2fCRMICO.2014.6959768&partnerID=40&md5=f390a62b537ecaba4e1d11fcd1a39b0
	Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T. , Adelyanov, A.V., Pastukhova, S.Y., Bondarenko, V.A.	The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension (2013) Materialwissenschaft und Werkstofftechnik, 44 (2-3), pp. 167-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875257858&doi=10.1002%2fmae.201300111&partnerID=40&md5=26162a3002f3229c631913fa454e09
	Rokhmistrov, D.V., Nikolov, O.T. , Gorobchenko, O.A., Loza, K.I.	Study of structure of calcium phosphate materials by means of electron spin resonance (2012) Applied Radiation and Isotopes, 70 (11), pp. 2621-2626.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8486557365&doi=10.1016%2fj.apradiso.2012.07.020&partnerID=40&md5=21e81a7144d1a435116603c6c6bca6
	Levchenko, A.N., Pritula, I.M., Tyutyunnik, V.B., Gavrik, A.P., Nikolov, O.T.	Gamma-ray-induced decrease of L-defect concentration in KDP single crystals (2011) Functional Materials, 18 (2), pp. 216-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051953181&partnerID=40&md5=2efd348f18c1005968d70be7d246b3f7
	Komar, V.K., Sulima, S.V., Chugai, O.N., Abashin, S.L., Nikolov, O.T. , Oleinik, S.V., Puzikov, V.M., Terzin, I.S., Yatsina, Y.A.	Effect of ionizing radiation in ultrasmall doses on dielectric properties of CdZnTe crystals with anomalously high polarizability (2011) Technical Physics Letters, 37 (7), pp. 589-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961179080&doi=10.1134%2f106378501107008X&partnerID=40&md5=0a42a58f62fd5c7935c5e6f613244bc6
	Gorobchenko, O.A., Gerodes, A.G., Nardid, O.A., Nikolov, O.T.	Dielectric properties of human ovary follicular fluid at 9.2GHz (2010) Bioelectrochemistry, 79 (2), pp. 193-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955277909&doi=10.1016%2fj.bioelectchem.2010.03.010&partnerID=40&md5=7d50362dc11f9516eca9d260dc925f6
	Belyaev, V.I., Golubnichaya, G.V., Gorobchenko, O.A., Zhylyakova, T.A., Kirichenko, A.Ya., Nikolov, O.T. , Psuturi, D.I.	Investigation of wine and wort permittivity in the microwave range (2009) KpbiMuKo 2009 CrMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292878, pp. 837-838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949138833&partnerID=40&md5=3978eab4c80aa096cfe9d8f774b7b6
	Levchenko, A.N., Tyutyunnik, V.B., Pritula, I.M., Kosinova, A.V., Shekhovtsov, A.N., Babarika, A.L., Govina, K.O., Babarika, L.I., Chizhov, V.V., Nikolov, O.T. , Kosmyna, M.B.	Microwave dielectric properties of some laser crystals (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671917, pp. 413-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849108628&doi=10.1109%2fCAOL.2008.4671917&partnerID=40&md5=70909e409952d213c1a22eb2883b6d9
	Anikina, N.S., Gerzhikova, V.G., Golubnichaya, G.V., Gorobchenko, O.A., Zhylyakova, T.A., Kirichenko, A.Ya., Nikolov, O.T.	Microwave permittivity measurement of multi-component solutions at two frequencies (2008) KpbiMuKo 2008 CrMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676598, pp. 780-781.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049149191&doi=10.1109%2fCRMICO.2008.4676598&partnerID=40&md5=5ada7897ef88ecd51372c6cd360cf5a
	Gorobchenko, O.A., Nikolov, O.T. , Gatash, S.V.	Influence of γ -irradiation on thermal conformation transitions and hydration of fibrinogen (2006) Biopolymers and Cell, 22 (2), pp. 162-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890574725&doi=10.7124%2fbc.00072C&partnerID=40&md5=8c1895d369492aac9e58ff78ea83cef6
	Levchenko, A.N., Gavrik, A.P., Pritula, I.M., Strizhenko, A.A., Tyutyunnik, V.B., Nikolov, O.T. , Velikhov, Y.N.	Investigation of electrical conductivity of KH2PO4 single crystals (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, статья № 4018257, pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250850382&doi=10.1109%2fLFNM.2006.2520388&partnerID=40&md5=ccc724c0fc04791b5ca17e446406bc8
	Gorobchenko, O.A., Nikolov, O.T. , Gatash, S.V.	Conformation transitions of blood proteins under influence of physical factors on microwave dielectric method (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 102 (1), pp. 18-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646762874&doi=10.1016%2fj.jqsrt.2006.02.063&partnerID=40&md5=3083fee9be75a9ba61c70618535a86b1
	Hackl, E.V., Gatash, S.V., Nikolov, O.T.	Using UHF-dielectrometry to study protein structural transitions (2005) Journal of Biochemical and Biophysical Methods, 63 (2), pp. 137-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19544365279&doi=10.1016%2fj.jbbm.2005.04.002&partnerID=40&md5=14d448dd47709f4361235f988a74701
	Nardid, O.A., Horobchenko, O.A., Nikolov, O.T. , Lipina, O.V., Moshko, I.O.	Examination of low temperature effect on cord blood serum by microwave dielectric method (2005) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 51 (5), pp. 56-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644825015&partnerID=40&md5=bbbfeedf06e629eaa4fa143e565632fa
	Levchenko, A.N., Velikhov, Y.N., Pritula, I.M., Doroshenko, A.O., Tyutyunnik, V.B., Sopin, A.A., Nikolov, O.T.	Optical absorption and luminescence in KDP:Xo dye inclusion crystals (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 76-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244498223&partnerID=40&md5=0a4dc6135e20d6e3289888ebb8d35a76
	Levchenko, A.N., Pritula, I.M., Shulga, V.M., Nikolov, O.T. , Velikhov, Y.N., Kostyuk, V.V.	Investigation of hole centers in KDP crystals (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, статья № 1250546, pp. 178-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8485559717&doi=10.1109%2fCAOL.2003.1250546&partnerID=40&md5=18baada4d30e7ecb271ccf7fc789821d
	Zatenko, N.A., Nikolov, O.T. , Parkhomenko, M.V.	Physical simulation for electrolocation systems (1988) Radioelectronics and Communications Systems (English translation of Izvestiya Vysshikh Uchebnykh Zavedenii Radioelektronika), 31 (9), pp. 51-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024187271&partnerID=40&md5=b8b7bd5af14761c771a25fce2de0b8a0
	Omelyanenko, I.F., Zhernov, S.A., Nikolov, O.T.	EQUIPMENT FOR STUDYING HIGH TEMPERATURE CREEP WITH ALLOWANCE FOR THE EFFECT OF ULTRASOUND. (1986) Russian Ultrasonics, 16 (4), pp. 75-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022801591&partnerID=40&md5=dc496b60e80b6b120f1cb1e7397b3c6f
	Omelyanenko, I.F., Zhernov, S.A., Nikolov, O.T.	SET-UP FOR THE STUDY OF HIGH-TEMPERATURE CREEP INCLUDING THE EFFECT OF ULTRASOUND. (1986) Industrial laboratory, 52 (8), pp. 775-778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243547971&partnerID=40&md5=04cfb680cdc475f94240d2cbf882e34
134.	Kravchenko, V.F., Sizova, N.D.	The R-function method in the investigation of the problems of diffraction of the electromagnetic waves on a system of bodies (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, статья № 4294864, pp. 929-931.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249136973&doi=10.1109%2fMSMW.2007.4294864&partnerID=40&md5=71f856aa9cb64e69ad18ef76a79fa6a3
	Kravchenko, V.F., Kravchenko, N.I., Sizova, N.D.	New method of calculating electro-optical modulators by radiation laser (2005) Doklady Akademii Nauk, 402 (3), pp. 325-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26944443104&partnerID=40&md5=727c10b8a27ca77af479b6fee3bad41a
	Kravchenko, V.F., Kravchenko, N.I., Sizova, N.D.	New method for calculating electro-optic resonance modulators of laser radiation (2005) Doklady Physics, 50 (5), pp. 244-247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20844451332&doi=10.1134%2f1.1941498&partnerID=40&md5=7837f073345755069fdda406333b5bba
	Kravchenko, N.I., Sizova, N.D.	Temperature fields in semi-coaxial resonators loaded with crystals (2004) Radiotekhnika, (9), pp. 40-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10144241054&partnerID=40&md5=101420feea87f267e5023151a99450d9
	Kravchenko, V.F., Sizova, N.D.	Investigation of some heat conductivity problems by the R-function method (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 58 (5-6), pp. 12-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751303284&partnerID=40&md5=992a0c9e516ba8a08af4a49904255ac5
	Kravchenko, N.I., Sizova, N.D.	Calculation of photoreceiver devices of laser measurement systems by the R-function method (2002) Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 1014147, pp. 153-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961959056&doi=10.1109%2fLFNM.2002.1014147&partnerID=40&md5=7763249b586047a05907a9ef1c2a3a48

	Kravchenko, V.F., Pustovojt, V.I., Rvachev, V.L., Sizova, N.D.	R-functions method in the problems of heat transfer processes for radiating bodies of complex shape (2001) Doklady Akademii Nauk, 376 (2), pp. 186-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035765052&partnerID=40&md5=06100b0bb7238134eb9866c12bd4d1ee
	Kravchenko, V.F., Pustovojt, V.I., Rvachev, V.L., Sizova, N.D.	Theory of R-functions in nonstationary problems of elastic waves diffraction (2001) Doklady Akademii Nauk, 376 (3), pp. 338-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035762925&partnerID=40&md5=d70079d9adb0da6ed3e9f16c59a28a74
	Kravchenko, V.F., Pustovojt, V.I., Rvachev, V.L., Sizova, N.D.	R-function method for simulating thermal processes in the case of radiating complex-shaped bodies (2001) Doklady Physics, 46 (1), pp. 21-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035529384&doi=10.1134%2F1.1348581&partnerID=40&md5=cfa99ef1a55f596d804208c1624a9519
	Kravchenko, V.F., Pustovojt, V.I., Rvachev, V.L., Sizova, N.D.	R-function theory in unsteady problems of elastic-wave diffraction (2001) Doklady Physics, 46 (1), pp. 63-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035529368&doi=10.1134%2F1.1348592&partnerID=40&md5=9a444c1e990d1eda7581dbf18b995293
	Kravchenko, V.F., Pustovojt, V.I., Rvachev, V.L., Sizova, N.D.	Application of the R-function theory to diffraction of thermoelastic waves by complex objects (2000) Doklady Physics, 45 (6), pp. 288-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034336319&partnerID=40&md5=df8ec34a286c6bea4be6860316ffeb9
	Kravchenko, N.I., Kravchenko, V.F., Sizova, N.D.	Calculation of an electrooptical modulator of laser bundles by a method of R-functions (1999) Doklady Akademii Nauk, 365 (6), pp. 753-755.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748842934&partnerID=40&md5=fa814e7b4fda5c9f808f5f5c33bca69
	Kravchenko, N.I., Kravchenko, V.F., Sizova, N.D.	Designing an electrooptical modulator of photon radiation by the R-function method (1999) Doklady Physics, 44 (4), pp. 228-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033238599&partnerID=40&md5=5fe5e35f4ab5368748501a69fb49538
	Rvachev, V.L., Sizova, N.D. , Golubnichij, O.P.	Stress-strained state of hollow conical ribbed shells (1998) Hangkong Xuebao/Acta Aeronautica et Astronautica Sinica, 19 (7), pp. 53-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031612995&partnerID=40&md5=485d0c67617ac38e16d27e4b47e72f69
	Gulyaev, Yu.V., Kravchenko, V.F., Rvachev, V.L., Sizova, N.D.	R-functions and finite difference methods combination in space problems of mathematical physics (1996) Doklady Akademii Nauk, 347 (4), pp. 454-457.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748609350&partnerID=40&md5=09cbec95cab83c23dbcc272912f1f166
	Gulyaev, Y.V., Kravchenko, V.F., Rvachev, V.L., Sizova, N.D.	A posteriori estimations of the error of structural solutions of space problems of mathematical physics (1996) Doklady Akademii Nauk, 346 (4), pp. 455-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007262679&partnerID=40&md5=0ea3a4d9240f905d0853d33fe9fce3d
	Gulyaev, Yu.V., Kravchenko, V.F., Rvachev, V.L., Sizova, N.D.	An investigation of the diffraction of elastic waves on plates weakened by two holes of arbitrary shape (1996) Doklady Akademii Nauk, 349 (2), pp. 175-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748597963&partnerID=40&md5=6191ea5e1e3209aa641fb847bac0eea2
	Gulyaev, Yu.V., Kravchenko, V.F., Rvachev, V.L., Sizova, N.D.	An investigation of the diffraction of elastic waves by a plate with two holes of arbitrary shape (1996) Doklady Mathematics, 54 (1), pp. 620-624.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040655169&partnerID=40&md5=d1c584cd0a92d1db395285e3fc8a5463
	Gulyaev, Yu.V., Kravchenko, V.F., Rvachev, V.L., Sizova, N.D.	Combination of the R-function and finite difference methods in space problems of mathematical physics (1996) Doklady Mathematics, 53 (2), pp. 281-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040158150&partnerID=40&md5=528d24deb89360224edcd78f484a88a6
	Rvachev, V.I., Shevchenko, A.N., Sizova, N.D.	Study of thermostressed state of the aviation engine blade by the method of R-functions (1996) Prikladnaya Mekhanika, 32 (2), pp. 47-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030077434&partnerID=40&md5=f27bb5f0475fb68469e54325330adb66
	Rvachev, V.L., Shevchenko, A.N., Sizova, N.D.	R-function analysis of the thermally stressed state of an aircraft engine blade (1996) International Applied Mechanics, 32 (2), pp. 117-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040203674&partnerID=40&md5=b5a3d61a8c366dbcccd396c63e02725ae
	Gulyaev, Yu.V., Kravchenko, V.F., Rvachev, V.L., Sizova, N.D.	A posteriori estimates of errors of structural solutions of space problems in mathematical physics (1996) Doklady Mathematics, 53 (1), pp. 101-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040157938&partnerID=40&md5=8f6636a5a3180032514695f8b884494
	Rvachev, V.L., Sizova, N.D. , Golubnichij, O.P.	Stress-strain state of hollow conical ribbed shells (1995) International Applied Mechanics, 31 (10), pp. 825-828.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249758832&doi=10.1007%2FbF00846883&partnerID=40&md5=cc8806aab641f298427abb4392773dd
135.	Darabi-Darestani, K., Sari, A., Utevska, O., Utevsky, S.Y.	Coloration pattern in populations of the eastern medicinal leech, <i>Hirudo orientalis</i> Utevsky & Trontelj, 2005 (Clitellata, Hirudinida): geographical distribution and life history (2016) Zoomorphology, 135 (3), pp. 291-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968542344&doi=10.1007%2Fs00435-016-0316-9&partnerID=40&md5=86ec3a047480eb37913b7af47d472eb
	Utevsky, S. , Trontelj, P.	Phylogeography of the southern medicinal leech, <i>Hirudo verbana</i> : a response to Živić et al. (2015) (2016) Aquatic Ecology, 50 (1), pp. 97-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957439697&doi=10.1007%2Fs10452-015-9553-0&partnerID=40&md5=b948fe095ff803dc068eeec76ac88747a
	Utevsky, S. , Dubov, P.G., Prokin, A.A.	First russian record of erpobdella monostriata: DNA barcoding and geographical distribution: (Annelida, hirudinida, erpobdellidae) (2015) Spixiana, 38 (2), pp. 161-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949549053&partnerID=40&md5=8611de3cc20850451c5e9ac0d479b43c
	Kovalenko, M.V., Utevsky, S.Y.	Comparative structural analysis of jaws of selected blood-feeding and predacious arynchobdellid leeches (Annelida: Clitellata: Hirudinida) (2014) Zoomorphology, 134 (1), pp. 33-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925487544&doi=10.1007%2Fs00435-014-0245-4&partnerID=40&md5=cd3a8c6d6dece41027d96d669c2aa68bd
	Kovalenko, M.V., Utevsky, S.Yu.	Transitional morphology in hybrids of <i>Hirudo verbana</i> and <i>H. orientalis</i> (clitellata, hirudinida) (2013) Vestnik Zoologii, 47 (6), pp. e32-e36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897756775&doi=10.2478%2Fzvzo-2013-0057&partnerID=40&md5=7648480dd726770149423584897ac538
	Utevsky, S.Y. , Chernyshev, A.V.	A new genus and species of fish leeches <i>Dolichobdella rubra</i> , gen. n., sp. n., (Clitellata, Hirudinida, Piscicolidae) from the northern Sea of Japan (2013) Deep-Sea Research Part II: Topical Studies in Oceanography, 86-87, pp. 221-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874307302&doi=10.1016%2Fj.dsr2.2012.08.016&partnerID=40&md5=f2ae46da5096dc0a0e99e3dc4e793fc8
	Utevsky, S.Y. , Sokolov, S.G., Shedko, M.B.	New records of the chaetiferous leech-like annelid <i>Paracanthobdella livanowi</i> (Epshtein, 1966) (Annelida: Clitellata: Acanthobdellida) from Kamchatka, Russia (2013) Systematic Parasitology, 84 (1), pp. 71-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871440887&doi=10.1007%2Fs11230-012-9390-7&partnerID=40&md5=608e82d7acb2b0cd87816d10feb27100
	Kovalenko, M.V., Utevsky, S.Y.	Size structures and comparative phenology of syntopic populations of <i>Hirudo verbana</i> and <i>Hirudo medicinalis</i> in eastern Ukraine (2012) Biologia, 67 (5), pp. 934-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865725332&doi=10.2478%2Fs11756-012-0089-7&partnerID=40&md5=dadb0ce61f2f0945146053d20bedb644
	Trontelj, P., Utevsky, S.Y.	Phylogeny and phylogeography of medicinal leeches (genus <i>Hirudo</i>): Fast dispersal and shallow genetic structure (2012) Molecular Phylogenetics and Evolution, 63 (2), pp. 475-485.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858079693&doi=10.1016%2Fj.ympev.2012.01.022&partnerID=40&md5=7e5958d3dec6776cdee86391c98e830
	Kaygorodova, I.A., Utevsky, S.Yu.	The first record of <i>Helobdella nuda</i> (Hirudinida, Glossiphoniidae) in Lake Baikal (2012) Vestnik Zoologii, 46 (5), pp. e40-e41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894409431&doi=10.2478%2Fv10058-012-0039-4&partnerID=40&md5=924928506ccc0923074fe559e4f0c6a3
	Utevsky, S. , Sorbe, J.	First record of the boreal-arctic marine leech <i>Mysidobdella borealis</i> (Hirudinida, Piscicolidae) from the southern Bay of Biscay (2012) Vestnik Zoologii, 46 (2), pp. e35-e38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860171513&doi=10.2478%2Fv10058-012-0014-0&partnerID=40&md5=5c5af60ab9370e389225ba0e9da8b3d4
	Petrauskienė, L., Utevska, O., Utevsky, S.	Reproductive biology and ecological strategies of three species of medicinal leeches (genus <i>Hirudo</i>) (2011) Journal of Natural History, 45 (11-12), pp. 737-747.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952570375&doi=10.1080%2F00222933.2010.535918&partnerID=40&md5=81974078508f0a64254f03fdd67ddef
	Utevsky, S. , Zagmajster, M., Atemasov, A., Zinenko, O., Utevska, O., Utevsky, A. , Trontelj, P.	Distribution and status of medicinal leeches (genus <i>Hirudo</i>) in the western palaearctic: Anthropogenic, ecological, or historical effects? (2010) Aquatic Conservation: Marine and Freshwater Ecosystems, 20 (2), pp. 198-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649091192&doi=10.1002%2Faqc.1071&partnerID=40&md5=9781aa29ecdff9b512c929d1d284619d
	Ökter, A., Utevsky, S.	New information on the hosts and distribution of the Marine fish leeches <i>trachelobdella lubrica</i> and <i>pontobdella muricata</i> (Clitellata, hirudinida) (2010) Vestnik Zoologii, 44 (4), pp. e33-e36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956140044&doi=10.2478%2Fv10058-010-0023-9&partnerID=40&md5=0a36ed2dab21dbe9817e9c2429782b89

	Utevsky, S.Y.	A new marine fish leech species of the genus <i>Oceanobdella</i> (Clitellata, Piscicolidae) from coastal waters of Sakhalin Island (2009) <i>Acta Parasitologica</i> , 54 (4), pp. 350-354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350366058&doi=10.2478%2Fs11686-009-0047-x&partnerID=40&md5=067e066f58b7dc13b233150e4ad42d4a
	Petrauskienė, L., Utevska, O., Utevsky, S.	Can different species of medicinal leeches (<i>Hirudo</i> spp.) interbreed? (2009) <i>Invertebrate Biology</i> , 128 (4), pp. 324-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71849109453&doi=10.1111%2Fj.1744-7410.2009.00180.x&partnerID=40&md5=14510064c9d4fb125bed4c3bfb3f8e3
	Utevsky, S. , Kovalenko, N., Doroshenko, K., Petrauskienė, L., Klymenko, V.	Chromosome numbers for three species of medicinal leeches (<i>Hirudo</i> spp.) (2009) <i>Systematic Parasitology</i> , 74 (2), pp. 95-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350769280&doi=10.1007%2Fs11230-009-9198-2&partnerID=40&md5=f44b73ca0fc3605dde71905e5aa6524d
	Siddall, M.E., Trontelj, P., Utevsky, S.Y. , Nkamany, M., Macdonald III, K.S.	Diverse molecular data demonstrate that commercially available medicinal leeches are not <i>Hirudo medicinalis</i> (2007) <i>Proceedings of the Royal Society B: Biological Sciences</i> , 274 (1617), pp. 1481-1487.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34447313895&doi=10.1098%2Frsps.2007.0248&partnerID=40&md5=1572b8ddbdcd6f45fead92b4692509f
	Utevsky, S.Y. , Utevsky, A.Y., Schiaparelli, S., Trontelj, P.	Molecular phylogeny of pontobdelline leeches and their place in the descent of fish leeches (<i>Hirudinea</i> , <i>Piscicolidae</i>) (2007) <i>Zoologica Scripta</i> , 36 (3), pp. 271-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147183890&doi=10.1111%2Fj.1463-6409.2007.00279.x&partnerID=40&md5=7a43122fc4113302e2abd7601d34649f
	Utevsky, S.Y. , Trontelj, P.	A new species of the medicinal leech (<i>Oligochaeta</i> , <i>Hirudinida</i> , <i>Hirudo</i>) from Transcaucasia and an identification key for the genus <i>Hirudo</i> (2005) <i>Parasitology Research</i> , 98 (1), pp. 61-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27944458365&doi=10.1007%2Fs00436-005-0017-7&partnerID=40&md5=25a3a2776b669c41102de3a03b510a50
	Trontelj, P., Utevsky, S.Y.	Celebrity with a neglected taxonomy: Molecular systematics of the medicinal leech (<i>Hirudo</i>) (2005) <i>Molecular Phylogenetics and Evolution</i> , 34 (3), pp. 616-624.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-15944393218&doi=10.1016%2Fj.ympev.2004.10.012&partnerID=40&md5=9d367d7d845f0f5125c3308ce99a3029
	Utevsky, S.Y. , Trontelj, P.	Phylogenetic relationships of fish leeches (<i>Hirudinea</i> , <i>Piscicolidae</i>) based on mitochondrial DNA sequences and morphological data (2004) <i>Zoologica Scripta</i> , 33 (4), pp. 375-385.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242702554&doi=10.1111%2Fj.0300-3256.2004.00156.x&partnerID=40&md5=64183a682511abb857b0b368a0e6fa1b
	Utevsky, S.Y.	New information on the distribution of marine fish leeches of the genus <i>Notostomum</i> (<i>Hirudinea</i> : <i>Piscicolidae</i>) (1994) <i>Canadian Field-Naturalist</i> , 108 (3), pp. 370-371.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028257531&partnerID=40&md5=9c5bf4ed37be12e77142a74cc1b84077
136.	Velikodsky, Y. , Korokhin, V.V., Shkuratov, Y., Kaydash, V.G., Videen, G.	Opposition effect of the Moon from LROC WAC data (2016) <i>Icarus</i> , 275, pp. 1-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963971909&doi=10.1016%2Fj.icarus.2016.04.005&partnerID=40&md5=7f8fc416bb593a387dfef3a131500423
	Shkuratov, Y., Kaydash, V., Rohacheva, L., Korokhin, V., Ivanov, M., Velikodsky, Y. , Videen, G.	Comparison of lunar red spots including the crater copernicus (2016) <i>Icarus</i> , 272, pp. 125-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960460934&doi=10.1016%2Fj.icarus.2016.02.034&partnerID=40&md5=fe6137964e73784d60423b01b90d8ed9
	Korokhin, V.V., Shkuratov, Y., Kaydash, V., Basilevsky, A., Rohachova, L., Velikodsky, Y. , Opanasenko, N., Videen, G., Stankevich, D., Kaluhina, O.	Characterization of a photometric anomaly in lunar Mare Nubium (2016) <i>Planetary and Space Science</i> , 122, pp. 70-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957018108&doi=10.1016%2Fj.pss.2016.01.011&partnerID=40&md5=9ef130d7256270e69c8b377c1112dbf7
	Korokhin, V.V., Velikodsky, Y.I. , Shalygin, E.V., Shkuratov, Y.G., Kaydash, V.G., Videen, G.	Retrieving lunar topography from multispectral LROC images (2014) <i>Planetary and Space Science</i> , 92, pp. 65-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896089061&doi=10.1016%2Fj.pss.2014.01.008&partnerID=40&md5=22b59065aa1da44008fc50ea20110681
	Berezhnoy, A.A., Churyumov, K.I., Kleshchenko, V.V., Kozlova, E.A., Mangano, V., Pakhomov, Y.V., Ponomarenko, V.O., Shevchenko, V.V., Velikodsky, Y.I.	Properties of the lunar exosphere during the Perseid 2009 meteor shower (2014) <i>Planetary and Space Science</i> , 96, pp. 90-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901355252&doi=10.1016%2Fj.pss.2014.03.008&partnerID=40&md5=14c5a6557f6998fb1185a698184ded0
	Shkuratov, Y., Kaydash, V., Korokhin, V., Velikodsky, Y. , Petrov, D., Zubko, E., Stankevich, D., Videen, G.	Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" (2013) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 116, pp. 191-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871935233&doi=10.1016%2Fj.jqsrt.2012.11.004&partnerID=40&md5=224a2b9fec21fb50f1f293c80061f11f
	Shkuratov, Y., Kaydash, V., Korokhin, V., Velikodsky, Y. , Petrov, D., Zubko, E., Stankevich, D., Videen, G.	A critical assessment of the Hapke photometric model (2012) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 113 (18), pp. 2431-2456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868190967&doi=10.1016%2Fj.jqsrt.2012.04.010&partnerID=40&md5=be39aac6846b321d5182d9ef1607de37
	Shkuratov, Y., Kaydash, V., Korokhin, V., Velikodsky, Y. , Opanasenko, N., Videen, G.	Optical measurements of the Moon as a tool to study its surface (2011) <i>Planetary and Space Science</i> , 59 (13), pp. 1326-1371.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052868254&doi=10.1016%2Fj.pss.2011.06.011&partnerID=40&md5=f3aabc0f34555f20f42260536036ba13
	Marchenko, G.P., Akimov, L.A., Belkina, I.L., Velikodsky, Y.I.	Solar chromosphere in the D3 helium line from spectra of the eclipse of March 29, 2006 (2011) <i>Kinematics and Physics of Celestial Bodies</i> , 27 (4), pp. 183-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052042668&doi=10.3103%2Fs0884591311040076&partnerID=40&md5=c2a256940e5de7f843bf1ff042ebd288
	Velikodsky, Y. , Opanasenko, N.V., Akimov, L.A., Korokhin, V.V., Shkuratov, Y., Kaydash, V.G., Videen, G., Ehgamberdiev, S., Berdalieva, N.E.	New Earth-based absolute photometry of the Moon (2011) <i>Icarus</i> , 214 (1), pp. 30-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959568501&doi=10.1016%2Fj.icarus.2011.04.021&partnerID=40&md5=74ed1a575c95e6260dcd175e4de7b791
	Emelyanov, N.V., Andreev, M.V., Berezhnoi, A.A., Bekhteva, A.S., Vashkovyakov, S.N., Velikodskii, Y.I. , Vereshchagina, I.A., Gorshanov, D.L., Devyatkin, A.V., Izmailov, I.S., Ivanov, A.V., Irmambetova, T.R., Kozlov, V.A., Karashevich, S.V., Kurenya, A.N., Naiden, Y.V., Naumov, K.N., Parakhin, N.A., Raskhozhev, V.N., Selyaev, S.A., Sergeev, A.V., Sokov, E.N., Khovrichiev, M.Y., Khrutskaya, E.V., Chernikov, M.M.	Astrometric Results of Observations at Russian Observatories of Mutual Occultations and Eclipses of Jupiter's Galilean Satellites in 2009 (2011) <i>Solar System Research</i> , 45 (3), pp. 264-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956209538&doi=10.1134%2Fs0038094611010035&partnerID=40&md5=b5f7c33e7b0082dfc5e6e628fd6e306f
	Opanasenko, A.N., Opanasenko, N.V., Shkuratov, Y.G., Kaidash, V.G., Velikodskii, Y.I. , Korokhin, V.V.	Distribution of the spectropolarimetric parameter of the moon in the northern part of Ocean Procellarum for a large phase angle (2011) <i>Kinematics and Physics of Celestial Bodies</i> , 27 (1), pp. 38-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956028050&doi=10.3103%2Fs0884591311010077&partnerID=40&md5=57b581d6bb25e56f4e8172ee4668eda7
	Kaydash, V.G., Gerasimenko, S.Y., Shkuratov, Y.G., Opanasenko, N.V., Velikodsky, Y.I. , Korokhin, V.V., Kaydash, M.V.	The phase ratios of the color index: Mapping of two regions of the near side of the Moon (2010) <i>Solar System Research</i> , 44 (4), pp. 267-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956442972&doi=10.1134%2Fs0038094610040015&partnerID=40&md5=253821b4eb6c4fde7d0f8243a7bfb1fa
	Korokhin, V.V., Velikodsky, Y.I. , Shkuratov, Y.G., Kaydash, V.G., Gerasimenko, S.Y., Opanasenko, N.V., Videen, G., Pieters, C.	Removal of topographic effects from lunar images using Kaguya (LALT) and Earth-based observations (2010) <i>Planetary and Space Science</i> , 58 (10), pp. 1298-1306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7795416686&doi=10.1016%2Fj.pss.2010.05.013&partnerID=40&md5=4ebe7a67a19bd00e44c7405e91f3899
	Shkuratov, Y., Kaydash, V., Gerasimenko, S., Opanasenko, N., Velikodsky, Y. , Korokhin, V., Videen, G., Pieters, C.	Probable swirls detected as photometric anomalies in Oceanus Procellarum (2010) <i>Icarus</i> , 208 (1), pp. 20-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953537032&doi=10.1016%2Fj.icarus.2010.01.028&partnerID=40&md5=010f935b48876a9d93b7119e4a494dfb
	Opanasenko, N.V., Opanasenko, A.N., Shkuratov, Yu.G., Kaydash, V.G., Velikodsky, Yu.I. , Korokhin, V.V.	The negative polarization parameters of the light scattered by the lunar surface: Mapping (2009) <i>Solar System Research</i> , 43 (3), pp. 210-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650683949&doi=10.1134%2Fs0038094609030022&partnerID=40&md5=4f0a1442671790cd4786d3bd0a086e31
	Kaidash, V.G., Gerasimenko, S.Y., Shkuratov, Yu.G., Opanasenko, N.V., Velikodskii, Yu.I. , Korokhin, V.V.	Photometric function variations observed on the near side of the Moon: Mapping (2009) <i>Solar System Research</i> , 43 (2), pp. 89-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64749090060&doi=10.1134%2Fs0038094609020014&partnerID=40&md5=940527bed7b639b789fc94467c0bb71

	Shkuratov, Yu., Opanasenko, N., Opanasenko, A., Zubko, E., Bondarenko, S., Kaydash, V., Videen, G., Velikodsky, Yu. , Korokhin, V.	Polarimetric mapping of the Moon at a phase angle near the polarization minimum (2008) Icarus, 198 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53949121361&doi=10.1016%2fj.icarus.2008.06.014&partnerID=40&md5=239afd5ab266326cce34e255246a0a97
	Shalygina, O.S., Korokhin, V.V., Starukhina, L.V., Shalygin, E.V., Marchenko, G.P., Velikodsky, Yu.I. , Starodubtseva, O.M., Akimov, L.A.	The north-south asymmetry of polarization of Jupiter: The causes of seasonal variations (2008) Solar System Research, 42 (1), pp. 8-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38849093189&doi=10.1007%2f11208-008-1002-3&partnerID=40&md5=4d9dccc1f1582e87fa65e30235a944a9c
	Korokhin, V.V., Velikodsky, Yu.I. , Shkuratov, Yu.G., Mall, U.	The phase dependence of brightness and color of the lunar surface: A study based on integral photometric data (2007) Solar System Research, 41 (1), pp. 19-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847398828&doi=10.1134%2f1003809460710029&partnerID=40&md5=f81f4ac6c16362237f66bdf302579aef
	Akimov, L.A., Beletskii, S.A., Belkina, I.L., Bugaenko, O.I., Velikodskii, Yu.I. , Zhitnik, I.A., Ignat'ev, A.P., Korokhin, V.V., Kuzin, S.V., Marchenko, G.P., Pertsov, A.A.	Quasi-periodicity of MgXII X-ray bursts revealed by CORONAS-F SPIRIT data for solar active regions (2005) Astronomy Reports, 49 (7), pp. 579-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544467775&doi=10.1134%2f1.1985955&partnerID=40&md5=315e8fec03d8735ed7609280111b1da8
	Korokhin, V.V., Velikodsky, Yu.I.	Parameters of the positive polarization maximum of the Moon: Mapping (2005) Solar System Research, 39 (1), pp. 45-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-15244354260&doi=10.1007%2f11208-005-0004-7&partnerID=40&md5=5bc222dbff98dd288447ccc7ce0a55e7
	Kreslavsky, M.A., Shkuratov, Yu.G., Velikodsky, Yu.I. , Kaydash, V.G., Stankevich, D.G., Pieters, C.M.	Photometric properties of the lunar surface derived from Clementine observations (2000) Journal of Geophysical Research E: Planets, 105 (E8), pp. 20281-20295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033764988&partnerID=40&md5=800871ba92bc35266017f0e28cb33629
137.	Girka, O. , Bizyukov, O., Bogatyrenko, S., Bizyukov, I.	Aluminium surface morphology behaviour under high-flux helium ion bombardment (2017) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 405, pp. 31-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019640796&doi=10.1016%2fj.nimb.2017.05.019&partnerID=40&md5=ee3e0c5fe4d308ab37142f09c59499ff
	Herashchenko, S.S., Makhilaj, V.A., Girka, O.I. , Aksenov, N.N., Bizyukov, I.A., Malykhin, S.V., Surovitskiy, S.V., Sereda, K.N., Bizyukov, A.A.	Erosion features of tungsten surfaces under combined steady-state and transient plasma loads (2016) Problems of Atomic Science and Technology, 106 (6), pp. 69-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007609863&partnerID=40&md5=71877e50c8bfe7a9f3e1fc6d8b83269
	Girka, O. , Bizyukov, O., Kolyada, Y., Sereda, K., Bizyukov, I.	Extraction of fusion relevant ion species from discharge of focused anode layer thruster (2015) Problems of Atomic Science and Technology, 98 (4), pp. 22-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941112294&partnerID=40&md5=0d4ccc88910a415a6c332b1953a7ec25
	Girka, O. , Bizyukov, A., Bizyukov, I., Gutkin, M., Mishin, S.	Operation modes of the FALCON ion source as a part of the AMS cluster tool (2015) Nukleonika, 60 (2), pp. 327-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931094033&doi=10.1515%2fnuka-2015-0059&partnerID=40&md5=efb2ec31c6794f0b6dcf5ce58abf34e
	Bizyukov, I.O., Girka, O.I. , Starovoitov, R.I., Bizyukov, O.A., Bobkov, V.V.	Exposure of tungsten surface to high-flux of helium and argon ions (2014) Problems of Atomic Science and Technology, 94 (6), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918554358&partnerID=40&md5=66a1fa4d14e1642959d3efc3233d6611
	Bizyukov, A.A., Girka, O.I. , Romashchenko, E.V., Sereda, K.N., Yunakov, N.N.	Self-compensation of the focused ion beam space charge (2013) Problems of Atomic Science and Technology, (1), pp. 204-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876169582&partnerID=40&md5=3492efb83fd5a9deceae307c9cc07fa
	Makhilaj, V.A., Aksenov, N.N., Byrka, O.V., Garkusha, I.E., Bizyukov, A.A., Bizyukov, I.A., Girka, O.I. , Sereda, K.N., Bazdyreva, S.V., Malykhin, S.V., Pugachov, A.T.	Combined exposures of tungsten by stationary and transient hydrogen plasma heat loads: Preliminary results (2013) Problems of Atomic Science and Technology, (1), pp. 70-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876192977&partnerID=40&md5=36d33e9ffdb4b6734147d1bcd6fcfb4
	Bizyukov, A.A., Girka, A.I. , Sereda, K.N., Sleptsov, V.V., Romashchenko, E.V.	Longitudinal ion source with the current self-compensation of the focused ion beam (2012) Plasma Physics Reports, 38 (13), pp. 1032-1036.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871832557&doi=10.1134%2f1063780X12080077&partnerID=40&md5=e787d12a6a9a42d4df30da08dfbe1a69
	Girka, O.I. , Bizyukov, I.A., Bizyukov, A.A., Sereda, K.N., Herashchenko, S.S.	Mass-separation of impurities in the ion beam systems with reversed magnetic beam focusing (2012) Problems of Atomic Science and Technology, (6), pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871786073&partnerID=40&md5=356284f694c25a0e595bc6fd601ff336
	Girka, O. , Bizyukov, I., Sereda, K., Bizyukov, A., Gutkin, M., Sleptsov, V.	Compact steady-state and high-flux Falcon ion source for tests of plasma-facing materials (2012) Review of Scientific Instruments, 83 (8), статья № 083501, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865752752&doi=10.1063%2f1.4740519&partnerID=40&md5=4620559ab8f33e5975536df60428b7b2
	Girka, V., Girka, I., Pavlenko, I., Girka, O. , Girka, A.	Coupled azimuthal modes propagating in current-carrying plasma waveguides (2012) Journal of Plasma Physics, 78 (2), pp. 105-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857838541&doi=10.1017%2fS0022377811000468&partnerID=40&md5=06fb3303a3e12bb574c6ec184b641fa3
	Bizyukov, A.A., Girka, A.I. , Sereda, K.N., Sleptsov, V.V., Romashchenko, E.V.	Longitudinal ion source with a current self-compensation of the focused ion beam (2011) Applied Physics, (5), pp. 74-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886911277&partnerID=40&md5=02c06caf7b8626a2057901ddad817a6c
	Bizyukov, A.A., Bizyukov, I.A., Girka, O.I. , Sereda, K.N., Sleptsov, V.V., Gutkin, M., Mishin, S.	Ion beam system for Nanotrimming of functional microelectronics layers (2011) Problems of Atomic Science and Technology, (1), pp. 110-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952474562&partnerID=40&md5=e6e11ba5571fdd5947fee877eae7247
	Bizyukov, A.A., Girka, O.I. , Sereda, K.N., Sleptsov, V.V., Chundra, A.G.	Control of planar magnetron sputtering system operating modes by additional anode magnetic field (2010) Problems of Atomic Science and Technology, (6), pp. 144-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650609214&partnerID=40&md5=ca2af4683a1694cf16be8391ef12cb60
	Bizyukov, A.A., Girka, O.I. , Kashaba, A.Y., Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Phase states of macroparticles under interaction of keV ion beam with dusty plasma (2010) Problems of Atomic Science and Technology, (6), pp. 147-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650595301&partnerID=40&md5=3d42a59f6c72d02487ad2b67810e1eb1
	Girka, I.O., Girka, O.I. , Girka, V.O., Pavlenko, I.V.	Azimuthal surface waves in toroidal magnetic traps (2008) Problems of Atomic Science and Technology, (6), pp. 64-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549261761&partnerID=40&md5=0be7f06fab08c52985c3d08991837f75
	Bizyukov, A.A., Girka, A.I. , Sereda, K.N., Nazarov, A.V., Romashchenko, E.V., Karazin, V.N.	Hall ion source with ballistic and magnetic beam focusing (2008) Problems of Atomic Science and Technology, (6), pp. 174-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549269447&partnerID=40&md5=78ef044d739b1edd7ccc02ae5dfd36ff
	Girka, O.I. , Girka, V.O., Girka, I.O., Pavlenko, I.V.	Coupled transverse modes of coaxial metal waveguides completely filled with magnetoactive current-carrying plasma (2008) Plasma Physics Reports, 34 (11), pp. 901-910.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-55849093971&doi=10.1134%2f1063780X08110032&partnerID=40&md5=cec4904ac505e13e58a7b85895d1b653
	Girka, A.I. , Girka, V.A., Girka, I.A., Pavlenko, I.V.	Propagation of azimuthal waves along the surface of a metal current-carrying cylinder immersed into a magnetized plasma (2008) Radiophysics and Quantum Electronics, 51 (2), pp. 110-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49649087160&doi=10.1007%2f11141-008-9010-1&partnerID=40&md5=114dce2c1bc79a142e1f3cf7dfda311b
	Girka, A.I. , Girka, V.A., Girka, I.A., Pavlenko, I.V.	Propagation of azimuthal waves in magnetoactive waveguides filled with a current-carrying plasma (2008) Technical Physics, 53 (7), pp. 905-912.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48849116097&doi=10.1134%2f1063784208070141&partnerID=40&md5=5ee064588904f7881f164c71a8fe04ba
	Girka, O.I. , Girka, V.O., Girka, I.O., Pavlenko, I.V.	Resonant effect of the noncircular shape of the plasma surface on the dispersion properties of extraordinary azimuthal surface modes in magnetoactive waveguides (2007) Plasma Physics Reports, 33 (7), pp. 543-552.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547467643&doi=10.1134%2f1063780X07070033&partnerID=40&md5=8ad06013c1e6686727f645540b47d37e
	Girka, O.I. , Girka, V.O., Girka, I.O., Pavlenko, I.V.	Effect of the shape of the cross section of a plasma-dielectric interface on the dispersion properties of azimuthal surface modes (2007) Plasma Physics Reports, 33 (2), pp. 91-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947417286&doi=10.1134%2f1063780X0702002X&partnerID=40&md5=690e229ac137ca94a24c30c00575393
138.	Fylymonenko, V.P., Nikitchenko, I.V. , Kaliman, P.A.	Effect of L-arginine on pro- and antioxidant status of the rat vessels and lungs in experimental rhabdomyolysis (2009) Fiziolohichnyi zhurnal (Kiev, Ukraine : 1994), 55 (5), pp. 64-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951922896&partnerID=40&md5=353ba0573c58feda8489a68cd05a6331

	Fylymonenko, V.P., Nikitchenko, I.V. , Kaliman, P.A.	Antioxidant effects of L-arginine in the rat heart under experimental rhabdomyolysis (2009) Ukrain'skyi Biokhimichnyi Zhurnal, 81 (1), pp. 114-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65249158000&partnerID=40&md5=e8f32c6e59c418fe43e052d21a0d196d
	Belostotskaia, L.I., Dziuba, V.N., Nikitchenko, I.V.	The effect of three different hypocaloric diets on oxidative phosphorylation and activity of enzymatic antioxidant system in rat liver mitochondria (2008) Advances in gerontology = Uspekhi gerontologii / Rossiiskaia akademiia nauk, Gerontologicheskoe obshchestvo, 21 (2), pp. 235-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58149265472&partnerID=40&md5=5d6f45c092faaa4e8fb970fbc7e5eab
	Kaliman, P.A., Filimonenko, V.P., Nikitchenko, I.V.	Heme oxygenase activity in the tissues of the vessels and heart of rats under co-administration of NO-synthases and hemin chloride (2008) Ukrain'skyi Biokhimichnyi Zhurnal, 80 (2), pp. 128-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47849093092&partnerID=40&md5=7aadeae7f7354538f885aa578624bfa
	Nikitchenko, I.V. , Padalko, V.I., Tkachenko, V.N., Zolotukhina, A.A., Tovstiak, V.V.	The influence of gamma-irradiation and alimentary factors on prooxidant-antioxidant rat's liver and blood system (2008) Radiatsionnaia biologii, radioecologia / Rossiiskaia akademiia nauk, 48 (2), pp. 171-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52649130817&partnerID=40&md5=53a8d8cc84e98dfd9fec6ce3ca18762
	Kaliman, P.A., Strelchenko, E.V., Nikitchenko, I.V. , Filimonenko, V.P.	Heme oxygenase activity and some indices of antioxidant protection in rat liver and kidney in glycerol model of rhabdomyolysis (2003) Bulletin of Experimental Biology and Medicine, 135 (1), pp. 37-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038727858&doi=10.1023%2FA%3a1023485626795&partnerID=40&md5=2f7a71ccc00634c17ba4fd439013cd
	Kaliman, P.A., Strelchenko, K.V., Barannik, T.V., Nikitchenko, I.V. , Inshina, N.M., Pavychenko, O.V., Fylymonenko, V.P.	Metabolism of heme and hemoproteins and some indices of the antioxidant system in rat erythrocytes and tissues under anemia caused by phenylhydrazine [Metabolizm hemu ta hemoproteiniv i deiaki pokaznyky antioksydantnoi systemy v erytrotsytakh i tkanyakh shchuriv pry fenilhidrazynovii anemii.] (2003) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 49 (2), pp. 66-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242336485&partnerID=40&md5=1af69981ad33d87814a22b623a7b631f4
	Strelchenko, E.V., Nikitchenko, I.V. , Kaliman, P.A.	Heme oxygenase activity in rat organs during cadmium chloride administration [Gemoksisgenaznaia aktivnost' v organakh kryis pri vvedenii khlorida kadmii.] (2002) Ukrain'skii biokhimicheskii zhurnal, 74 (5), pp. 107-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0642364347&partnerID=40&md5=f697edf7cde4757aa9e193e50d9f3ced
	Kaliman, P.A., Nikitchenko, I.V. , Sokol, O.A., Strelchenko, E.V.	Regulation of Heme Oxygenase Activity in Rat Liver during Oxidative Stress Induced by Cobalt Chloride and Mercury Chloride (2001) Biochemistry (Moscow), 66 (1), pp. 77-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035234782&doi=10.1023%2FA%3a1002889814723&partnerID=40&md5=ba9ec567fa66c6d3037119d0f31cb95
	Kaliman, P.A., Nikitchenko, I.V. , Sokol, O.A., Strelchenko, E.V.	Regulation of heme oxygenase activity in rat liver during oxidative stress induced by cobalt chloride and mercury chloride (2001) Biokhimiya, 66 (1), pp. 98-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035773505&partnerID=40&md5=226072f3893ca650012b1c98e03c00a8
	Nikitchenko, I.V. , Roman'ko, M.I., Dziuba, V.M., Fuks, P.P.	Lipid peroxidation and regulation of it in rat blood and liver under the experimental alimentary radionuclide effect [Peroksydne oksyleniia lipidiv i ioho rehulatsiia u krovi ta pechintsii shchuriv za umov eksperymental'noho alimentarnoho radionuklidnoho vplivu.] (2001) Ukrain'skii biokhimicheskii zhurnal, 73 (5), pp. 43-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035453263&partnerID=40&md5=4aeec01aadf8913c1e0687167caf2259
	Kaliman, P.A., Nikitchenko, I.V. , Barannik, T.V., Sokol, O.A.	Metabolism of heme and hemoproteins in rat liver upon administration of mercuric chloride [Metabolizm gema i gemoproteinov v pecheni kryis pri vvedenii khlorida rtuti.] (1999) Ukrain'skii biokhimicheskii zhurnal, 71 (6), pp. 81-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033223580&partnerID=40&md5=e5ab2de323b48ee649df4b787c0671e
	Lemeshko, V.V., Nikitchenko, I.V. , Troianova, V.N., Malanda, P., Belostotskaia, L.I.	Features of ischemic injuries to membranes and activation of lipid peroxidation in the myocardium of rats of various ages [Osobennosti ishemicheskogo povrazhdeniia membran i aktivatsiia perekisnogo oksleniia lipidov v miokarde kryis raznogo vozrasta.] (1989) Ukrain'skii biokhimicheskii zhurnal, 61 (2), pp. 98-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024639319&partnerID=40&md5=5ad8ef8e78b517e8c83bf8ce10aa7056
	Kaliman, P.A., Nikitchenko, I.V.	Activity of key enzymes of heme metabolism and the content of several hemoproteins in the liver of rats of various ages [Aktivnost' kluchevykh fermentov metabolizma gema i sodержanie nekotorykh gemoproteinov v pecheni kryis raznogo vozrasta.] (1989) Ukrain'skii biokhimicheskii zhurnal, 61 (1), pp. 75-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024541752&partnerID=40&md5=60eeea9f5536fa9f40e9cd915a89ae15
	Kaliman, P.A., Nikitchenko, I.V. , Manandkhar, S.P.	The role of heme in the regulation of tryptophan-2,3-dioxygenase activity and cytochrome P-450 content in rat liver (1989) Biokhimiya, 54 (10), pp. 1719-1724.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024742645&partnerID=40&md5=2535e558866f10ed188a15677eab730e
	Lemeshko, V.V., Nikitchenko, I.V. , Svich, I.V., Ovsianikov, S.E.	Peroxidation of biomembrane lipids and its enzymatic regulation during aging in the rat [Perekisnoe oksleniie lipidov biomembran i ego fermentativnaia regulatsiia pri starenii kryis.] (1987) Ukrain'skii biokhimicheskii zhurnal, 59 (2), pp. 50-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023296640&partnerID=40&md5=fea05eb33fe0dc80f0c65e58d291b07b
	Lemeshko, V.V., Nikitchenko, I.V.	Lipid hydroperoxide levels in the heart and liver of rats of various ages [Soderzhanie gidroperekisei lipidov v serdse i pecheni kryis razlichnogo vozrasta.] (1986) Ukrain'skii biokhimicheskii zhurnal, 58 (6), pp. 67-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022817561&partnerID=40&md5=45b90a7778ebff06b5e65581c58c8288
	Lemeshko, V.V., Nikitchenko, I.V. , Lankin, V.Z.	Enzymes utilizing hydroperoxides and O ₂ in the myocardium of rats of different ages [Fermenty utilizatsii gidroperekisidov i O ₂ v miokarde kryis raznogo vozrasta.] (1985) Byulleten Eksperimentalnoi Biologii i Meditsiny, 99 (5), pp. 563-565.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022069986&partnerID=40&md5=32bd3456e25c0e1683e439bafa7fc68
	Lemeshko, V.V., Nikitchenko, I.V. , Kaliman, P.A.	Enzymes of the antioxidant system of rat liver during aging [Fermenty antioksidantnoi systemy pecheni kryis pri starenii.] (1983) Ukrain'skii biokhimicheskii zhurnal, 55 (5), pp. 523-528.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020824624&partnerID=40&md5=5077f034f065d0ddfd9c6525c895d885a
	Lemeshko, V.V., Nikitchenko, I.V. , Kaliman, P.A.	Activation of membrane lipid peroxidation in the liver of young and old rats by thyroxine and actinomycin D [Aktivatsiia perekisnogo oksleniia lipidov membran v pecheni molodykh i starykh kryis tiroksinom i aktinomitsinom D.] (1983) Ukrain'skii biokhimicheskii zhurnal, 55 (2), pp. 206-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020731973&partnerID=40&md5=88facabcfcd0f96acbb3370b658bd29e
	Lemeshko, V.V., Nikitchenko, I.V.	Lipid peroxidation of myocardial membranes and its regulation during aging [Lipopereokislenie membran miokarda i ego regulatsiia pri starenii organizma.] (1982) Byulleten Eksperimentalnoi Biologii i Meditsiny, 94 (11), pp. 12-14.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020210982&partnerID=40&md5=711b62633816a28aef14142ef557677e
	Lemeshko, V.V., Nikitchenko, I.V. , Kaliman, P.A.	Age characteristics of lipid peroxide oxidation induction in the rat liver during fasting [Vozrastnye osobennosti induktsii perekisnogo oksleniia lipidov v pecheni kryis pri golodanii.] (1982) Ukrain'skii biokhimicheskii zhurnal, 54 (3), pp. 325-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020137348&partnerID=40&md5=e6e1101894d9ae4ac9dee1426578d443
139.	Berezynov, Yu.A., Onyshchenko, G.M. , Pilipenko, V.V.	Analysis of α - 1 2 C elastic scattering at intermediate energies by the S - matrix model (2017) International Journal of Modern Physics E, 26 (5), статья № 1750027, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019244704&doi=10.1142%2F0218301317500276&partnerID=40&md5=9bcee0e5975adda16f7928453241bd14d
	Ryzhikov, V.D., Naydenov, S.V., Onyshchenko, G.M. , Piven, L.A., Zvereva, V.S., Pochet, T., Smith, C.F.	A new multi-layer scintillation detector for detection of neutron-gamma radiation (2016) 2015 IEEE Nuclear Science Symposium and Medical Imaging Conference, NSS/MIC 2015, статья № 7581996, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994173218&doi=10.1109%2FNSSMIC.2015.7581996&partnerID=40&md5=a6812dc56ba216c777830a8a2fea23f
	Ryzhikov, V.D., Smith, C.F., Grinyov, B.V., Piven, L.A., Onyshchenko, G.M. , Naydenov, S.V., Pochet, T.	Detection of gamma-neutron radiation by novel solid-state scintillation detectors (2016) 2015 4th International Conference on Advancements in Nuclear Instrumentation Measurement Methods and their Applications, ANIMMA 2015, статья № 7465541, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974528147&doi=10.1109%2FANIMMA.2015.7465541&partnerID=40&md5=d818e497d7690d6e4b785bb5adaf236
	Ryzhikov, V.D., Naydenov, S.V., Onyshchenko, G.M. , Piven, L.A., Pochet, T., Smith, C.F.	High efficiency fast neutron detectors based on inorganic scintillators (2016) 2014 IEEE Nuclear Science Symposium and Medical Imaging Conference, NSS/MIC 2014, статья № 7431165, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965006876&doi=10.1109%2FNSSMIC.2014.7431165&partnerID=40&md5=deb171648c58b16f5bc8b493b91cb2d6
	Ryzhikov, V.D., Grinyov, B.V., Onyshchenko, G.M. , Piven, L.A., Naydenov, S.V., Lysetska, O.K.	The highly efficient gamma-neutron detector for control of fissionable radioactive materials (2014) Functional Materials, 21 (3), pp. 345-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907581607&partnerID=40&md5=e0502cf20469fcd8ad9478755396c639

	Ryzhikov, V.D., Grinyov, B.V., Onyshchenko, G.M. , Piven, L.A., Lysetska, O.K., Opolonin, O.D., Kostioukevitch, S.A., Smith, C.F.	The neutron detectors based on oxide scintillators for control of fissionable radioactive substances (2014) Proceedings of SPIE - The International Society for Optical Engineering, 9213, статья № 92131B, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923007996&doi=10.1117/2f12.2058185&partnerID=40&md5=9300c4b597d0fb0fdbb0bd74ae2499be
	Ryzhikov, V.D., Grinyov, B.V., Onyshchenko, G.M. , Piven, L.A., Lysetska, O.K., Nagornaya, L.L., Zenya, I.M., Berezchnoy, A.Y.	A high-efficiency method of detection of fast neutrons for detection systems of fissionable radioactive materials (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 71 (18), pp. 1665-1686.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871606350&doi=10.1615/2fTelecomRadEng.v71.i18.508&partnerID=40&md5=46733bd8d1198128ee02792bd8439dd4
	Ryzhikov, V.D., Grinyov, B.V., Onyshchenko, G.M. , Piven, L.A., Lysetska, O.K., Nagornaya, L.L.	High efficiency method of fast neutron detection by oxide scintillators for detection systems of fissionable radioactive substances (2011) ANIMMA 2011 - Proceedings: 2nd International Conference on Advancements in Nuclear Instrumentation, Measurement Methods and their Applications, статья № 6172929, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860808794&doi=10.1109/2fANIMMA.2011.6172929&partnerID=40&md5=6d582dbbfa88cc0d0b0d1c21b943e8d7
	Rosenfeld, A.B., Ryzhikov, V.D., Onyshchenko, G.M. , Galkin, S.M., Opolonin, O.D., Lysetska, O.K., Perevertaylo, V.L., Piven, L.A., Voronkin, E.F., Zenya, I.M.	Small-sized UV radiometer on the basis of schottky diodes (2011) Radiation Measurements, 46 (12), pp. 1666-1670.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82355182064&doi=10.1016/j.radmeas.2011.06.033&partnerID=40&md5=465901107d51446679af6ec12134a68
	Ryzhikov, V.D., Onyshchenko, G.M. , Smith, C.F., Opolonin, O.D., Lysetska, O.K., Piven, L.A., Zenya, I.M., Volkov, O.V., Voronkin, E.F., Galkin, S.N., Bendeberia, I., Katrunov, K.	Professional and household dosimeters for UV biologically active ranges of solar radiation on the basis of ZnSe "semiconductor-metal" nanostructures (2010) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 7715, статья № 77151Q, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78751627547&doi=10.1117/2f12.853665&partnerID=40&md5=0f1d32821a5144eef3aba9f4cfc0c883
	Ryzhikov, V.D., Grinyov, B.V., Onyshchenko, G.M. , Piven, L.A., Lysetska, O.K., Nagornaya, L.L., Pochet, T.	The use of fast and thermal neutron detectors based on oxide scintillators in inspection systems for prevention of illegal transportation of radioactive substances (2010) IEEE Transactions on Nuclear Science, 57 (5 PART 2), статья № 5603495, pp. 2747-2751.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953799003&doi=10.1109/2fTNS.2009.2037747&partnerID=40&md5=3c08d4b704ea3067f0e927e160c6e511
	Grinyov, B.V., Ryzhikov, V.D., Sidletskiy, O.T., Onyshchenko, G.M. , Galkin, S.N., Ivanov, A.I., Tarasov, V.A., Zelenskaya, O.V., Kurtsev, D.A., Piven, L.A., Zenya, I.M.	Absolute light yield determination for LGSO:Ce, CWO, ZnSe:Al, and GSO:Ce crystals (2010) IEEE Transactions on Nuclear Science, 57 (3 PART 2), статья № 5485116, pp. 1236-1240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953924017&doi=10.1109/2fTNS.2010.2047732&partnerID=40&md5=86ff899a47b8562cbbc0f3153b93cce
	Ryzhikov, V.D., Grinyov, B.V., Onyshchenko, G.M. , Piven, L.A., Lysetska, O.K., Nagornaya, L.L., Pochet, T.	The use of fast and thermal neutron detectors based on oxide scintillators in inspection systems for prevention of illegal transportation of radioactive substances (2009) ANIMMA 2009 - 2009 1st International Conference on Advancements in Nuclear Instrumentation, Measurement Methods and their Applications, статья № 5503655, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954911068&doi=10.1109/2fANIMMA.2009.5503655&partnerID=40&md5=0501ab5569db0ca183481c6aad94ad5
	Ryzhikov, V.D., Onyshchenko, G.M. , Piven, L.A., Grinyov, B.V., Galkin, S.M., Lysetska, O.K., Pochet, T., Smith, C.F.	New neutron detectors based on inorganic scintillators using inelastic scattering (2009) IEEE Nuclear Science Symposium Conference Record, статья № 5402147, pp. 1978-1982.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951202797&doi=10.1109/2fNSSMIC.2009.5402147&partnerID=40&md5=75d74fe00c54ca3f3b80b7dddbb9b15bf
	Ryzhikov, V.D., Naydenov, S.V., Onyshchenko, G.M. , Lecoq, P., Smith, C.F.	A spectrometric approach in radiography for detection of materials by their effective atomic number (2009) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 603 (3), pp. 349-354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65449186543&doi=10.1016/j.nima.2009.02.006&partnerID=40&md5=588d67aeefae66e7811da76c47001400
	Tupitsyna, I.A., Grinyov, B.V., Katrunov, K.A., Nagornaya, L.L., Onyshchenko, G.M.	Radiation damage in CWO scintillation crystals with different defects (2008) IEEE Nuclear Science Symposium Conference Record, статья № 4774607, pp. 1158-1161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649240611&doi=10.1109/2fNSSMIC.2008.4774607&partnerID=40&md5=97403a5985b3aa87884c64a4b27a20cc
	Kuznichenko, A.V., Onyshchenko, G.M. , Pilipenko, V.V., Burtebaev, N., Zhurynbaeva, G.S.	Analysis of elastic and inelastic $\alpha + 24\text{Mg}$ scattering within the S matrix model involving regge poles (2007) Physics of Atomic Nuclei, 70 (6), pp. 1036-1046.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547258594&doi=10.1134/2fIS1063778807060063&partnerID=40&md5=70ccfc5218a73d60364509163cfd8b1
	Grinyov, B.V., Ryzhikov, V.D., Opolonin, A.D., Volkov, V.G., Lysetska, E.K., Onyshchenko, G.M. , Tretyak, S.E., Botsman, V.I., Evseev, V.R., Pashko, P.V.	Studies of sensitivity of the transport radiation monitoring system to gamma-emitters (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (4), pp. 319-326.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249656912&doi=10.1615/2fTelecomRadEng.v65.i4.40&partnerID=40&md5=63e188f20829423ccad6be12f1e1c18a
	Onyshchenko, G.M. , Nagornaya, L.L., Bondar, V.G., Borodenko, Y., Zelenskaya, O.V., Pirogov, E.N., Ryzhikov, V.D.	Comparative light yield measurements of oxide and alkali halide scintillators (2005) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 537 (1-2 SPEC. ISS.), pp. 394-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11344250456&doi=10.1016/j.nima.2004.08.050&partnerID=40&md5=bbf8cef57f316c7910bebb81278f40f8
	Nagornaya, L., Onyshchenko, G. , Pirogov, E., Starzhinskiy, N., Tupitsyna, I., Ryzhikov, V., Galich, Y., Vostretsov, Y., Galkin, S., Voronkin, E.	Production of the high-quality CdWO 4 single crystals for application in CT and radiometric monitoring (2005) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 537 (1-2 SPEC. ISS.), pp. 163-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19944428082&doi=10.1016/j.nima.2004.07.258&partnerID=40&md5=a3c7fa6fd1d35ec6fc706115bfd5069
	Ryzhikov, V.D., Grinev, B.V., Pirogov, E.N., Onyshchenko, G.M. , Ivanov, A.I., Bondar, V.G., Katrunov, K.A., Kostyukovich, S.A.	Use of gadolinium oxyorthosilicate scintillators in x-ray radiometers (2005) Optical Engineering, 44 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544274128&doi=10.1117/2f1.1829713&partnerID=40&md5=03e2c17e507f1bf7ffcf5be6981058ac
	Kuznichenko, A.V., Pilipenko, V.V., Onyshchenko, G.M. , Demianova, A.S., Burtebaev, N.	Refraction effects in $16\text{O} + 16\text{O}$ scattering at energy of 124-1120 MeV and S-matrix model with Regge poles (2003) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 67 (5), pp. 704-710.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038824597&partnerID=40&md5=850866fe506c104f22345159a11d1ad3
140.	Tanatarov, I.V. , Zaslavskii, O.B.	Bañados-Silk-West effect with nongeodesic particles: Nonextremal horizons (2014) Physical Review D - Particles, Fields, Gravitation and Cosmology, 90 (6), статья № 067502, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908432699&doi=10.1103/2fPhysRevD.90.067502&partnerID=40&md5=2993a3973313999d077069e662ce5d64
	Tanatarov, I.V. , Zaslavskii, O.B.	What happens to Petrov classification, on horizons of axisymmetric dirty black holes (2014) Journal of Mathematical Physics, 55 (2), статья № 022502, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902276781&doi=10.1063/2f1.4865995&partnerID=40&md5=69f037763c365063327f38d4b07157d7
	Tanatarov, I.V. , Zaslavskii, O.B.	Bañados-Silk-West effect with nongeodesic particles: Extremal horizons (2013) Physical Review D - Particles, Fields, Gravitation and Cosmology, 88 (6), статья № 064036, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885012158&doi=10.1103/2fPhysRevD.88.064036&partnerID=40&md5=320b255972011fdb2c69f53057baabd4
	Tanatarov, I.V. , Zaslavskii, O.B.	Dirty rotating black holes: Regularity conditions on stationary horizons (2012) Physical Review D - Particles, Fields, Gravitation and Cosmology, 86 (4), статья № 044019, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865094385&doi=10.1103/2fPhysRevD.86.044019&partnerID=40&md5=72524ef107c0d7354dac128f016e9af6
	Tanatarov, I.V. , Adamenko, I.N., Nemchenko, K.E., Wyatt, A.F.G.	Phonons, rotons and ripplons at interfaces (2012) Problems of Atomic Science and Technology, (1), pp. 260-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857726968&partnerID=40&md5=b75b3c91c87805e6076d1dc1c65d3221
	Tanatarov, L.V. , Tanatarov, I.V.	On the role of ascending diffusion of a gas flowing into the drift (2011) Technical Physics, 56 (12), pp. 1761-1767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82955195044&doi=10.1134/2fIS1063784211120152&partnerID=40&md5=2c484c711c53484e9c566f39af92007f
	Tanatarov, L.V., Tanatarov, I.V.	Martensitic transitions under irradiation (2011) Metallofizika i Noveishie Tekhnologii, 33 (11), pp. 1447-1462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857094816&partnerID=40&md5=13a8760fb9bb9f0124e5191a1be9e31a
	Tanatarov, I.V. , Adamenko, I.N., Nemchenko, K.E., Wyatt, A.G.	A new ripplon branch in He II (2010) Low Temperature Physics, 36 (7), статья № 003007LTP, pp. 582-589.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956829310&doi=10.1063/2f1.3479212&partnerID=40&md5=6af957addf3003e4b29d9d70d558244

	Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E., Wyatt, A.F.G.	A new ripplon branch in He II (2010) Fizika Nizkikh Temperatur (Kharkov), 36 (7), pp. 731-739.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952769412&partnerID=40&md5=85d307b68f81ad15023ddfd9d5ba86f
	Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E., Wyatt, A.F.G.	Interactions of phonons and rotons with interfaces in superfluid helium (2010) Journal of Low Temperature Physics, 159 (5-6), pp. 549-575.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952241855&doi=10.1007%2f10909-010-0165-8&partnerID=40&md5=8ca4f32134fa0c0949f3af921c20e81
	Tanatarov, L.V., Tanatarov, I.V., Soroka, O.O.	On some probabilistic problems of radiation materials science (2009) Metallofizika i Noveishie Tekhnologii, 31 (7), pp. 947-962.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952655861&partnerID=40&md5=a28879f54a8368e28770a6e49caf407f
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V.	Rotons and the dispersion of ripplons of He II (2009) Journal of Physics: Conference Series, 150 (3), статья № 032107, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952469255&doi=10.1088%2f1742-6596%2f150%2f3%2f032107&partnerID=40&md5=f831e0878b60735df6a7bc3a081a9dbf
	Tanatarov, L.V., Tanatarov, I.V.	About new phase growth in supersaturated solid solution in restricted volume (2008) Problems of Atomic Science and Technology, (1), pp. 96-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549237822&partnerID=40&md5=83a6c80e599d2b82831ba9359ff593a0
	Tanatarov, L.V., Tanatarov, I.V., Soroka, O.O.	About two-temperature flashes in metal (2008) Metallofizika i Noveishie Tekhnologii, 30 (3), pp. 321-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49649118215&partnerID=40&md5=e90f4566a0afdfcde2c230bccad343ea
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V., Wyatt, A.F.G.	Pressure of thermal excitations in superfluid helium (2008) Journal of Physics Condensed Matter, 20 (24), статья № 245103, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44649196566&doi=10.1088%2f0953-8984%2f20%2f24%2f245103&partnerID=40&md5=23223311afb665049a46d1314fbbbed6
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V.	Transmission and reflection of phonons and rotons at the superfluid helium-solid interface (2008) Physical Review B - Condensed Matter and Materials Physics, 77 (17), статья № 174510, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43949124858&doi=10.1103%2fPhysRevB.77.174510&partnerID=40&md5=915dbb2f26ad32810a058e2400a38b90
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V.	Transmission of phonons with anomalous dispersion through the interface of two continuous media (2006) Journal of Low Temperature Physics, 144 (1-3), pp. 13-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751518618&doi=10.1007%2f10909-006-9224-6&partnerID=40&md5=691b3cda6c466a101a8f2a546905abdd
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V.	Normal transmission of phonons with anomalous dispersion through the interface of two continuous media (2006) Low Temperature Physics, 32 (3), pp. 187-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745569048&doi=10.1063%2f1.2178427&partnerID=40&md5=8896cd3b755528061805d1fad3573990
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V.	Normal transmission of phonons with anomalous dispersion through the interface of two continuous media (2006) Fizika Nizkikh Temperatur (Kharkov), 32 (3), pp. 255-268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645975477&partnerID=40&md5=713909bf3f49dbcbba61bcc212bea1b9
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V.	Energy transfer through the interface into a quantum fluid with nonlinear dispersion relation (2005) Journal of Low Temperature Physics, 138 (1-2), pp. 397-402.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23944525614&doi=10.1007%2f10909-005-1584-9&partnerID=40&md5=ea8d23f63ea3db7c366ede8f656d86db
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V.	The density of energy flow of quasiparticles with arbitrary energy-momentum relation (2005) Journal of Molecular Liquids, 120 (1-3), pp. 167-169.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144389091&doi=10.1016%2fj.molliq.2004.07.062&partnerID=40&md5=360d2e36c5214ccf0256790c08ffbcd
	Adamenko, I.N., Nemchenko, K.E., Tanatarov, I.V.	Application of the theory of continuous media to the description of thermal excitations in superfluid helium (2003) Physical Review B - Condensed Matter and Materials Physics, 67 (10), статья № 104513, pp. 1045131-1045139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038755042&partnerID=40&md5=799e89d74f0c68778d7fbb479a8406b
141.	Shevchenko, V.G., Belskaya, I.N., Muinonen, K., Penttilä, A., Krugly, Y.N., Velichko, F.P., Chiorny, V.G., Slyusarev, I.G., Gaftonyuk, N.M., Tereschenko, I.A.	Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system (2016) Planetary and Space Science, 123, pp. 101-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960269613&doi=10.1016%2fj.pss.2015.11.007&partnerID=40&md5=54a1007c563c67befb5dfbbe87a81f41
	Pravec, P., Scheirich, P., Kušnirák, P., Hornoch, K., Galád, A., Naidu, S.P., Pray, D.P., Világi, J., Gajdoš, Š., Kornoš, L., Krugly, Y.N., Cooney, W.R., Gross, J., Terrell, D., Gaftonyuk, N., Pollock, J., Husárik, M., Chiorny, V., Stephens, R.D., Durkee, R., Reddy, V., Dyvig, R., Vrástil, J., Žizka, J., Mottola, S., Hellmich, S., Oey, J., Benishek, V., Kryszczyńska, A., Higgins, D., Ries, J., Marchis, F., Baek, M., Macomber, B., Inasaridze, R., Kvaratskhelia, O., Ayvazian, V., Romyantsev, V., Masi, G., Colas, F., Lecacheux, J., Montaigne, R., Leroy, A., Brown, P., Krzeminski, Z., Molotov, I., Reichart, D., Haislip, J., LaCluyze, A.	Binary asteroid population. 3. Secondary rotations and elongations (2016) Icarus, 267, pp. 267-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952930541&doi=10.1016%2fj.icarus.2015.12.019&partnerID=40&md5=399e961ea86c63e471bf71810aef842
	Pravec, P., Scheirich, P., Vokrouhlický, D., Harris, A.W., Kušnirák, P., Hornoch, K., Pray, D.P., Higgins, D., Galád, A., Világi, J., Gajdoš, Š., Kornoš, L., Oey, J., Husárik, M., Cooney, W.R., Gross, J., Terrell, D., Durkee, R., Pollock, J., Reichart, D.E., Ivarsen, K., Haislip, J., LaCluyze, A., Krugly, Y.N., Gaftonyuk, N., Stephens, R.D., Dyvig, R., Reddy, V., Chiorny, V., Vaduvescu, O., Longa-Peña, P., Tudorica, A., Warner, B.D., Masi, G., Brinsfield, J., Gonçalves, R., Brown, P., Krzeminski, Z., Gerashchenko, O., Shevchenko, V., Molotov, I., Marchis, F.	Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries (2012) Icarus, 218 (1), pp. 125-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855819847&doi=10.1016%2fj.icarus.2011.11.026&partnerID=40&md5=bf4f32e74a24ef6bc86609be25a9276f
	Shevchenko, V.G., Belskaya, I.N., Slyusarev, I.G., Krugly, Y., Chiorny, V.G., Gaftonyuk, N.M., Donchev, Z., Ivanova, V., Ibrahimov, M.A., Ehgamberdiev, S., Molotov, I.E.	Opposition effect of Trojan asteroids (2012) Icarus, 217 (1), pp. 202-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82355186549&doi=10.1016%2fj.icarus.2011.11.001&partnerID=40&md5=2a1e0397d131b440f515a73812943dfe
	Chiorny, V., Galád, A., Pravec, P., Kušnirák, P., Hornoch, K., Gajdoš, Š., Kornoš, L., Világi, J., Husárik, M., Kaňuchová, Z., Křišandová, Z., Higgins, D., Pray, D.P., Durkee, R., Dyvig, R., Reddy, V., Oey, J., Marchis, F., Stephens, R.D.	Absolute photometry of small main-belt asteroids in 20072009 (2011) Planetary and Space Science, 59 (13), pp. 1482-1489.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052853548&doi=10.1016%2fj.pss.2011.06.005&partnerID=40&md5=bdae5126df1796915f9abae9e37c11d2
	Shevchenko, V.G., Tungalag, N., Chiorny, V.G., Gaftonyuk, N.M., Krugly, Y.N., Harris, A.W., Young, J.W.	CCD-photometry and pole coordinates for eight asteroids (2009) Planetary and Space Science, 57 (12), pp. 1514-1520.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70149096403&doi=10.1016%2fj.pss.2009.08.001&partnerID=40&md5=6ebff5d1f99b8aa89146f735aa7aa8c

	Durech, J., Vokrouhlický, D., Kaasalainen, M., Higgins, D., Krugly, Yu.N., Gaftonyuk, N.M., Shevchenko, V.G., Chiorny, V.G. , Hamanowa, H., Hamanowa, H., Reddy, V., Dyvig, R.R.	Detection of the YORP effect in asteroid (1620) Geographos (2008) Astronomy and Astrophysics, 489 (2), pp. L25-L28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52949129514&doi=10.1051%2f0004-6361%3a200810672&partnerID=40&md5=66522a5c6cc85bd7d784f5b95d07d66c
	Pravec, P., Harris, A.W., Vokrouhlický, D., Warner, B.D., Kušnirák, P., Hornoch, K., Pray, D.P., Higgins, D., Oey, J., Galád, A., Gajdoš, S., Kornoš, L., Világi, J., Husárik, M., Krugly, Yu.N., Shevchenko, V., Chiorny, V. , Gaftonyuk, N., Cooney Jr., W.R., Gross, J., Terrell, D., Stephens, R.D., Dyvig, R., Reddy, V., Ries, J.G., Colas, F., Lecacheux, J., Durkee, R., Masí, G., Koff, R.A., Goncalves, R.	Spin rate distribution of small asteroids (2008) Icarus, 197 (2), pp. 497-504.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51949114676&doi=10.1016%2fj.icarus.2008.05.012&partnerID=40&md5=8e0d5a5e436c8e00f57efb67ef055b43
	Shevchenko, V.G., Chiorny, V.G. , Gaftonyuk, N.M., Krugly, Y.N., Belskaya, I.N., Tereshchenko, I.A., Velichko, F.P.	Asteroid observations at low phase angles. III. Brightness behavior of dark asteroids (2008) Icarus, 196 (2), pp. 601-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47149088825&doi=10.1016%2fj.icarus.2008.03.015&partnerID=40&md5=304acedcfd51fda1499fb2f88d769a23
	Chiorny, V.G. , Shevchenko, V.G., Krugly, Yu.N., Velichko, F.P., Gaftonyuk, N.M.	Photometry of asteroids: Lightcurves of 24 asteroids obtained in 1993-2005 (2007) Planetary and Space Science, 55 (7-8), pp. 986-997.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247542100&doi=10.1016%2fj.pss.2007.01.001&partnerID=40&md5=538c7dbccbb1fa38d9163c084201f348
	Krugly, Yu.N., Gaftonyuk, N.M., Belskaya, I.N., Chiorny, V.G. , Shevchenko, V.G., Velichko, F.P., Lupishko, D.F., Konovalenko, A.A., Falkovich, I.S., Molotov, I.E.	Kharkiv study of near-Earth asteroids (2006) Proceedings of the International Astronomical Union, 2 (S236), pp. 385-390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37049002618&doi=10.1017%2fS174392130700347X&partnerID=40&md5=57ae0d5476ed8ae9193c298f0d3f2f8e
	Kaasalainen, M., Pravec, P., Krugly, Y.N., Šarounová, L., Torppa, J., Virtanen, J., Kaasalainen, S., Erikson, A., Nathues, A., Durech, J., Wolf, M., Lagerros, J.S.V., Lindgren, M., Lagerkvist, C.-I., Koff, R., Davies, J., Mann, R., Kušnirák, P., Gaftonyuk, N.M., Shevchenko, V.G., Chiorny, V.G. , Belskaya, I.N.	Photometry and models of eight near-Earth asteroids (2004) Icarus, 167 (1), pp. 178-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642502482&doi=10.1016%2fj.icarus.2003.09.012&partnerID=40&md5=867f466fcf33a3e3da11485a07a64ba6
	Shevchenko, V.G., Krugly, Yu.N., Chiorny, V.G. , Belskaya, I.N., Gaftonyuk, N.M.	Rotation and photometric properties of E-type asteroids (2003) Planetary and Space Science, 51 (9-10), pp. 525-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037698168&doi=10.1016%2fS0032-0633%2803%2900076-X&partnerID=40&md5=73acc305b5b219be3ad8c6ac9b4148d3
	Krugly, Yu.N., Belskaya, I.N., Shevchenko, V.G., Chiorny, V.G. , Velichko, F.P., Mottola, S., Erikson, A., Hahn, G., Nathues, A., Neukum, G., Gaftonyuk, N.M., Dotto, E.	The near-Earth objects follow-up program. IV. CCD photometry 1996-1999 (2002) Icarus, 158 (2), pp. 294-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036696762&doi=10.1006%2fjcar.2002.6884&partnerID=40&md5=efbf3b3250cf2b6b80c1d1489184707c4
	Krugly, Yu.N., Belskaya, I.N., Chiorny, V.G. , Shevchenko, V.G., Gaftonyuk, N.M.	CCD photometry of near-earth asteroids in 2001 (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 903-906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664495&partnerID=40&md5=3825e108904a7a95db910622481c53c2
	Belskaya, I.N., Shevchenko, V.G., Efimov, Yu.S., Shakhovskoj, N.M., Shkuratov, Yu.G., Gaftonyuk, N.M., Gil-Hutton, R., Krugly, Yu.N., Chiorny, V.G.	Opposition polarimetry and photometry of the low albedo asteroid 419 Aurelia (2002) European Space Agency, (Special Publication) ESA SP, (500), pp. 489-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036664681&partnerID=40&md5=b81c4cffa9f9ba0e0f5056bf257d899
	Pravec, P., Šarounová, L., Rabinowitz, D.L., Hicks, M.D., Wolf, M., Krugly, Y.N., Velichko, F.P., Shevchenko, V.G., Chiorny, V.G. , Gaftonyuk, N.M., Geneviev, G.	Two-Period Lightcurves of 1996 FG3, 1998 PG, and (5407) 1992 AX: One Probable and Two Possible Binary Asteroids (2000) Icarus, 146 (1), pp. 190-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000027081&doi=10.1006%2fjcar.2000.6375&partnerID=40&md5=c73830af3d9c7d0de381ba303617c455
	Lagerkvist, C.-I., Belskaya, I., Erikson, A., Shevchenko, V., Mottola, S., Chiorny, V. , Magnusson, P., Nathues, A., Piironen, J.	Physical studies of asteroids: XXXIII. The spin rate of M-type asteroids (1998) Astronomy and Astrophysics Supplement Series, 131 (1), pp. 55-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24844443710&partnerID=40&md5=388f02492cf5b58b917c0c5421ee89e
	Shevchenko, V.G., Belskaya, I.N., Chiorny, V.G. , Piironen, J., Erikson, A., Neukum, G., Mohamed, R.	Asteroid observations at low phase angles. I. 50 Virginia, 91 Aegina and 102 Miriam (1997) Planetary and Space Science, 45 (12), pp. 1615-1623.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000437121&partnerID=40&md5=581fcd8564a113414d9ea7fc2bae0cb1
	Shevchenko, V.G., Chiorny, V.G.	Magnitude-phase dependences for three asteroids (1996) Astronomy and Astrophysics Supplement Series, 115 (3), pp. 475-479.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012457524&partnerID=40&md5=a3ae217d3976671ce74fc0686246d73d
	Magnusson, P., Dahlgren, M., Barucci, M.A., Jorda, L., Binzel, R.P., Slivan, S.M., Blanco, C., Riccioli, D., Buratti, B.J., Colas, F., Berthier, J., De Angelis, G., Di Martino, M., Dotto, E., Drummond, J.D., Fink, U., Hicks, M., Grundy, W., Wisniewski, W., Gaftonyuk, N.M., Geyer, E.H., Bauer, T., Hoffmann, M., Ivanova, V., Komitov, B., Donchev, Z., Denchev, P., Krugly, Yu.N., Velichko, F.P., Chiorny, V.G. , Lupishko, D.F., Shevchenko, V.G., Kwiatkowski, T., Kryszczyńska, A., Lahulla, J.F., Licandro, J., Mendez, O., Mottola, S., Erikson, A., Ostro, S.J., Pravec, P., Pych, W., Tholen, D.J., Whiteley, R., Wild, W.J., Wolf, M., Šarounová, L.	Photometric observations and modeling of asteroid 1620 Geographos (1996) Icarus, 123 (1), pp. 227-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16144366535&doi=10.1006%2fjcar.1996.0151&partnerID=40&md5=6cdedfd3e9ae04a7631d076ed29f5f3c
142.	Shyshkin, O.A., Kazarinov, Y.G. , Tallouli, M., Famakinwa, T., Yamaguchi, S.	Inverse Problem Solution Algorithms for Current Density Distribution Calculation in Different HTS Tape Configurations Basing on Minimum Self-Magnetic Field Measurements (2016) IEEE Transactions on Applied Superconductivity, 26 (3), статья № 7390036.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962144496&doi=10.1109%2fTASC.2016.2521169&partnerID=40&md5=4fd9e97a3a3766e045f3e23449e85c4
	Bozbiei, L., Borts, B., Kazarinov, Y. , Kostikov, A., Tkachenko, V.	Experimental study of liquid movement in free elementary convective cells [Eksperimentinis skysčio judėjimo laisvoje elementariosioje konvektyjos ląstelės tyrimas] (2015) Energetika, 61 (2), pp. 45-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942936438&doi=10.6001%2fenergetika.v6i12.3132&partnerID=40&md5=d6ecaadd37b60ebff3e0f41ce0e72ae2
	Misyura, I.M., Girka, I.O., Gritsyna, V.T., Kazarinov, Y.G.	Changes in the composition and optical properties of Cu and Cu ₂ O nanofilms deposited on SiO ₂ substrates after annealing and bombardment by argon and hydrogen ions (2014) Journal of Surface Investigation, 8 (6), pp. 1339-1344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914159564&doi=10.1134%2fS1027451014040405&partnerID=40&md5=6d2da510be6d9dfca500077e0e8b62f4
	Kutovoy, V.A., Kazarinov, Y.G. , Luzenko, A.S., Nikolaenko, A.A., Tkachenko, V.I.	Thermal vacuum process for production of special purpose nanodispersed materials (2014) Problems of Atomic Science and Technology, 90 (2), pp. 153-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940281002&partnerID=40&md5=dd94775051ea0102277120578de19ef0
	Borts, B.V., Kazarinov, Y.G. , Neklyudov, I.M., Sirenko, S.A., Skoronnaya, S.F., Tkachenko, V.I.	Experimental study of water (Micro) droplet formation from its saturated solution in supercritical carbon dioxide (2014) Russian Journal of Physical Chemistry B, 8 (7), pp. 932-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921833105&doi=10.1134%2fS1990793114070069&partnerID=40&md5=9255b9b95f63f59062a40cd49f5f4763

	Buki, A.Y., Gokov, S.P., Kazarinov, Y.G. , Kalenik, S.A., Kasilov, V.I., Kochetov, S.S., Makhnenko, P.L., Mel'nitskiy, I.V., Tverdohvalov, A.V., Tsyatsko, V.V., Shopen, O.A.	Investigation of processes of interaction relativistic electrons with the solutions of organic dyes (2014) Problems of Atomic Science and Technology, 93 (5), pp. 98-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907964013&partnerID=40&md5=0301c5962efb240277c5554394480f57
	Gritsyna, V., Kazarinov, Y. , Moskvitin, A.	Radio-luminescence of defects and impurity ions in magnesium aluminates spinel crystals (2013) Solid State Phenomena, 200, pp. 203-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876521667&doi=10.4028%2Fwww.scientific.net%2FISPP.200.203&partnerID=40&md5=3d1456c04585d3658ea03ecb14f4cfd
	Gritsyna, V.T., Kazarinov, Y.G. , Moskvitin, A.O.	Radio-luminescence of defects and impurity ions in magnesium aluminates spinel (2012) International Conference on Oxide Materials for Electronic Engineering, OMEE 2012, статья № 6464809, pp. 153-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881628980&doi=10.1109%2FOMEE.2012.6464809&partnerID=40&md5=d7ac7c8d74111461bf9312b38c4593c
	Tyutyunik, O.K., Moskvitin, A.O., Kazarinov, Y.G. , Gritsyna, V.T.	Radioluminescence mechanism of magnesium aluminate spinel transparent ceramics (2010) Functional Materials, 17 (1), pp. 41-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888247641&partnerID=40&md5=d3476f6cf392277a9e5dc6aa997dcb79
	Gritsyna, V.T., Kazarinov, Y.G. , Moskvitin, A.A., Reimanis, I.E.	Radiation induced optical centers in magnesium aluminate spinel ceramics (2010) Problems of Atomic Science and Technology, (1), pp. 28-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149387979&partnerID=40&md5=6313b5d02184752d0d93a0b21f737a
	Gritsyna, V.T., Yu, G.K., Moskvitin, A.O., Reimanis, I.E. Kazarinov, Y.G.	Point defects in magnesium aluminates spinel ceramics doped with lithium fluoride (2010) Acta Physica Polonica A, 117 (1), pp. 161-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77749279419&partnerID=40&md5=cb8098bc735b13f5e5e257605b65d56
	Gokov, S.P., Gritsyna, V.T., Kochetov, S.S., Kasilov, V.I., Kazarinov, Y.G.	Defects formation in spinel crystals under electron and gamma beam irradiation (2009) Problems of Atomic Science and Technology, (2), pp. 43-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549232298&partnerID=40&md5=a3e1c1b39ed66b0cbe70511073bce021
	Gokov, S.P., Gritsyna, V.T., Kasilov, V.I., Kochetov, S.S., Kazarinov, Y.G.	Efficiency of defects formation in spinel under high energy electron and gamma beam irradiation (2009) Problems of Atomic Science and Technology, (5), pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549248178&partnerID=40&md5=93847bf3a3d7b28ccbd3072ab2e4ac
	Gritsyna, V.T., Afanasyev-Charkin, I.V., Kazarinov, Yu.G. , Sickafus, K.E.	Optical properties of magnesium aluminate spinel crystals implanted with helium ions (2006) Vacuum, 81 (2), pp. 174-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748596611&doi=10.1016%2Fj.vacuum.2006.03.015&partnerID=40&md5=be7d3d449743acd4075b8957020b2b
	Gritsyna, V.T., Kazarinov, Yu.G.	Thermal stability of radiation-induced optical centers in non-stoichiometric spinel crystals (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 250 (1-2 SPEC. ISS.), pp. 349-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746486388&doi=10.1016%2Fj.nimb.2006.04.136&partnerID=40&md5=c9b1e3f0c3129af4172c429845dfdbb1
	Gritsyna, V.T., Kazarinov, Yu.G. , Kobayakov, V.A., Reimanis, I.E.	Radiation-induced luminescence in magnesium aluminate spinel crystals and ceramics (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 250 (1-2 SPEC. ISS.), pp. 342-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746291273&doi=10.1016%2Fj.nimb.2006.04.135&partnerID=40&md5=84d1abebc93cafc3fba084576766a362
	Gritsyna, V.T., Afanasyev-Charkin, I.V., Kazarinov, Yu.G. , Sickafus, K.E.	Optical transitions in magnesium aluminate spinel crystals of different compositions exposed to irradiation (2004) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 218 (1-4), pp. 264-270.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342466753&doi=10.1016%2Fj.nimb.2004.02.002&partnerID=40&md5=ceed3c33183ae441db759361e07d83
	Gritsyna, V.T., Kazarinov, Yu.G. , Kobayakov, V.A., Sickafus	X-ray luminescence of defects in spinel single crystals (2004) Journal of Applied Spectroscopy, 71 (3), pp. 395-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4444321442&doi=10.1023%2FB%3aJAPS.0000039967.60903.09&partnerID=40&md5=77dae389f7f8093649e094faec38767
	Gritsyna, V.T., Kazarinov, Y.G. , Kobayakov, V.A., Sickafus, K.E.	The origin of radiation resistance of magnesium aluminate spinel (2003) Materials Research Society Symposium - Proceedings, 792, pp. 117-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442455660&partnerID=40&md5=9985630b010ad9cc4ac2d3181d306f2f
	Gritsyna, V.T., Kazarinov, Yu.G. , Kobayakov, V.A., Sickafus, K.E.	Defects and radiation induced electronic processes in magnesium aluminate spinel of different compositions (2002) Radiation Effects and Defects in Solids, 157 (6-12), pp. 659-663.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342636471&doi=10.1080%2F01402150215784&partnerID=40&md5=a8e8416a31f3fcbdbd4272a178e5853
	Gritsyna, V.T., Afanas'ev-Charkin, I.V., Kazarinov, Yu.G. , Sickafus, K.E.	Properties of surface layer in spinel crystals bombardment with ions (2002) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 66 (1), pp. 103-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749103268&partnerID=40&md5=bfc3c3feb5ba4e2b5386f725cee74a00
143.	Khoroshun, V.V. , Syvozalizin, N.A.	Modeling of random UWB signals and its characteristics in information systems (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379816, pp. 315-316.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872260027&doi=10.1109%2FUWBUSIS.2012.6379816&partnerID=40&md5=04801d81e1551cc38341454576f0d151
	Khoroshun, V.V. , Syvozalizin, N.A.	Modeling of random UWB signals and its characteristics in information systems (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379792, pp. 238-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872228075&doi=10.1109%2FUWBUSIS.2012.6379792&partnerID=40&md5=189b80ea104080b5ebf6a5dc50bcc0dc
	Khoroshun, V.V.	Mathematical models of rigorous diffraction theory and signals theory (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609171, pp. 111-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650117903&doi=10.1109%2FUWBUSIS.2010.5609171&partnerID=40&md5=bfbf82d765a174499615de3c9b6edb24
	Khoroshun, V.V. , Syvozalizin, N.A.	On the development of efficient computational algorithm for transmission lines (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425142, pp. 155-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849135292&doi=10.1109%2FICATT.2007.4425142&partnerID=40&md5=3a2a35fc714cb3fab083c0eb9e82279b
	Khoroshun, V.V.	The riemann-hilbert problem method in the theory of electromagnetic wave diffraction by periodic structures (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, статья № 1497003, pp. 424-426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745443747&doi=10.1109%2FICATT.2005.1497003&partnerID=40&md5=20e4a738c126dd704349021c2c114a38
	Litvinov, A.V., Zvyagintsev, A.A., Khoroshun, V.V.	The comparative analysis of the method of riemann-hilbert problem variants concerning the wave beam diffraction problem on gratings (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, статья № 1553869, pp. 230-233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845494263&doi=10.1109%2FCAOL.2005.1553869&partnerID=40&md5=a9a563bc2aa5367c543629503d8b59b6
	Khoroshun, V.V. , Syvozalizin, N.A.	On the designing of effective calculation algorithm for shielded multiconductor transmission lines (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 566-568.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344294329&partnerID=40&md5=48f901e10b1597bc1586d0e5fffdad0b
	Litvinov, A.V., Zvyagintsev, A.A., Khoroshun, V.V.	The mathematical models of problem about wave beams diffraction on a plane metallic grating (2004) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 519-521.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344284054&partnerID=40&md5=a16432b8e482cf02209a05e8ca2eced
	Litvinov, A.V., Zvyagintsev, A.A., Khoroshun, V.V.	The mathematical models of problem about wave beams diffraction on a plane metallic grating (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 309-311.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244443832&partnerID=40&md5=e6698ef39ce150af9077e9322d8be7b
	Avgust, I.V., Syvozalizin, M.A., Khoroshun, V.V.	Calculation algorithm for shielded microstrip-, slot-, and micro-coplanar strip lines with finite strip thickness (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, статья № 1238848, pp. 726-728.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344295956&doi=10.1109%2FICATT.2003.1238848&partnerID=40&md5=2090604e9f71a4bf8c622e8f1cef7ad0
	Bezougly, A.V., Khoroshun, V.V.	Electromagnetic wave diffraction by a grating of gyrotropic circular cylinders (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 57 (5), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044469528&partnerID=40&md5=39a645ef20d9af29229a0fd585a2bf93
	Gandel, Y.V., Khoroshun, V.V.	Mathematical models of electromagnetic wave scattering by two-element strip grating with a perpendicularly magnetized gyrotropic medium (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, статья № 1106949, pp. 429-431.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13344261894&doi=10.1109%2FMMET.2002.1106949&partnerID=40&md5=5fc0bd0d796d35ef2280119a775153408

	Bezuglyi, L.V., Khoroshun, V.V.	On the scattering of electromagnetic waves by the infinite grating of thin dielectric strips (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, статья № 946775, pp. 181-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8496668505&doi=10.1109%2FMSMW.2001.946775&partnerID=40&md5=71075cd2f5e0b5beab331f53b2b1c0
	Tsvyk, A.I., Babich, S.V., Perepechay, M.P., Khoroshun, V.V.	Computer simulation of diffraction radiation on a metal-dielectric grating (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947240, pp. 586-588.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966559674&doi=10.1109%2FMSMW.2001.947240&partnerID=40&md5=153006d918f27b699f4083f6d54c635f
	Khoroshun, V.V.	On the modification of the method of the Riemann-Hilbert problem (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 772-774.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230889&partnerID=40&md5=a2f76f3b1a31ee32b939fd87f7090b
	Khoroshun, V.V.	Modification of the Riemann-Hilbert method for the case of oblique incidence of a plane electromagnetic wave on a strip-type array (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 13-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844432627&partnerID=40&md5=bd4d1d62d5f271eff6eed8a091c60ca3
	Syvozalizov, N.A., Khoroshun, V.V.	Analysis of the dispersion characteristics of shielded microstrip line (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, p. 828.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230545&partnerID=40&md5=c056da1b310abeb33198e194fc18edd6
	Khoroshun, V.V.	Optimization of the spectral characteristics of strip-type arrays (1990) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 45 (3), pp. 131-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025389284&partnerID=40&md5=c465d556a0c61d853449472fa111a9cc
	Lyapunov, N.V., Sivozalizov, N.A., Khoroshun, V.V.	Method of optimizing the parameters of a step function which approximates a sinusoidal signal (1988) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 43 (4), pp. 97-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023993790&partnerID=40&md5=51dda648afdc6765e202237d2166b18
	Khoroshun, V.V.	Diffraction of electromagnetic waves by a tape metallic array in longitudinal remagnetized ferrite (1973) Radiophysics and Quantum Electronics, 13 (5), pp. 609-611.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250438176&doi=10.1007%2FBF01030703&partnerID=40&md5=9db6752f60fb9aad91c8a23f8b4b955d
	Khoroshun, V.V.	On the theory of generalized legendre polynomials (1971) Ukrainian Mathematical Journal, 23 (6), pp. 688-690.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250463809&doi=10.1007%2FBF01085099&partnerID=40&md5=cffa426f5c13ecfc7a5f2c7aad4d1690
144.	Salnitskaya, M.A., Pasiuga, V.N., Magda, I.Y., Yakovishin, L.A., Grishkovets, V.I., Shckorbatov, Y.G.	Effect of some triterpene glycosides applied in vitro on chromatin state in human cells (2014) Current Bioactive Compounds, 10 (1), pp. 37-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905667758&doi=10.2174%2F157340721001140725000118&partnerID=40&md5=d6a22196d89025b091706d21f28b4d30
	Shckorbatov, Y.G., Katrich, V.A., Pasiuga, V.A., Rudenko, A.O.	Cell response to electromagnetic field: Nuclear and membrane mechanisms (2013) Cell Response to Electromagnetic Field: Nuclear and Membrane Mechanisms, pp. 1-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892039069&partnerID=40&md5=e6435c8e49740f232f6029f64432aa
	Shckorbatov, Y.G., Kolchigin, N.N., Kazansky, O.V., Pasiuga, V.N.	Effects of ultra-wideband radiation on viability of human cells (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379758, pp. 137-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872234618&doi=10.1109%2FUWBUSIS.2012.6379758&partnerID=40&md5=df49ad98b00c9389e82a21c88cd2d478
	Posokhov, Y.O., Pasiuga, V.N., Shckorbatov, Y.G.	Method of fluorescent probes to monitor the changes in human erythrocyte membranes under the influence of magnetic or electromagnetic fields (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336264, pp. 956-957.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869769812&partnerID=40&md5=5736c01c25234c620ed97078147b3d1e
	Dumin, O.M., Dumina, O.O., Kolchigin, N.N., Ivanchenko, D.D., Shckorbatov, Y.G., Pasiuga, V.N.	Simulation of microwave exposure of human cells by electromagnetic field of EMF band (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, статья № 6170768, pp. 312-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859949714&doi=10.1109%2FICATT.2011.6170768&partnerID=40&md5=37f4e3ac7e953dc80d5960e3a6430b3f
	Shakina, L.A., Pasiuga, V.N., Dumin, O.M., Shckorbatov, Y.G.	Effects of microwaves on the puffing pattern of D. melanogaster (2011) Central European Journal of Biology, 6 (4), pp. 524-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956329572&doi=10.2478%2Fs11535-011-0032-x&partnerID=40&md5=eeef5b829151271dbbc30af00bbbeb4
	Shckorbatov, Y., Pasiuga, V., Kolchigin, N., Grabina, V., Ivanchenko, D., Bykov, V., Dumin, O.	Cell nucleus and membrane recovery after exposure to microwaves [Šānu kodolu un membrānu atjaunošanās pēc aprāstrādes ar mikroviļņiem] (2011) Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 65 (1-2), pp. 13-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054761374&doi=10.2478%2Fv10046-011-0013-5&partnerID=40&md5=27b8745889f3c98f32d459e00bec444
	Shckorbatov, Yu.G., Pasiuga, V.N., Grabina, V.A., Artemenchuk, O.V., Kolchigin, N.N., Bykov, V.N., Ivanchenko, D.D.	Changes in human cell membrane permeability after irradiation by microwaves with different elliptical polarization (2010) KpbiMuKo 2010 CrMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632943, pp. 1138-1139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650349741&partnerID=40&md5=a03661a26eb11a24bf594a4fe42bf16
	Shckorbatov, Y.G., Kolchigin, N.N., Grabina, V.A., Pasiuga, V.N.	Cellular effects of ultrawideband ultrashort pulsed radiation and microwave radiation exposure (2010) 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609084, pp. 34-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650077272&doi=10.1109%2FUWBUSIS.2010.5609084&partnerID=40&md5=b8eb9cba09f92fd7d7c1534518b00a6
	Shckorbatov, Y.G., Kolchigin, N.N., Pasiuga, V.N., Kazansky, O.V.	Biological effects of ultrawideband radiation (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609143, pp. 192-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650097772&doi=10.1109%2FUWBUSIS.2010.5609143&partnerID=40&md5=995c4480034814173cbe302e842352c2
	Shckorbatov, Y.G., Pasiuga, V.N., Goncharuk, E.I., Petrenko, T.P., Grabina, V.A., Kolchigin, N.N., Ivanchenko, D.D., Bykov, V.N., Dumin, O.M.	Effects of differently polarized microwave radiation on the microscopic structure of the nuclei in human fibroblasts (2010) Journal of Zhejiang University: Science B, 11 (10), pp. 801-805.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958018022&doi=10.1631%2Fjzus.B1000051&partnerID=40&md5=9c57142406aa14613067851dc3ebf0ef
	Shckorbatov, Y., Rudneva, I., Pasiuga, V., Grabina, V., Kolchigin, N., Ivanchenko, D., Kazanskiy, O., Shayda, V., Dumin, O.	Electromagnetic field effects on Artemia hatching and chromatin state (2010) Central European Journal of Biology, 5 (6), pp. 785-790.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957220065&doi=10.2478%2Fs11535-010-0063-8&partnerID=40&md5=5845d886dbc910402a9bf882e9c7da2a
	Shckorbatov, Y.G., Rudneva, I.I., Pasiuga, V.N., Kolchigin, N.N., Grabina, V.A., Ivanchenko, D.D., Kazanskiy, O.V., Shaida, V.G.	Hatching of eggs of artemia and change of chromatin state under the influence of electromagnetic fields (2009) KpbiMuKo 2009 CrMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292860, pp. 871-872.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949158709&partnerID=40&md5=e604f8b069f2201a7317c1f660ddcc04
	Shckorbatov, Y.G., Pasiuga, V.N., Kolchigin, N.N., Grabina, V.A., Batrakov, D.O., Kalashnikov, V.V., Ivanchenko, D.D., Bykov, V.N.	The influence of differently polarized microwave radiation on chromatin in human cells (2009) International Journal of Radiation Biology, 85 (4), pp. 322-329.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649206096&doi=10.1080%2F09553000902781113&partnerID=40&md5=50dd8a7a91141e92e69a75abe044c441
	Shckorbatov, Y., Pasiuga, V., Kolchigin, N., Batrakov, D., Kazansky, O., Kalashnikov, V.	Changes in the human nuclear chromatin induced by ultra wideband pulse irradiation (2009) Central European Journal of Biology, 4 (1), pp. 97-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59349089690&doi=10.2478%2Fs11535-008-0051-4&partnerID=40&md5=55437742d219c144e1d40c63164597a4
	Shckorbatov, Y.G., Kolchigin, N.N., Pasiuga, V.N., Kazansky, O.V.	Cell recovery from ultrawideband pulse irradiation (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, статья № 4669373, pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649221590&doi=10.1109%2FUWBUSIS.2008.4669373&partnerID=40&md5=411d5ff31830672ff0b1461a7e410217
	Shckorbatov, Y.G., Pasiuga, V.N., Grabina, V.A., Bykov, V.N., Ivanchenko, D.D.	The influence of circularly polarized microwave irradiation on properties of plasma membrane of human cells (2008) KpbiMuKo 2008 CrMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676619, pp. 829-830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049159211&doi=10.1109%2FCRMIC.2008.4676619&partnerID=40&md5=13b0b4aa264d95b7a2f68ed37cec76b

	Pasiuga, V.N. , Grabina, V.A., Bykov, V.N., Shkorbatov, Y.G.	Long-term effects of low-level microwave radiation on mutation frequency in <i>Drosophila</i> (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, статья № 4368942, pp. 783-784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149093057&doi=10.1109%2FICRMICO.2007.4368942&partnerID=40&md5=19ef683ec949e65be9194ec3339c10ce
	Shkorbatov, Y., Pasiuga, V. , Shakina, L., Grabina, V., Kolchigin, N., Ivanchenko, D., Kazansky, O., Bykov, V.	<i>Drosophila melanogaster</i> viability and mutability under the influence of low energy microwave monochromatic and ultra wideband impulse field (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425188, pp. 289-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849127731&doi=10.1109%2FICATT.2007.4425188&partnerID=40&md5=26dc8d67ed48fe2f9a61e6db519aac5f
	Shkorbatov, Y.G., Kolchigin, N.N., Grabina, V.A., Pasiuga, V.N. , Kazansky, O.V.	Cell effects of electromagnetic radiation (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 4099227, pp. 103-105.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249116915&doi=10.1109%2FUWBUSIS.2006.307169&partnerID=40&md5=9ce248cf4b1ceb59336f5d4346fb4cf5
	Batrakov, D.O., Shkorbatov, Y.G., Pasiuga, V.N. , Kazansky, O.V., Kolchigin, N.N.	The effects of short exposition to low-energy impulse irradiation on human cells (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 4099243, pp. 151-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249093583&doi=10.1109%2FUWBUSIS.2006.307185&partnerID=40&md5=5698569c0739ed604854333659dae48
145.	Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V., Penkin, D.Y.	Radiation fields of radial monopole array mounted on a perfectly conducting sphere (2015) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015- November, статья № 7324254, pp. 66-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959189117&doi=10.1109%2FDIPED.2015.7324254&partnerID=40&md5=073f8380439df37245cf784bd72f606
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M., Penkin, D.Y.	Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide (2015) IEEE Transactions on Antennas and Propagation, 63 (9), статья № 7150358, pp. 4256-4259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940995683&doi=10.1109%2FTAP.2015.2453015&partnerID=40&md5=64eaf349aa9b2d96b43f631ef28e5ad9
	Penkin, D.Y. , Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M., Berdnik, S.L.	Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere (2015) Progress In Electromagnetics Research B, 62 (1), pp. 137-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930668941&doi=10.2528%2FPIERB14120102&partnerID=40&md5=ba7becf649c348bb76a9e38a81154451
	Penkin, D.Yu. , Yatsuk, L.P.	Analysis of energy characteristics of the transversal slot in a wide wall of a rectangular waveguide with local dielectric inclusion (2014) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 73 (8), pp. 669-680.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8490128845&partnerID=40&md5=7373b7a8beed3e3eaa33e51ad9353e4d
	Penkin, D. , Janssen, G., Yarovoy, A.	Impact of a half-space interface on the wireless link between tiny sensor nodes (2014) Radio Science, 49 (9), pp. 798-811.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907900083&doi=10.1109%2FRS005365&partnerID=40&md5=47a9929a97ab183f028a2387198e5832
	Penkin, D. , Janssen, G., Yarovoy, A.	Source positioning in a large-scale tiny-sensor network of arbitrary topology (2014) Eurasip Journal on Advances in Signal Processing, 2014 (1), статья № 57, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901705053&doi=10.1186%2F1687-6180-2014-57&partnerID=40&md5=0488617f857d1c363ac3a1c2984a9fa
	Penkin, D.Yu. , Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kijko, V.I.	Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6653024, pp. 708-709.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891076715&partnerID=40&md5=ee20a643efdd83dde4c68ec3c5f881e
	Penkin, D.Y. , Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kijko, V.I.	Electromagnetic fields excitation by a multielement vibrator-slot structures in coupled electrodynamics volumes (2013) Progress In Electromagnetics Research B, (49), pp. 235-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875082569&partnerID=40&md5=ba3f243585e7f36f5b35f518db9b0a12
	Penkin, D.Y. , Katrich, V.A., Dakhov, V.M., Nesterenko, M.V., Berdnik, S.L.	Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650699, pp. 123-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898619557&doi=10.1109%2FICATT.2013.6650699&partnerID=40&md5=aa4df88f673770a07b91d49b1af313d6
	Penkin, D. , Janssen, G., Yarovoy, A.	Source node location estimation in large-scale wireless sensor networks (2012) European Microwave Week 2012: "Space for Microwaves", EuMW 2012, Conference Proceedings - 42nd European Microwave Conference, EuMC 2012, статья № 6459157, pp. 333-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874612239&partnerID=40&md5=2f0280eb1f040691224c288b9a8bc1ad
	Penkin, D. , Yarovoy, A., Janssen, G.	Surface impedance model for nano-scale device communications over an interface (2012) 2012 19th IEEE Symposium on Communications and Vehicular Technology in the Benelux, SCVT 2012, статья № 6399408, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872856130&doi=10.1109%2FISCVT.2012.6399408&partnerID=40&md5=6c8538d2bad21ff445b5249a9677bf83
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, D.Y. , Pshenichnaya, S.V.	Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379777, pp. 195-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872244934&doi=10.1109%2FUWBUSIS.2012.6379777&partnerID=40&md5=abf3124b662281ccd83702fe7587f2cd6
	Nesterenko, M.V., Katrich, V.A., Penkin, D.Y. , Berdnik, S.L., Kijko, V.I.	Electromagnetic waves scattering and radiation by vibrator-slot structure in a rectangular waveguide (2012) Progress In Electromagnetics Research M, 24, pp. 69-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859356712&partnerID=40&md5=b0189489d3e1b5160a23fb4d007dd0d
	Penkin, D.Yu. , Katrich, V.A., Nesterenko, M.V., Dakhov, V.M.	Input resistance of impedance monopole on spherical scatterer (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069070, pp. 596-597.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142449&partnerID=40&md5=1a067cb2c85a122e8816d28ec8edc560
	Penkin, D. , Yarovoy, A., Janssen, G.	The effective electrically small encapsulated antenna applied for communication between self-powered miniature devices (2011) Proceedings of the 5th European Conference on Antennas and Propagation, EUCAP 2011, статья № 5782397, pp. 3801-3803.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959634692&partnerID=40&md5=6637175cebd283d7c73f9328b367df45
	Penkin, D. , Janssen, G., Yarovoy, A.	Feasibility analysis of peer-to-peer microwave communications between self-powered miniature electronic devices (2011) Proceedings of the 5th European Conference on Antennas and Propagation, EUCAP 2011, статья № 5781727, pp. 122-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959645507&partnerID=40&md5=378024514888ea48f22f194a4fc0b7c7
	Penkin, D. , Janssen, G., Yarovoy, A.	Estimation of maximum communication distance between in-vivo miniature electronic implants (2011) 2011 5th International Symposium on Medical Information and Communication Technology, ISMICT 2011, статья № 5759791, pp. 33-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957512816&doi=10.1109%2FISMICT.2011.5759791&partnerID=40&md5=3d99c66fbccfb9f709c21013a7171aa
	Penkin, D.Yu. , Katrich, V.A., Nesterenko, M.V., Dakhov, V.M.	Current distribution in radial impedance monopole on spherical scatterer (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632476, pp. 583-584.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650398705&partnerID=40&md5=c4b6fa4cb45155de3b0a58981c78847b
	Penkin, D. , Yarovoy, A., Janssen, G.	A study on communication aspects of two-dimensional large-scale wireless sensor networks using percolation principles (2010) 2010 17th IEEE Symposium on Communications and Vehicular Technology in the Benelux, SCVT2010, статья № 5720460, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952843627&doi=10.1109%2FISCVT.2010.5720460&partnerID=40&md5=80fa7c24fbc32dcd412ae43d49e769
	Penkin, D.Yu. , Yatsuk, L.P.	The output performance of cross slot in rectangular waveguide with dielectric insertion of finite length (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW2010, статья № 5546200, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957358023&doi=10.1109%2FMSMW.2010.5546200&partnerID=40&md5=940732679a82c3097a9637548eac9953
	Nesterenko, M.V., Penkin, D.Y. , Katrich, V.A., Dakhov, V.M.	Equation solution for the current in radial impedance monopole on the perfectly conducting sphere (2010) Progress In Electromagnetics Research B, (19), pp. 95-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455130803&partnerID=40&md5=286fa4238ac9a3f51614f59f00a0320a
146.	Khotkevych, N.V., Vovk, N.R. , Kolesnichenko, Y.A.	The possibility of determining the spin-orbit interaction constants using scanning tunneling microscopy (2016) Low Temperature Physics, 42 (4), pp. 298-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968919941&doi=10.1063%2F1.4948444&partnerID=40&md5=2e7b49b8e6dd5db7397e523ce5f7f002b

	Khotkevych, N.V., Vovk, N.R. , Kolesnichenko, Y.A.	The possibility to determine a constant of spin-orbit interaction by scanning tunneling microscopy method (2016) Fizika Nizkikh Temperatur, 42 (4), pp. 387-397.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961782312&partnerID=40&md5=4b38ce49bd349bb874b8f54ef76a723
	Vovk, R.V., Khadzhai, G.Y., Dobrovolskiy, O.V., Vovk, N.R. , Nazyrov, Z.F.	Effect of defects on the basal-plane resistivity of YBa ₂ Cu ₃ O _{7-x} single crystals (2015) Journal of Materials Science: Materials in Electronics, 26 (3), pp. 1435-1440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925485954&doi=10.1007%2f10854-014-2558-y&partnerID=40&md5=d2f85d197c118fc125d91d3e3cf8e36
	Khadzhai, G.Y., Vovk, N.R. , Vovk, R.V., Savich, S.V., Kisilitsa, M., Kotvitskaya, K.A., Morozov, V.S., Leniv, J.G., Timofeev, S.S.	Effect of high pressure on conductivity in the basal plane of Y _{1-x} Pr _x Ba ₂ Cu ₃ O _{7-δ} single crystals lightly doped of praseodymium (2015) Functional Materials, 22 (1), pp. 5-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963734773&doi=10.15407%2ffm22.01.005&partnerID=40&md5=9d667044e2a53353c31a3b016e677799
	Vovk, R.V., Vovk, N.R. , Dobrovolskiy, O.V.	Effect of structural relaxation on the in-plane electrical resistance of oxygen-underdoped ReBa ₂ Cu ₃ O _{7-δ} (Re = Y, Ho) single crystals (2014) Journal of Low Temperature Physics, 175 (3-4), pp. 614-630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900656528&doi=10.1007%2f10909-014-1121-9&partnerID=40&md5=6dc24a9b22247ce72fd3ed714aa20188
	Vovk, R.V., Vovk, N.R. , Goulatis, I.L., Chronos, A.	Effect of long aging on the resistivity properties of aluminum doped YBa ₂ Cu _{3-y} Al _y O _{7-δ} single crystals with a given twin boundary topology (2014) Journal of Low Temperature Physics, 174 (3-4), pp. 214-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893653751&doi=10.1007%2f10909-013-0959-6&partnerID=40&md5=26ebec89ceab9dd24666c3e7d3a079
	Khadzhai, G.Y., Vovk, R.V., Vovk, N.R.	Scattering of electrons in oxygen underdoped YBa ₂ Cu ₃ O _{7-x} single crystals (2014) Functional Materials, 21 (2), pp. 137-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903456874&partnerID=40&md5=e5fa77da06ff5a4d8c92fb11b848800
	Khadzhai, G.Y., Vovk, N.R. , Vovk, R.V.	Conductivity of single-crystal Y<inf>1-y</inf>Pr<inf>y</inf>Ba<inf>2</inf>Cu<inf>3</inf>O<inf>7-δ</inf> over a wide range of temperatures and pr concentrations (2014) Low Temperature Physics, 40 (6), pp. 488-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929580649&doi=10.1063%2f1.4881197&partnerID=40&md5=75efd649396b8f2ceb9e08de28e661c6
	Khadzhai, G.Y., Vovk, N.R. , Vovk, R.V.	Conductivity of Y _{1-y} Pr _y Zu ₃ 7-δ single crystals in wide ranges of temperatures and Pr concentrations (2014) Fizika Nizkikh Temperatur, 40 (6), pp. 630-635.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899857582&partnerID=40&md5=7a0209cb85390804bd3b3ba37d229e56
	Vovk, R.V., Vovk, N.R. , Khadzhai, G.Ya., Dobrovolskiy, O.V., Nazyrov, Z.F.	Effect of high pressure on the fluctuation paraconductivity in Y _{0.95} Pr _{0.05} Ba ₂ Cu ₃ O _{7-δ} single crystals (2014) Current Applied Physics, 14 (12), pp. 1779-1782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908387363&doi=10.1016%2fj.cap.2014.10.002&partnerID=40&md5=45db0811c2d2a31b7732a661cd3901f6
	Vovk, R.V., Vovk, N.R. , Khadzhai, G.Y., Dobrovolskiy, O.V., Nazyrov, Z.N.	Evolution of the electrical resistance of YBa ₂ Cu ₃ O _{7-δ} single crystals in the course of long-term aging (2014) Journal of Materials Science: Materials in Electronics, 25 (12), pp. 5226-5230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911936358&doi=10.1007%2f10854-014-2292-5&partnerID=40&md5=94b1e02e8f7b0d2e58c9c05307b0e29a
	Vovk, R.V., Vovk, N.R. , Khadzhai, G.Ya., Goulatis, I.L., Chronos, A.	Effect of praseodymium on the electrical resistance of YBa ₂ Cu ₃ O _{7-δ} single crystals (2014) Solid State Communications, 190, pp. 18-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899752177&doi=10.1016%2fj.ssc.2014.04.004&partnerID=40&md5=703797cf993bcd7c2217b7a7240ebca1
	Vovk, R.V., Vovk, N.R. , Dobrovolskiy, O.V.	Aging effect on electrical conductivity of pure and Al-doped YBa ₂ Cu ₃ O _{7-δ} single crystals with a given topology of planar defects (2013) Advances in Condensed Matter Physics, 2013, статья № 931726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890045352&doi=10.1155%2f2013%2f931726&partnerID=40&md5=b5241f68355f286b271426515ac8f975
	Vovk, R.V., Vovk, N.R. , Samoilov, A.V.	Effect of praseodymium doping on electroresistivity along c-axis in Y _{1-x} Pr _x Ba ₂ Cu ₃ O _{7-δ} single crystals (2013) Functional Materials, 20 (4), pp. 457-461.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891758595&partnerID=40&md5=1419b4de2665b2e9578d1ec9e45b6e89
	Vovk, R.V., Vovk, N.R. , Goulatis, I.L., Chronos, A.	Coexistence of different types of transverse conductivity in Y _{1-x} Pr _x Ba ₂ Cu ₃ O _{7-δ} single crystals with different praseodymium concentrations (2013) Modern Physics Letters B, 27 (27), статья № 1350198.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886938347&doi=10.1142%2fS0217984913501984&partnerID=40&md5=7d4a48afd923d1e921f9d6258925392
	Vovk, R.V., Vovk, N.R. , Goulatis, I.L., Chronos, A.	Evolution of the metal-insulator transition in oxygen nonstoichiometric YBa ₂ Cu ₃ O _{7-δ} single crystals under pressure (2013) Journal of Materials Science: Materials in Electronics, 24 (8), pp. 3132-3135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881481963&doi=10.1007%2f10854-013-1221-3&partnerID=40&md5=066675efd304ac79747af7f431d01e0
	Vovk, R.V., Vovk, N.R. , Khadzhai, G.Y., Goulatis, I.L., Chronos, A.	Effect of high pressure on the electrical resistivity of optimally doped YBa ₂ Cu ₃ O _{7-δ} single crystals with unidirectional planar defects (2013) Physica B: Condensed Matter, 422, pp. 33-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878290033&doi=10.1016%2fj.physb.2013.04.032&partnerID=40&md5=3121841dfb99a1a2eae7b64391353164
	Vovk, R.V., Vovk, N.R. , Shekhovtsov, O.V., Goulatis, I.L., Chronos, A.	C-axis hopping conductivity in heavily Pr-doped YBCO single crystals (2013) Superconductor Science and Technology, 26 (8), статья № 085017.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880254240&doi=10.1088%2f0953-2048%2f26%2f8%2f085017&partnerID=40&md5=e8eb5a6aa0ad6c5843b3a4d35ba4d998
	Khadzhai, G.Y., Vovk, R.V., Vovk, N.R.	Electrical resistance relaxation induced by high pressure in single crystals of YBa ₂ Cu ₃ O _{7-δ} (2013) Low Temperature Physics, 39 (6), pp. 530-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879496605&doi=10.1063%2f1.4811255&partnerID=40&md5=f42bc1e69cf09efecce466bfdb666baf
	Khadzhai, G.Ya., Vovk, R.V., Vovk, N.R.	Induced by high pressure the relaxation of the electrical resistance of YBa ₂ Cu ₃ O _{7-δ} Single crystals (2013) Fizika Nizkikh Temperatur, 39 (6), pp. 684-689.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877258417&partnerID=40&md5=bb6b0b3400bf22017076a9a579b3f166
	Vovk, R.V., Vovk, N.R. , Samoilov, A.V., Goulatis, I.L., Chronos, A.	Effect of long aging on the resistivity properties of optimally doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2013) Solid State Communications, 170, pp. 6-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884826213&doi=10.1016%2fj.ssc.2013.07.011&partnerID=40&md5=129ac1101bb388e5c1342075db53ffbd
147.	Yakovin, S., Zykov, A. , Dudin, S., Farenik, V., Goncharov, A., Shelest, I., Kuznetsov, V.	Plasma assisted deposition of TaB ₂ coatings by magnetron sputtering system (2017) Problems of Atomic Science and Technology, 107 (1), pp. 187-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016103266&partnerID=40&md5=01ef8d242a1ddb8f0d7568a28b8b52f3
	Goncharov, A.A., Zykov, A.V. , Shelest, I.V., Yunda, A.N., Yakovin, S.D., Kuznetsov, V.N., Mikhalev, A.D., Buranich, V.V.	Effect of magnetron sputtering (RF and DC) parameters on the TaB ₂ films structure (2016) Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016, статья № 7757265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007086467&doi=10.1109%2fNAP.2016.7757265&partnerID=40&md5=79b5e4424f4b4a07ee095945ad6898eb
	Yakovin, S., Zykov, A. , Dudin, S., Yefymenko, N.	Synthesis of thin-film TA ₂ O ₅ coatings by reactive magnetron sputtering (2016) Problems of Atomic Science and Technology, 106 (6), pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007605369&partnerID=40&md5=637eafa0ce5da0be8bae64119472c677
	Zykov, A.V. , Azarenkov, N.A.	Ignition and break-down of the gas discharge in magnetic field (2015) Problems of Atomic Science and Technology, 98 (4), pp. 224-228.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941082702&partnerID=40&md5=d368c6ee60294451264470e1a40d2b5dd
	Jamirzoev, A., Yakovin, S., Zykov, A.	Low pressure gas discharge in magnetically insulated diode (2015) Problems of Atomic Science and Technology, 95 (1), pp. 259-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923174683&partnerID=40&md5=8bfaf8cd4a483709ee55816b1531154b7
	Yakovin, S., Zykov, A. , Dudin, S., Sergiec, M., Farenik, V.	Double magnetron cluster set-up for synthesis of micro and nano structure coatings (2015) Problems of Atomic Science and Technology, 95 (1), pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923213173&partnerID=40&md5=05764554735b71474c6f562beaa283a
	Jamirzoev, A., Yakovin, S., Zykov, A.	Characteristics of discharge in crossed ExH fields near breakdown curve in acceleration and plasma regime (2013) Problems of Atomic Science and Technology, (1), pp. 186-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876182310&partnerID=40&md5=f4b8cc1e93565e9c2839336655e2ac47
	Yakovin, S., Dudin, S., Zykov, A. , Shyshkov, A., Farenik, V.	Technological aprobation of integral cluster set-up for complex compound composites synthesis (2012) Problems of Atomic Science and Technology, (6), pp. 220-222.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871796027&partnerID=40&md5=362fc6c2fe96423a352de3ea1cdb2fd5c
	Dubovik, A., Fedorov, A., Katrunov, K., Lebedynskiy, A., Onischenko, G., Yakovin, S., Zykov, A.	Structure and fluorescence of ZnW ₀ 4 films prepared by ion beam sputtering (2012) Functional Materials, 19 (1), pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859886511&partnerID=40&md5=f40072917a393e2bbdc8a81db2cfaf1b
	Yakovin, S.D., Dudin, S.V., Zykov, A.V. , Farenik, V.I.	Integral cluster set-up for complex compound composites synthesis (2011) Problems of Atomic Science and Technology, (1), pp. 152-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952458159&partnerID=40&md5=7cc9a10b4d574ff4d9dbec80c0a1b6b

	Dudin, S.V., Rafalskiy, D.V., Zykov, A.V.	High homogeneity 25 cm low-energy rf ion source with inherent electron compensation (2010) Review of Scientific Instruments, 81 (8), статья № 083302, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956312490&doi=10.1063%2F1.3477999&partnerID=40&md5=b44434f0a1d5aa20680a7b65773907b6
	Denysenko, I., Dudin, S., Zykov, A. , Azarenkov, N., Yu, M.Y.	Ion flux uniformity in inductively coupled plasma sources (2002) Physics of Plasmas, 9 (11), p. 4767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036857892&doi=10.1063%2F1.1514669&partnerID=40&md5=7d40879cae8bea4043db93d1da9b92bf
	Zykov, A.V. , Polozhii, K.I.	Stationary states of a low-pressure inductively coupled RF discharge near the quenching threshold (2000) Technical Physics Letters, 26 (6), pp. 481-484.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034335514&partnerID=40&md5=c495119ae9fe6dc2da8d3f626c2a4b2
	Walkowicz, J., Miernik, K., Zykov, A. , Dudin, S., Farenik, V.	Pulsed-plasma assisted magnetron methods of depositing TiN coatings (2000) Surface and Coatings Technology, 125 (1-3), pp. 341-346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034009134&doi=10.1016%2F0257-8972%2899%2900609-X&partnerID=40&md5=6eed7155b05fd60f8e6b978582de9022
	Dudin, S.V., Zykov, A.V. , Polozhii, K.I., Farenik, V.I.	Ion energy cost in a combined inductive-capacitive rf discharge (1998) Technical Physics Letters, 24 (11), pp. 881-883.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032351960&partnerID=40&md5=1120d680ed4e8537cc6e35b81af5a83c
	Dudin, S.V., Zykov, A.V. , Ushakov, A.V., Farenik, V.I.	Equilibrium states of an ion-beam plasma with magnetized electrons at low pressures (1998) Technical Physics Letters, 24 (3), pp. 180-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032384986&partnerID=40&md5=01545de338d8f1083463f61be0f0bb91
	Dudin, S.V., Zykov, A.V. , Ushakov, A.V., Farenik, V.I.	Electron distribution function of an ion-beam plasma in nonuniform EH fields (1996) Technical Physics Letters, 22 (12), pp. 969-971.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030360364&partnerID=40&md5=05c521a7d39e78f9bdc22b7c36d0940b
	Dudin, S.V., Zykov, A.V. , Polozhii, K.I.	Energy optimization of sputtering systems based on a combined rf inductive-capacitive discharge (1996) Technical Physics Letters, 22 (10), pp. 801-803.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030524164&partnerID=40&md5=7f254534750f4096756d93984f8009dc
	Dudin, S.V., Zykov, A.V. , Ushakov, A.V.	Dynamics of electrons in anode layer of hall-type ion source (1994) IEEE International Conference on Plasma Science, p. 175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028739902&partnerID=40&md5=45f6d4798416cc591636dc1a50aacc24
	Dudin, S.V., Zykov, A.V. , Farenik, V.I.	Neutralization of low energy broad ion beam (1994) IEEE International Conference on Plasma Science, p. 156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028729002&partnerID=40&md5=1d48c970acd2fafd01ae7260a2a9fa49
	Dudin, S.V., Zykov, A.V. , Farenik, V.I.	Low-energy ion beam space-charge neutralization (1994) Review of Scientific Instruments, 65 (4), pp. 1451-1453.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040461759&doi=10.1063%2F1.1144941&partnerID=40&md5=f75ca9ba30195f6a431706b9e4742df6
148.	Bagatskaya, O. , Butrym, A., Durneva, Yu., Shulga, S., Tuz, V.	Two-dipole inverse problem of magnetostatics for reconstruction of heart electric activity from magnetocardiography measurements (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, статья № 1689723, pp. 132-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547319717&partnerID=40&md5=433d49ecac3a789fe79df5272f48ac
	Bagatskaya, O.V. , Fesenko, V.I., Shulga, S.N.	Electric field lines in a rectangular waveguide with an inhomogeneous anisotropic insert (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 63 (1), pp. 1-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747033864&doi=10.1615%2FTelecomRadEng.v63.i1.10&partnerID=40&md5=3374d2066cda8965791d606b95467e
	Shul'ga, S.N., Bagatskaya, O.V.	Effective permittivity operator of a statistically inhomogeneous medium with strong permittivity fluctuations (2004) Izvestiya Vysshikh Uchebnykh Zavedenij. Radiofizika, 47 (1), pp. 37-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942690336&partnerID=40&md5=4ec7678a96e59f7117dc49e817060ec5
	Shulga, S.N., Bagatskaya, O.V.	Analysis of a waveguide T-junction with a 2D scatterer in the interaction region via Green's theorem approach (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, статья № 1238866, pp. 785-788.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3394716855&doi=10.1109%2FICATT.2003.1238866&partnerID=40&md5=04bd09895f1388cd711591d145334fd
	Shul'ga, S.N., Bagatskaya, O.V. , Vasil'eva, T.I., Zhuk, N.P.	A rectangular bend of two waveguides with a 2D inclusion in the interaction region analyzed using the green theorem (2002) Journal of Communications Technology and Electronics, 47 (11), pp. 1218-1221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-9144269803&partnerID=40&md5=9771ac03fbb47aad2fd06640b1867df0
	Shul'ga, S.N., Bagatskaya, O.V. , Vasil'eva, T.I., Zhuk, N.P.	A rectangular bend of two waveguides with a 2d inclusion in the interaction region analyzed using the Green theorem (2002) Radiotekhnika i Elektronika, 47 (11), pp. 1335-1338.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036909841&partnerID=40&md5=650c88254cfe876ac7e18b3a03d1778
	Bagatskaya, O.V. , Shul'ga, S.N.	A method for calculating the electromagnetic field in a waveguide with an anisotropic insert (2001) Radiotekhnika i Elektronika, 46 (4), pp. 448-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035768503&partnerID=40&md5=587d9db908d0884d5bd694135e21b9d1
	Bagatskaya, O.V. , Zhuk, N.P., Shul'ga, S.N.	Scattering coefficients for a plane wave incident on a rough interface with a stratified arbitrarily anisotropic dielectric (2001) Radiotekhnika i Elektronika, 46 (2), pp. 148-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035773106&partnerID=40&md5=3de3060428350570d03ad1fa7ac77c7d
	Bagatskaya, O.V. , Shul'ga, S.N.	A Method for Calculating the Electromagnetic Field in a Waveguide with an Anisotropic Insert (2001) Journal of Communications Technology and Electronics, 46 (4), pp. 416-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042234332&partnerID=40&md5=7f415a396d568bc125aee78105037071
	Bagatskaya, O.V. , Zhuk, N.P., Shul'ga, S.N.	Scattering Coefficients for a Plane Wave Incident on a Rough Interface with a Stratified Arbitrarily Anisotropic Dielectric (2001) Journal of Communications Technology and Electronics, 46 (2), pp. 134-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041819907&partnerID=40&md5=871f6143326ec8c228e010ae84b814e6
	Bagatskaya, O.V. , Malyuskin, A.V., Shul'ga, S.N.	Calculation of the coefficients of reflection and transmission of a plane electromagnetic wave for an inhomogeneous gyrotropic layer by the finite-difference method (2000) Radiotekhnika i Elektronika, 45 (6), pp. 662-669.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747389003&partnerID=40&md5=0bcd7f34638832118513e1553044f285
	Bagatskaya, O.V. , Malyuskin, A.V., Shul'ga, S.N.	Calculation of the Coefficients of Reflection and Transmission of a Plane Electromagnetic Wave for an Inhomogeneous Gyrotropic Layer by the Finite-Difference Method (2000) Journal of Communications Technology and Electronics, 45 (6), pp. 600-606.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042229817&partnerID=40&md5=26dd05e64283d08173b52f0547993ec
	Bagatskaya, O.V. , Zhuk, N.P., Shul'ga, S.N.	Nonlocal impedance of a multilayer slab of uniaxial dielectric (1999) Radiotekhnika i Elektronika, 44 (2), pp. 151-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033074383&partnerID=40&md5=c60b940ebb55f1d3c0d0fced7d5de72
	Bagatskaya, O.V. , Zhuk, N.P., Shul'ga, S.N.	Nonlocal Impedance of a Multilayer Slab of Uniaxial Dielectric (1999) Journal of Communications Technology and Electronics, 44 (2), pp. 140-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043131772&partnerID=40&md5=48f871389a023a2e98fec0ce5c1379c4
	Bagatskaya, O.V. , Shulga, S.N.	Plane wave scattering coefficients for a random surface of arbitrary layered anisotropic dielectric (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 886-888.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032231012&partnerID=40&md5=79d6b37f5e88a398854db8634a44de
	Bagatskaya, O.V. , Zhuk, N.P., Shul'ga, S.N.	Effective permittivity of a discrete random medium with anisotropic inclusions (1998) Journal of Experimental and Theoretical Physics, 87 (4), pp. 648-654.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22444454796&partnerID=40&md5=82a3be0e7959a0cd26a9ac07f795a3a5
	Bagatskaya, O.V. , Zhuk, N.P., Malets, E.B., Shul'ga, S.N.	Analytical calculation of the complex reflection and transmission coefficients of a dielectric plate with allowance for the electromagnetic anisotropy of the material (1997) Russian Journal of Nondestructive Testing, 33 (1), pp. 63-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031496728&partnerID=40&md5=738f085bb88b9dfaa555923ed6c52e36
	Bagatskaya, O.V. , Zhuk, N.P., Malets, E.B., Shul'ga, S.N.	Analytical calculation of complex relative reflection and transmission coefficient of dielectric plate with regard for electromagnetic materials anisotropy (1997) Defektoskopiya, (1), pp. 76-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030681629&partnerID=40&md5=ddd1109ad3f5e3d394a7d064fc5f081b
	Bagatskaya, O.V. , Zhuk, N.P., Shul'ga, S.N.	Two-dimensional scattering at an inhomogeneous body in a medium with a skew-symmetric permittivity tensor (1995) Journal of Communications Technology and Electronics, 40 (9), pp. 7-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029534520&partnerID=40&md5=840fb4a33e9abe4b0c577d41cafb3d5

	Bagatskaya, O.V., Zhuk, N.P., Shul'ga, S.N.	Scattering of electromagnetic waves from the homogeneous gyrotropic half-space with slightly rough boundary (1994) Radiotekhnika i Elektronika, 39 (6), pp. 906-915.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028447242&partnerID=40&md5=8bfc845a138938922faf86b41f24d2e9
149.	Girka, O., Bizyukov, O., Bogatyrenko, S., Bizyukov, I.	Aluminium surface morphology behaviour under high-flux helium ion bombardment (2017) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 405, pp. 31-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019640796&doi=10.1016%2Fj.nimb.2017.05.019&partnerID=40&md5=ee3e0c5fe4d308ab37142f09c59499ff
	Mishurov, D., Voronkin, A., Roshal, A., Bogatyrenko, S.	Influence of structure 3,5,7,3',4'-Pentahydroxyflavone-based polymer films on their optical transparency (2017) Optical Materials, 64, pp. 166-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006120524&doi=10.1016%2Fj.optmat.2016.12.004&partnerID=40&md5=9265ea88113b1a2957cfc4ce141938b4
	Beynik, T.G., Matveevskaya, N.A., Dobrotvorskaya, M.V., Garbuz, A.S., Kosyanov, D.Y., Vovna, V.I., Vornovskikh, A.A., Bogatyrenko, S.I.	Synthesis and characterization of branched gold nanoparticles (2017) Functional Materials, 24 (1), pp. 21-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016404160&doi=10.15407%2Ffm.24.01.021&partnerID=40&md5=a8375e4ff85acd58c132cf52ad971b87
	Diakov, M.Y., Prodanov, M.F., Bogatyrenko, S.I., Vashchenko, V.V.	Derivatives of selenophene as new precursors for semi-conductor microparticles of CdSe and CdSeS (2016) Nanosistemi, Nanomateriali, Nanotehnologii, 14 (4), pp. 503-511.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018849932&partnerID=40&md5=812261771ee268f3cc69b86641dd4b4cf
	Bogatyrenko, S.I.	Formation of the solid solutions in the Au-Ni film system: In situ TEM study (2014) Technical Physics, 59 (9), pp. 1374-1377.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908055559&doi=10.1134%2FST1063784214090047&partnerID=40&md5=48077ca5ea62be5d047a916734c543
	Kryshchal, A.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, A.A.	The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system (2014) Applied Physics A: Materials Science and Processing, 116 (4), pp. 1891-1896.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906313642&doi=10.1007%2Fs00339-014-8349-8&partnerID=40&md5=a1518646ee6eb67c36d903ffbf1d82150
	Minenkov, A.A., Bogatyrenko, S.I., Sukhov, R.V., Kryshchal, A.P.	Size dependence of the activation energy of diffusion in multilayer Cu-Ni films (2014) Physics of the Solid State, 56 (4), pp. 823-826.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898948643&doi=10.1134%2FST1063783414040210&partnerID=40&md5=3da5b831c8b002f242c11e7a72ea6569
	Minenkov, A.A., Bogatyrenko, S.I., Kryshchal, A.P.	Determination of solid state solubility of the components in the Ag-Ge film system (2014) Journal of Nano- and Electronic Physics, 6 (4), статья № 04026.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919459042&partnerID=40&md5=99d76cbf5e6ab195c2a1fc84099f2bd9
	Kryshchal, O.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, O.O., Taliashvili, A.I.	In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system (2014) Metallofizika i Noveishie Tekhnologii, 36 (1), pp. 31-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904798608&partnerID=40&md5=75a33ef2fa58e16ce3af6d71a4d9e305
	Krasnorutskiy, V.S., Belash, N.N., Chernov, I.A., Valezhny, Y.B., Sayenko, S.Y., Belkin, F.V., Surkov, A.Y., Piliipenko, A.V., Bogatyrenko, S.I.	Research into effects of manufacturing and alloying methods on dysprosium hafnate pellet properties (2012) Problems of Atomic Science and Technology, (5), pp. 62-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867835460&partnerID=40&md5=b2f95e5e2160213bb4bfe43389301764
	Kyrychenko, A., Karpushina, G.V., Svechkarev, D., Kolodetzny, D., Bogatyrenko, S.I., Kryshchal, A.P., Doroshenko, A.O.	Fluorescence probing of thiol-functionalized gold nanoparticles: Is alkylthiol coating of a nanoparticle as hydrophobic as expected? (2012) Journal of Physical Chemistry C, 116 (39), pp. 21059-21068.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867186711&doi=10.1021%2Fjp3060813&partnerID=40&md5=45f70dfcb1387b192a45ce4b199502e4
	Kolendovskii, M.M., Bogatyrenko, S.I., Kryshchal, A.P., Gladkikh, N.T.	Piezoelectric resonator as an in situ method for studying the phase transitions in thin metal and alloy films (2012) Technical Physics, 57 (6), pp. 849-855.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862327700&doi=10.1134%2FST1063784212060175&partnerID=40&md5=f42c66606a346490f5b225313b073645
	Kyrychenko, A., Karpushina, G.V., Bogatyrenko, S.I., Kryshchal, A.P., Doroshenko, A.O.	Preparation, structure, and a coarse-grained molecular dynamics model for dodecanethiol-stabilized gold nanoparticles (2011) Computational and Theoretical Chemistry, 977 (1-3), pp. 34-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84555218596&doi=10.1016%2Fj.comptc.2011.09.003&partnerID=40&md5=f12637c4b33036b75f7cdcb679a3a08c
	Gladkikh, N.T., Kryshchal, A.P., Bogatyrenko, S.I.	Melting temperature of nanoparticles and the energy of vacancy formation in them (2010) Technical Physics, 55 (11), pp. 1657-1660.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78349264573&doi=10.1134%2FST1063784210110174&partnerID=40&md5=dc5572674efdea32cf8df0019cbbea
	Bogatyrenko, S.I., Gladkikh, N.T., Kryshchal, A.P., Samsonik, A.L., Sukhov, V.N.	Diffusion in nanodisperse layered film systems (2010) Physics of Metals and Metallography, 109 (3), pp. 255-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951045289&doi=10.1134%2FS0031918X10030075&partnerID=40&md5=662a4efe15288d7e8a995c1743e8b776
	Kolendovskiy, M.M., Bogatyrenko, S.I., Kryshchal, O.P.	Supercooling at crystallization in Al/Pb/Al layered film system (2009) Metallofizika i Noveishie Tekhnologii, 31 (6), pp. 855-862.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71849090335&partnerID=40&md5=457181d5c8efedccce17d75eba81d354c
	Bogatyrenko, S.I., Voznyj, A.V., Gladkikh, N.T., Kryshchal, A.P.	Supercooling upon crystallization in layered Al/Bi/Al film system (2004) Fizika Metallov i Metallovedenie, 97 (3), pp. 54-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542622902&partnerID=40&md5=f3205a8b7c79e72fd51e870e07028df9
	Bogatyrenko, S.I., Voznyi, A.V., Gladkikh, N.T., Kryshchal, A.P.	Supercooling upon crystallization in layered Al/Bi/Al film system (2004) Physics of Metals and Metallography, 97 (3), pp. 273-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442590871&partnerID=40&md5=cc5795b60ab263259849011173c8da7
	Gladkikh, N.T., Bogatyrenko, S.I., Kryshchal, A.P., Anton, R.	Melting point lowering of thin metal films (Me = In, Sn, Bi, Pb) in Al/Me/Al film system (2003) Applied Surface Science, 219 (3-4), pp. 338-346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142153946&doi=10.1016%2FS0169-4332%2803%2900707-4&partnerID=40&md5=76c90e67e52c6e68a5e39bf2e9ff189
	Bogatyrenko, S.I., Gladkikh, N.T., Kryshchal, A.P., Filippov, A.A.	Size dependence of the diffusion coefficient in small particles (2002) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 66 (1), pp. 120-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749108022&partnerID=40&md5=ed7cfa8606128d17622e98c7b6af64c0
150.	Chibisov, D.V.	Distribution function of plasma particles in axial magnetic and radial electric fields for the transverse injection of neutral gas (2016) Problems of Atomic Science and Technology, 106 (6), pp. 104-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007603323&partnerID=40&md5=4eddec67c4424bc482d507746a207b8
	Chibisov, D.V., Mikhailenko, V.S.	Response to "comment on 'The ion-kinetic D'Angelo mode'" [Phys. Plasmas 22, 044703 (2015)] (2015) Physics of Plasmas, 22 (4), статья № 044704, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928920075&doi=10.1063%2F1.4918949&partnerID=40&md5=b4957b340c4fd67d886dfe0ed30e4faf
	Chibisov, D.V.	Ion cyclotron turbulence in plasma of lower hybrid cavities in the earth's ionosphere (2015) Problems of Atomic Science and Technology, 98 (4), pp. 148-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941058382&partnerID=40&md5=b963b1ddeda61c63465f21be2b3f914a
	Bizyukov, A.A., Chibisov, D.V., Chibisov, A.D., Romashchenko, E.V., Kovalenko, V.V.	Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources (2015) Problems of Atomic Science and Technology, 98 (4), pp. 298-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941082771&partnerID=40&md5=33ff0b4b664a3487fe192e79de328974
	Chibisov, D.V.	The distribution function of plasma particles in longitudinal magnetic and radial electric fields (2014) Problems of Atomic Science and Technology, 94 (6), pp. 55-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918556274&partnerID=40&md5=e63a2de7018979a7294f2b2ceb68c374
	Chibisov, D.V.	Ion cyclotron instabilities in multicomponent magnetic field-aligned plasma flow with shear velocity flow (2013) Problems of Atomic Science and Technology, (4), pp. 125-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881592107&partnerID=40&md5=0a783a7d9e496862c34556be58233af0
	Chibisov, D.V., Mikhailenko, V.S.	The lower hybrid waves driven by inhomogeneous ion-ring distribution (2012) Problems of Atomic Science and Technology, (6), pp. 99-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871765261&partnerID=40&md5=a3336dad2997cfa820679d07d2d654b5
	Mikhailenko, V.S., Chibisov, D.V., Koepke, M.E.	Excitation mechanisms and spectral properties of the ion-cyclotron parallel-velocity shear driven instability (2012) Journal of Geophysical Research: Space Physics, 117 (4), статья № A04322, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861371444&doi=10.1029%2F2011JA017489&partnerID=40&md5=6ad7c7371f11425c404613a3311a3740
	Chibisov, D.V., Mikhailenko, V.S., Stepanov, K.N.	The ion kinetic D'Angelo mode (2011) Physics of Plasmas, 18 (10), статья № 102105, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80655143597&doi=10.1063%2F1.3647562&partnerID=40&md5=d0e9e8c8b48a80349f27b4cde34c1c1b

	Chibisov, D.V. , Mikhailenko, V.S., Stepanov, K.N.	Shear-flow-driven ion cyclotron instability of multicomponent magnetic field-aligned plasma flow (2011) Problems of Atomic Science and Technology, (1), pp. 44-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952458837&partnerID=40&md5=075b0db0344b994449e42cc8fd428b0
	Chibisov, D.V. , Mikhailenko, V.S., Stepanov, K.N.	Ion cyclotron instability of a multicomponent plasma shear flow along the magnetic field (2010) Problems of Atomic Science and Technology, (4), pp. 155-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149483830&partnerID=40&md5=9911b8fb1aba97b22f5f0fae41a020e8d
	Chibisov, D.V. , Mikhailenko, V.S., Stepanov, K.N.	Current-driven ion cyclotron instability of multicomponent field-aligned sheared flow (2010) Physics of Plasmas, 17 (8), статья № 082903, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956336408&doi=10.1063%2f1.3463433&partnerID=40&md5=3fd5f3903a812f4c8b9c7ff7552b8737
	Mikhailenko, V.S., Stepanov, K.N., Mikhailenko, V.V., Azarenkov, N.A., Chibisov, D.V.	Turbulence of shear flows of magnetized plasma (2009) Problems of Atomic Science and Technology, (1), pp. 64-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865334616&partnerID=40&md5=9a3c114cca70168e1914281baa7bee5e
	Chibisov, D.V. , Mikhailenko, V.S., Stepanov, K.N.	Oxygen-ion-beam-driven electrostatic ion cyclotron instability of hydrogen plasma (2009) Physics of Plasmas, 16 (7), статья № 072902, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68249159682&doi=10.1063%2f1.3183595&partnerID=40&md5=4706df49b8eae155113d2723866d101
	Mikhailenko, V.S., Chibisov, D.V.	Shear-flow-driven ion cyclotron and ion sound-drift instabilities of cylindrical inhomogeneous plasma (2007) Physics of Plasmas, 14 (8), статья № 082109, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548413276&doi=10.1063%2f1.2768516&partnerID=40&md5=e873e16332d5ada5b4bd3b2fd3fc20aa
	Mikhailenko, V.S., Chibisov, D.V. , Mikhailenko, V.V.	Shear-flow-driven ion cyclotron instabilities of magnetic field-aligned flow of inhomogeneous plasma (2006) Physics of Plasmas, 13 (10), статья № 102105, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750528991&doi=10.1063%2f1.2354021&partnerID=40&md5=c87fd4217395fa2714e53d192a70089d
	Vakim, E.Yu., Mikhailenko, V.S., Stepanov, K.N., Chibisov, D.V.	Electrostatic instabilities of a multicomponent plasma with ions gyrating around the axis of the plasma column (1997) Plasma Physics Reports, 23 (1), pp. 44-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031541122&partnerID=40&md5=5e6fa1f8b662f14943337ec16fb84116
	Mikhailenko, V.S., Chibisov, D.V. , Stepanov, K.N., Ussef, E.El.	Kinetic theory of axis encircling ion cyclotron instabilities (1994) IEEE International Conference on Plasma Science, p. 120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028729367&partnerID=40&md5=2aad1c51039f78bef0dd968e6dec77f6
	Chibisov, D.V. , Mikhailenko, V.S., Stepanov, K.N.	Ion cyclotron turbulence theory of rotating plasmas (1992) Plasma Physics and Controlled Fusion, 34 (1), pp. 95-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749362684&doi=10.1088%2f0741-3335%2f34%2f1%2f006&partnerID=40&md5=563370679e4b6b3ef9e7d95a8b0c4477
	Chibisov, D.V. , Mikhailenko, V.S., Stepanov, K.N.	Drift wave turbulence of a radially inhomogeneous plasma (1991) Physics Letters A, 157 (2-3), pp. 141-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040353440&doi=10.1016%2f0375-9601%2f90087-0&partnerID=40&md5=c4e7ee8945c3e5e127e0480b1ed27f6
151.	Gevorkyan, E., Mechnik, V., Bondarenko, N., Vovk, R., Lytovchenko, S. , Chishkala, V., Melnik, O.	Peculiarities of obtaining diamond-(Fe-Cu-Ni-Sn) composite materials by hot pressing (2017) Functional Materials, 24 (1), pp. 31-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016435503&doi=10.15407%2ffm24.01.031&partnerID=40&md5=06005fcb0cb6b5dcb6b9d00f137ce3a
	Beresnev, V.M., Sobol', O.V., Pogrebnyak, A.D., Lytovchenko, S.V. , Stolbovoy, V.A., Srebnik, P.A., Novikov, V., Doshchekina, I.V., Meylekhov, A.A., Postelnik, A.A., Nyemchenko, U.S., Mazylin, B.A., Kruhlova, V.V.	Structure and properties of vacuum arc single-layer and multiperiod two-layer nitride coatings based on Ti(Al): Si layers (2017) Journal of Nano- and Electronic Physics, 9 (1), статья № 01033, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014619856&doi=10.21272%2fjnep.9%281%29.01033&partnerID=40&md5=149a2c151b5295695dec2298811a5a7
	Beresnev, V.M., Nyemchenko, U.S., Srebnik, P.O., Lytovchenko, S.V. , Sobol, O.V.	Study of influence physical and technological parameters of deposition on the structure, physical and mechanical properties of vacuum arc coatings (Mo + Ti6%Si)N (2016) Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016, статья № 7757226, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007105133&doi=10.1109%2fnap.2016.7757226&partnerID=40&md5=579d2b95199448b053a5b6334d88a906
	Beresnev, V.M., Sobol, O.V., Lytovchenko, S.V. , Nyemchenko, U.S., Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Turbin, P.V., Malikov, L.V.	Effect of high-entropy components of nitride layers on nitrogen content and hardness of (TiN-Cu)/(AlNbTiMoVCr)N vacuum-arc multilayer coatings (2016) Journal of Nano- and Electronic Physics, 8 (2), статья № 02057, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976904239&doi=10.21272%2fjnep.8%282%29.02057&partnerID=40&md5=f0e27c9151f5beece8226442e419f2e
	Beresnev, V.M., Sobol, O.V., Nyemchenko, U.S., Lytovchenko, S.V. , Gorban, G.F., Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Novikov, V.Y.	The influence of nitrogen pressure on the structure of condensates, obtained at vacuum-arc deposition from high entropy alloy AlCrTiZrNbY (2016) Problems of Atomic Science and Technology, 102 (2), pp. 86-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988285614&partnerID=40&md5=e6caa45361baac003c7e813fd949f0
	Beresnev, V.M., Sobol, O.V., Stolbovoy, A.V., Lytovchenko, S.V. , Kolesnikov, D.A., Nyemchenko, U.S., Meylekhov, A.A., Postelnik, A.A.	Influence on mechanical characteristics of thickness of layers in MoN/CrN multilayer coatings, deposited under the influence of negative bias potential (2016) Journal of Nano- and Electronic Physics, 8 (1), статья № 01043, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963945097&partnerID=40&md5=2e2f593cbd248c75462eb4c12872df18
	Kolesnikov, D.A., Nyemchenko, U.S., Beresnev, V.M., Sobol', O.V., Novikov, V.A., Lytovchenko, S.V. , Stolbovoi, V.A., Goncharov, I.Y., Turbin, P.V., Malikov, L.V.	Multilayer nitride coatings (TiZrNbHf)N/MoN (2016) Journal of Nano- and Electronic Physics, 8 (3), статья № 03045, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992449498&doi=10.21272%2fjnep.8%283%29.03045&partnerID=40&md5=475a3d564644c9fd063f537e1761e591
	Grankin, S.S., Beresnev, V.M., Sobol', O.V., Lytovchenko, S.V. , Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Toryanik, I.N.	Influence of high-voltage constant potential bias on structure and properties of MoN/CrN multilayer composite with different layer thickness (2016) Problems of Atomic Science and Technology, 101 (1), pp. 154-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958550110&partnerID=40&md5=99d8c1b19ca2a99a95cf015e48afbcf6
	Nyemchenko, U.S., Beresnev, V.M., Sobol, O.V., Lytovchenko, S.V. , Stolbovoy, V.A., Novikov, V.J., Meylekhov, A.A., Postelnik, A.A., Kovaleva, M.G.	Structure and mechanical properties of nitride multi-layer systems on the basis of high entropy alloys and transition metals of group VI (2016) Problems of Atomic Science and Technology, 101 (1), pp. 112-120.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958526946&partnerID=40&md5=e160b03f55d0e751bf5e8a565fea1c4
	Grankin, S.S., Stolbovoy, V.A., Nyemchenko, U.S., Beresnev, V.M., Sobol', O.V., Lytovchenko, S.V. , Turbin, P.V., Novikov, V.Y., Protchenko, Z.N.	Tribological characteristics and mechanical properties of multilayer vacuum-arc coatings TiN/ZrN (2015) Problems of Atomic Science and Technology, 99 (5), pp. 70-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945298505&partnerID=40&md5=95167e137a0960f5657d5386cbdb74a9
	Beresnev, V.M., Toryanik, I.N., Pogrebnyak, A.D., Bondar, O.V., Bilokur, M., Sobol, O.V., Kolesnikov, D.A., Lytovchenko, S.V. , Turbin, P.V.	Structure and physical and mechanical Properties of nanocomposite (Zr-Ti-Cr-Nb)N and (Ti-Zr-Al-Nb-Y)N coatings, obtained by vacuum-arc evaporation method (2015) Springer Proceedings in Physics, 156, pp. 75-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927600796&doi=10.1007%2f978-3-319-06611-0_5&partnerID=40&md5=3e882d060da5d76ce12448463585f70
	Grankin, S.S., Beresnev, V.M., Sobol, O.V., Stolbovoy, V.A., Novikov, V.Y., Lytovchenko, S.V. , Nyemchenko, U.S., Meylekhov, A.A., Kovaleva, M.G., Postelnik, A.A., Toryanik, I.N.	Structure, substructure, hardness and adhesion strength of multiperiod composite coatings MoN/CrN (2015) Journal of Nano- and Electronic Physics, 7 (4), статья № 04050, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959449533&partnerID=40&md5=c66c0350cbce3c46cb1035f60fa9c86d
	Azarenkov, N.A., Lytovchenko, S.V. , Beresnev, V.M., Chyshkala, V.O., Veliev, Y.I.	Condensation of silicide films from pure components (2014) Problems of Atomic Science and Technology, 89 (1), pp. 180-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893643080&partnerID=40&md5=fbd9e9b059207b2b780dc81a1d66a3b5
	Toryanik, I.N., Grudnitskii, V.V., Beresnev, V.M., Sobol, O.V., Lytovchenko, S.V. , Turbin, P.V., Serdyuk, I.V., Goncharov, I.Y.	Effect of temperature on distribution of elements and surface morphology in the (Ti, Hf)N-coating/Si-substrate system (2014) Problems of Atomic Science and Technology, 90 (2), pp. 149-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940262419&partnerID=40&md5=da7f2f79936c77187b4593419bc262d1

	Azarenkov, N.A., Pshyk, A.V., Sobol, O.V., Beresnev, V.M., Turbin, P.V., Lytovchenko, S.V. , Kolesnikov, D.A.	Properties of AlN-TiB ₂ -TiSi ₂ coating system obtained by magnetron sputtering (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6653080, pp. 824-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891066252&partnerID=40&md5=4ba241fa6d785608791b82e7ca85729a
	Azarenkov, N.A., Beresnev, V.M., Toryanik, I.S., Pogrebnyak, A.D., Sobol, O.V., Drobyshvskaya, A.A., Kropotov, A.Y., Tolmacheva, G.N., Klymenko, S.A., Turbin, P.V., Lytovchenko, S.V. , Kolesnikov, D.A.	Ion-plasma coating AlN-TiB ₂ -TiSi ₂ systems, obtaining and properties (2013) Problems of Atomic Science and Technology, (2), pp. 144-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876211364&partnerID=40&md5=b6c575e8bb5c799a5ac6f1add3f1f09
	Beresnev, V.M., Sobol, O.V., Pogrebnyak, A.D., Turbin, P.V., Lytovchenko, S.V.	Thermal stability of the phase composition, structure, and stressed state of ion-plasma condensates in the Zr-Ti-Si-N system (2010) Technical Physics, 55 (6), pp. 871-873.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954178100&doi=10.1134%2F1063784210060216&partnerID=40&md5=d1549b6c4c45f8610166e53ee0b6fe16
	Borisenko, Yu.N., Gritsyna, V.T., Lytovchenko, S.V. , Maslova, T.S.	Dosed extraction of hydrogen from a layered thin-film system (1999) Technical Physics, 44 (2), pp. 235-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033243751&partnerID=40&md5=824713ab705cc101609d7234b7e964f
	Pavlenko, Yu.B., Nechiporenko, E.P., Chishkhal, V.A., Lytovchenko, S.V.	Formation of eutectic silicide coatings on molybdenum (1994) Powder Metallurgy and Metal Ceramics, 32 (9-10), pp. 791-793.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249764689&doi=10.1007%2FbF00560318&partnerID=40&md5=e89fbd94f21930b8dcffa5bbc2141d6
	Pavlenko, Yu.B., Nechiporenko, E.P., Chishkhal, V.A., Lytovchenko, S.V.	Formation of eutectic silicide coating on molybdenum (1993) Poroshkovaya Metallurgiya, (9-10), pp. 48-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027668544&partnerID=40&md5=007374184c1ad79285ac67ff70a79d19
	Mozul, K.A., Ol'khovik, L.P., Sizova, Z.I. , Bludov, A.N., Pashchenko, V.A., Baumer, V.N., Vashchenko, V.V., Kolosov, M.O., Kryshchal, A.P., Prodanov, M.F.	Surface magnetic anisotropy of CoFe ₂ O ₄ nanoparticles with a giant low-temperature hysteresis (2013) Low Temperature Physics, 39 (4), pp. 365-369.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877025147&doi=10.1063%2F1.4801993&partnerID=40&md5=c73afbde63251f16bcd2d6460fca9b5
152.	Mozul, K.A., Ol'khovik, L.P., Sizova, Z.I. , Bludov, A.N., Pashchenko, V.A., Baumer, V.N., Vashchenko, V.V., Kolosov, M.O., Kryshchal, A.P., Prodanov, M.F.	The surface magnetic anisotropy of the CoFe ₂ O ₄ nanoparticles with giant low-temperature hysteresis (2013) Fizika Nizkikh Temperatur, 39 (4), pp. 469-474.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874688850&partnerID=40&md5=b9dad0836d71bf74b0d11ad17087f8ab
	Ol'khovik, L.P., Sizova, Z.I. , Shurinova, E.V., Mozul, K.A., Kamzin, A.S.	Surface of the BaFe ₁₂ O ₁₉ crystal and its influence on the interparticle magnetic interaction (2013) Physics of the Solid State, 55 (1), pp. 220-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872029334&doi=10.1134%2F1063783412120256&partnerID=40&md5=12bdf7a38fab51929cba48009b0c440c
	Mozul, K., Ol'Khovik, L., Sizova, Z. , Shurinova, O.	Diagram of the magnetic state of real fine particle system of Ca 0.5Ba _{0.5} Fe ₁₂ O ₁₉ (2012) International Conference on Oxide Materials for Electronic Engineering, OMEE 2012, статья № 6464767, pp. 278-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881617875&doi=10.1109%2FOME.2012.6464767&partnerID=40&md5=8299d7295c89a311e8e8ff6559b4b655
	Ol'khovik, L.P., Borisova, N.M., Golubenko, Z.V., Sizova, Z.I. , Kamzin, A.S.	Technology of ultrathin flaky particles of hexagonal ferrites for broad spectrum of applications (2010) Technical Physics Letters, 36 (8), pp. 756-758.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956294955&doi=10.1134%2F1063785010080237&partnerID=40&md5=b4cb1701dcfd43cf2b2083ad9499d0
	Ol'khovik, L.P., Sizova, Z.I. , Tkachenko, M.V., Shein, V.O., Kalinin, P.S., Khatsko, E.N., Levitin, E.Y., Koval, A.A.	Magnetic state of the nanocrystals of Zn-substituted magnetite (2010) Fizika Nizkikh Temperatur (Kharkov), 36 (3), pp. 287-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76649139179&partnerID=40&md5=6bd0c3ebad68d082ec126d6a142a8a4
	Ol'khovik, L.P., Sizova, Z.I. , Tkachenko, N.V., Shein, V.O., Kalinin, P.S., Khatsko, E.N., Levitin, E.Y., Koval, A.A.	Magnetic state of nanocrystals of Zn-substituted magnetite (2010) Low Temperature Physics, 36 (3), статья № 006003LTP, pp. 226-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954012987&doi=10.1063%2F1.3331495&partnerID=40&md5=82722aeb0a6f8f2c99381f23938cd546
	Ol'khovik, L.P., Sizova, Z.I. , Shurinova, E.V., Kamzin, A.S.	Effects of interaction of nanoparticles in a highly anisotropic ferrimagnet (2010) Physics of the Solid State, 52 (2), pp. 311-316.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950386164&doi=10.1134%2F1063783410020149&partnerID=40&md5=4ac1f1fdb6b186ac9eb81af6342a274
	Ol'khovik, L.P., Kamzin, A.S., Karyakina, E.L., Sizova, Z.I. , Shurinova, E.V.	Investigation of magneto-anisotropy field for system of particles with near superparamagnetic volume (2008) Journal of Magnetism and Magnetic Materials, 320 (24), pp. 3400-3404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53749091918&doi=10.1016%2Fj.jmmm.2008.05.013&partnerID=40&md5=620c2462d25ecb4b29556dd23c9ca7db
	Ol'khovik, L.P., Sizova, Z.I.	Investigation of temperature dependence of surface anisotropy field and constant in the system of BaFe ₁₂ O ₁₉ nanocrystals (2008) Journal of Magnetism and Magnetic Materials, 320 (17), pp. 2190-2194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44549083053&doi=10.1016%2Fj.jmmm.2008.03.012&partnerID=40&md5=be4a4b2a58c9f41751cf4d0884d0ee3
	Ol'khovik, L.P., Sizova, Z.I. , Shurinova, E.V., Kamzin, A.S.	Determination of the surface anisotropy contribution to the magnetic anisotropy field of a nanocrystalline barium ferrite powder at various temperatures (2005) Physics of the Solid State, 47 (7), pp. 1306-1309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22944493046&doi=10.1134%2F1.1992610&partnerID=40&md5=42222e19002093d09f57b695d0fdb8ed
	Ol'khovik, L.P., Sizova, Z.I. , Kamzin, A.S.	Magnetic State of a System of Barium Hexaferrite Nanocrystals in the Vicinity of the Curie Temperature (2003) Physics of the Solid State, 45 (11), pp. 2136-2139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345581417&doi=10.1134%2F1.1626751&partnerID=40&md5=b6127043504298e842ae6e6868e79762
	Zinenko, S.N., Murakhovskij, A.A., Ol'khovik, L.P., Sizova, Z.I. , Shurinova, E.V., Kamzin, A.S.	Theoretical prediction of a surface-induced spin-reorientation phase transition in BaFe ₁₂ O ₁₉ nanocrystals (2003) Journal of Experimental and Theoretical Physics, 96 (5), pp. 945-952.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544460897&doi=10.1134%2F1.1581949&partnerID=40&md5=5bce2de00e926f63f816c3a7d3c4908e
	Ol'khovik, L.P., Khvorov, M.M., Borisova, N.M., Golubenko, Z.V., Sizova, Z.I. , Shurinova, E.V.	The influence of interparticle interaction on magnetization curves of nano- and microcrystal ensembles (2003) Physics of the Solid State, 45 (4), pp. 675-680.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037736462&doi=10.1134%2F1.1569005&partnerID=40&md5=b1dddf6b81b4f0ff45c1bb436aa726
	Zinenko, S.N., Murakhovskij, A.A., Ol'khovik, L.P., Sizova, Z.I. , Shurinova, E.V., Kamzin, A.S.	Theoretical prediction spin-reorientation phase transition, conditioned by surface, in nanocrystals of BaFe ₁₂ O ₁₉ (2003) Zhurnal Eksperimental'noj i Teoreticheskoy Fiziki, 123 (5), pp. 1073-1082.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037493216&partnerID=40&md5=bc008a6a82c75505efc5808844d58c
	Golubenko, Z.V., Kamzin, A.S., Ol'khovik, L.P., Khvorov, M.M., Sizova, Z.I. , Shabatin, V.P.	Stoner-Wohlfarth-type behavior of a close-packed array of high-anisotropy hexaferrite nanoparticles (2002) Physics of the Solid State, 44 (9), pp. 1698-1702.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036026192&doi=10.1134%2F1.1507250&partnerID=40&md5=9c681d816fc7ed6d5c7a43c07681e196
	Golubenko, Z.V., Ol'khovik, L.P., Popkov, Yu.A., Sizova, Z.I. , Kamzin, A.S.	Magnetic anisotropy of a system of nanocrystalline BaO · 6Fe ₂ O ₃ particles (1998) Physics of the Solid State, 40 (10), pp. 1718-1720.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032347567&partnerID=40&md5=4505a7814bad5df16d73e1946428f4b3
	Golubenko, Z.V., Ol'khovik, L.P., Sizova, Z.I. , Kamzin, A.S.	Study of the magnetic state of a highly dispersed BaO · 6Fe ₂ O ₃ system with near-critical particle size (1998) Physics of the Solid State, 40 (7), pp. 1178-1181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040598967&partnerID=40&md5=ee7a70aa286034d87cd04cb1da6a29f2
	Ol'khovik, L.P., Sizova, Z.I. , Golubenko, Z.V., Kuz'micheva, T.G.	Investigation of the critical (H-T)-parameters for the state of the BaO · 6Fe ₂ O ₃ nanocrystal system (1998) Journal of Magnetism and Magnetic Materials, 183 (1-2), pp. 181-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032025810&partnerID=40&md5=7afb97a08affa7e425f8fe9b843a2366
	Gritsyna, V.T., Kovtun, E.F., Sizova, Z.I. , Kononov, V.I., Sin'kov, Yu.A.	Effect of Electron Irradiation on the Magnetic and Electric Properties of Substituted Yttrium Ferrite Garnets. [VLIYANIE ELEKTRONNOGO OBLUCHENIYA NA MAGNITNYE I ELEKTRICHESKIE SVOISTVA ZAMESHCHENNYKH FERRITOV-GRANATOV ITTRIYA.] (1978) Izv Akad Nauk SSSR Neorg Mater, 14 (2), pp. 309-311.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017935987&partnerID=40&md5=e8e93cf47f908f933ed3b1b4deae7b
153.	Bolotov, V.N., Fedorchenko, V.D. , Gritsenko, V.I., Muratov, V.I.	Control over spectral characteristics of electromagnetic pulses (2010) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 268 (9), pp. 1450-1455.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950860137&doi=10.1016%2Fj.nimb.2010.01.003&partnerID=40&md5=68f037ba66062ee0c2c0f83305215699
	Bovda, O.M., Bovda, V.A., Chebotarev, V.V., Chen, C.H., Fedorchenko, V.D. , Higgins, A.K., Medvedev, O.V., Onischenko, L.V., Tortika, O.S.	Structure and magnetic properties of bulk anisotropic Nd ₂ Fe ₁₄ B/ α -Fe nanocomposite magnet by applying PVD coating technology (2010) Metallofizika i Noveishie Tekhnologii, 32 (2), pp. 135-143.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954590929&partnerID=40&md5=bea69ecbc0ffcb8f01c8540e75535452

	Bolotov, V.N., Kononenko, S.I., Muratov, V.I., Fedorchenko, V.D.	Transition radiation induced by nonrelativistic electron bunches (2009) Problems of Atomic Science and Technology, (1), pp. 125-127.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865323687&partnerID=40&md5=050ff719255d9d549f72a5c97b28ef94
	Makhlay, V.A., Garkusha, I.E., Bandura, A.N., Byrka, O.V., Chebotarev, V.V., Fedorchenko, V.D. , Medvedev, A.V., Tereshin, V.I.	Features of materials alloying under exposures to pulsed plasma streams (2009) European Physical Journal D, 54 (2), pp. 185-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68549140035&doi=10.1140%2fepjd%2f2009-00154-1&partnerID=40&md5=b07a7b7e31335321acc322014b23b4f5
	Bolotov, V.N., Kononenko, S.I., Muratov, V.I., Fedorchenko, V.D.	Generation of Non-relativistic electron bunches and measurement of their basic parameters (2008) Problems of Atomic Science and Technology, (4), pp. 35-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549244799&partnerID=40&md5=c0cd7bc75c792f1c9fa64d0f00b3168
	Fedorchenko, V.D. , Chebotarev, V.V., Garkusha, I.E., Medvedev, A.V., Tereshin, V.I., Shevchuk, B.A.	Influence of multipolar magnetic field geometry of ECR planar plasma source on plasma parameters (2008) Problems of Atomic Science and Technology, (6), pp. 201-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549272713&partnerID=40&md5=2c00a348369b3ae2ffa30d3ebe931c1
	Bolotov, V.N., Kononenko, S.I., Muratov, V.I., Fedorchenko, V.D.	Generation of non-relativistic electron bunches and measurement of their basic parameters (2008) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 596 (3), pp. 285-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-54549123340&doi=10.1016%2fj.nima.2008.08.069&partnerID=40&md5=f706cc27506fc80aaf44a5a9ae6ec859
	Fedorchenko, V.D. , Bovda, A.M., Bovda, V.A., Chen, C.H., Chebotarev, V.V., Garkusha, I.E., Liu, S., Medvedev, A.V., Tereshin, V.I.	ECR plasma-assisted PVD deposition of α -Fe thin film on melt-spun Nd-Fe-B alloys (2008) AIP Conference Proceedings, 993, pp. 403-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42449139714&doi=10.1063%2f1.2909161&partnerID=40&md5=3b7100373e2e6efdbb8c8f9bd28274d9
	Bolotov, V.N., Fedorchenko, V.D. , Kononenko, S.I., Muratov, V.I.	Microwave radiation of nonrelativistic electron bunches passing through diaphragms (2007) Proceedings of the 36th European Microwave Conference, EuMC 2006, статья № 4058116, pp. 1473-1475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41649094676&doi=10.1109%2fEUMC.2006.281336&partnerID=40&md5=7ec03ca29f894cc0ee5f461b4306aeb
	Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P., Muratov, V.I., Bolotov, V.N., Fedorchenko, V.D.	Generation of electromagnetic waves by nonrelativistic charged particle interaction with metal surfaces (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 392-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947163852&doi=10.1016%2fj.nimb.2006.12.035&partnerID=40&md5=d741ff62f939b7fc1f09f2770439d9a
	Tereshin, V., Bovda, A., Bovda, V., Byrka, O., Chebotarev, V., Fedorchenko, V. , Garkusha, I.	Thin films deposition with ECR planar plasma source (2006) Vacuum, 80 (11-12), pp. 1272-1277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747756790&doi=10.1016%2fj.vacuum.2006.01.032&partnerID=40&md5=cbb956b2f33e54e40c4c7b9490d8c9e
	Garkusha, I.E., Bovda, A.M., Bovda, V.A., Chebotarev, V.N., Fedorchenko, V.D. , Matyushenko, N.N., Tereshin, V.I., Tortika, A.S.	Modification of the structure and surface layer properties of hard magnetic materials with plasma processing (2006) AIP Conference Proceedings, 812, pp. 465-468.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751248994&doi=10.1063%2f1.2168886&partnerID=40&md5=b762754dd28fb5077eb65718648de16e
	Bolotov, V.N., Fedorchenko, V.D. , Kononenko, S.I., Muratov, V.I.	Influence of diaphragms geometry on transition radiation spectrum formation by electron bunches (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CrMiCo 2005 - Conference Proceedings, 2, статья № 1565100, pp. 701-703.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846286147&doi=10.1109%2fCRMICO.2005.1565100&partnerID=40&md5=e2ec82aab1c38c34858b52ce65f14b7
	Bolotov, V.N., Kononenko, S.I., Muratov, V.I., Fedorchenko, V.D.	Transition Radiation of Nonrelativistic Electron Bunches Passing through Diaphragms (2004) Technical Physics, 49 (4), pp. 466-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442631625&doi=10.1134%2f1.1736916&partnerID=40&md5=7570063fd7a5f11f85ea4f6065fd35b8
	Pashchenko, A.V., Rutkevich, B.N., Fedorchenko, V.D. , Mazalov, Yu.P.	HYSTERESIS AND CHARGE DUMPING IN AN ELECTRON BEAM. (1983) Soviet physics. Technical physics, 28 (1), pp. 42-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020607212&partnerID=40&md5=7238c7cbe899dc20eafa412388e66d4d
	Rutkevich, B.N., Pashchenko, A.V., Fedorchenko, V.D. , Mazalov, Yu.P.	STATIONARY WAVES IN A BOUNDED PLASMA. (1977) Sov Phys Tech Phys, 22 (1), pp. 63-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017338324&partnerID=40&md5=6d338704972cd2e47efe47b61e5cd411
	Rutkevich, B.N., Fedorchenko, V.D. , Muratov, V.I.	Asymmetry of combination frequency spectra in a bounded plasma (1971) Nuclear Fusion, 11 (1), pp. 51-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956207786&doi=10.1088%2f0029-5515%2f11%2f1%2f007&partnerID=40&md5=87c6dda596d38b8c2c729b1cfec27638
	Fedorchenko, V.D. , Rutkevich, B.N., Muratov, V.I.	Non-linear limitation of double-stream instability (1971) Nuclear Fusion, 11 (1), pp. 43-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932669871&doi=10.1088%2f0029-5515%2f11%2f1%2f006&partnerID=40&md5=a81d879f6d4638d027f81e9bac3d6013
	Fedorchenko, V.D.	Non-linear interaction of waves excited in a beam-plasma system (1968) Czechoslovak Journal of Physics, 18 (5), p. 682.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250507046&doi=10.1007%2fBF01691031&partnerID=40&md5=f0b6ebac79e5e9c0d6d043f739eb3241
154.	Svechkarev, D., Grygorovych, O.V.	Tournament of Young Chemists in Ukraine: Engaging Students in Chemistry through a Role-Playing Game-Style Competition (2016) Journal of Chemical Education, 93 (5), pp. 874-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969677202&doi=10.1021%2facs.jchemed.5b00618&partnerID=40&md5=3be7cb16a13e2dc158013f6c7370f45
	Doroshenko, A.O., Matsakov, A.Yu., Nevskii, O.V., Grygorovych, O.V.	Excited state intramolecular proton transfer reaction revisited: S 1 state or general reversibility? (2012) Journal of Photochemistry and Photobiology A: Chemistry, 250, pp. 40-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867835309&doi=10.1016%2fj.jphotochem.2012.09.010&partnerID=40&md5=ddfe80bbae9ec43082c3f47e6f6358f1
	Tykhonov, D.O., Sanin, E.V., Grygorovych, O.V. , Serikova, I.I., Yaremchenko, F.G., Roshal, A.D.	Photophysical and photochemical processes in cinnamoyl pyrones: Influence on spectral properties and photostability (2011) Functional Materials, 18 (3), pp. 339-347.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856728186&partnerID=40&md5=1772575e3c40fc68164cc0b86c24ef37
	Grygorovych, O.V. , Nevskii, O.V., Moskalenko, S.M., Pivovarenko, V.G., Doroshenko, A.O.	Protolytic properties of the structurally rigid analogs of 2,6-distyrylpyridine. Widening the pH sensitivity range by the photochemical E→Z isomerisation and introduction of substituents capable to protolytic interactions (2010) Central European Journal of Chemistry, 8 (4), pp. 766-782.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953881893&doi=10.2478%2f11532-010-0051-x&partnerID=40&md5=d37721ce23ca6a71a0540f37d2ae4564
	Grygorovych, O.V. , Moskalenko, S.M., Marekha, B.A., Doroshenko, A.O.	Heterogeneous wide range pH-sensing materials allowing ratiometric fluorescence detection based on structurally rigid analogs of 2,6-distyrylpyridine. (2010) Journal of fluorescence, 20 (1), pp. 115-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952296636&doi=10.1007%2f10895-009-0529-0&partnerID=40&md5=1197e902015c6f520401251e43d671a4
	Lukavenko, O.N., Eltsov, S.V., Grigorovich, A.V. , Mchedlov-Petrosyan, N.O.	Solubility and fluorescence lifetime of 2,5-diphenyloxazole and 1,4-bis(5-phenyloxazolyl-2)benzene in water-ethanol and water-acetone solvent systems (2009) Journal of Molecular Liquids, 145 (3), pp. 167-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-61349083604&doi=10.1016%2fj.molliq.2008.07.011&partnerID=40&md5=921976226de2fcd7d1f7b694eb23643
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Bezkravnyaya, O.N., Yakubovskaya, A.G., Tolmachev, A.V., Grigorovich, A.V.	Fluorescent dye N,N'-di-octadecylrhodamine as a new interfacial acid-base indicator (2008) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 69 (4), pp. 1125-1129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40749123037&doi=10.1016%2fj.saa.2007.06.011&partnerID=40&md5=338ecf9ebf2a05f43855b6405f30e9e
	Mchedlov-Petrosyan, N.O., Yakubovskaya, A.G., Grigorovich, A.V. , Alekseeva, V.I., Savvina, L.P.	A novel probe for determination of electrical surface potential of surfactant micelles: N,N'-di-n-octadecylrhodamine (2007) Journal of Physical Organic Chemistry, 20 (5), pp. 332-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249692410&doi=10.1002%2fjoc.1150&partnerID=40&md5=5e3a343a33cd706ab0dea5639239be9a
	Starukh, G.N., Ereminenko, A.M., Smirnova, N.P., Chuiiko, A.A., Grigorovich, A.V. , Doroshenko, A.O.	Fluorescent properties of pyrene- β -cyclodextrin inclusion complexes in titanium-silica sols (2006) Colloid Journal, 68 (2), pp. 236-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645671174&doi=10.1134%2f1061933X06020165&partnerID=40&md5=ead52a29e2f1f51c92cf48aba374bd2
	Valyuk, V.F., Pivovarenko, V.G., Grigorovich, A.V. , Doroshenko, A.O.	Spectral and acid-base properties of arylidene derivatives of dicyclopentano[b,e]pyridines serving as fluorescent pH-indicators (2004) Theoretical and Experimental Chemistry, 40 (4), pp. 266-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23944433479&doi=10.1023%2f1033a3A3HEC.0000041813.53353.94&partnerID=40&md5=0c4e002efc42759b1365f7697e499bb8
	Munoz, A., Roshal, A.D., Richelme, S., Leroy, E., Claparois, C., Grigorovich, A.V. , Pivovarenko, V.G.	Identification and structural assessment of alkaline-earth metal complexes with flavonols by FAB mass spectrometry (2004) Russian Journal of General Chemistry, 74 (3), pp. 438-445.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042788760&doi=10.1023%2f1033a3RUGC.0000030403.41976.5c&partnerID=40&md5=313a6e97652f616490f77bc9dae54cb9

	Pivovarenko, V.G., Grygorovych, A.V. , Valuk, V.F., Doroshenko, A.O.	Structurally rigid 2,6-distyrylpyridines - A new class of fluorescent dyes. 1. Synthesis, steric constitution and spectral properties (2003) Journal of Fluorescence, 13 (6), pp. 479-487.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3543145401&doi=10.1023%2FB%3aJOFL.0000008058.34149.df&partnerID=40&md5=df445fdda974e5deb1f140bdc3bd042
	Doroshenko, A.O., Sychevskaya, L.B., Grygorovych, A.V. , Pivovarenko, V.G.	Fluorescence Probing of Cell Membranes with Azacrown Substituted Ketocyanine Dyes (2002) Journal of Fluorescence, 12 (3-4), pp. 455-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1942518333&doi=10.1023%2FA%3a1011374212498&partnerID=40&md5=87e7cadce1496dc12f7b23a74da54f33c
	Doroshenko, A.O., Grigorovich, A.V. , Posokhov, E.A., Pivovarenko, V.G., Demchenko, A.P., Sheiko, A.D.	Complex formation between azacrown derivatives of dibenzylidenecyclopentanone and alkali-earth metal ions (2001) Russian Chemical Bulletin, 50 (3), pp. 404-412.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035537433&doi=10.1023%2FA%3a1011392619954&partnerID=40&md5=333637cd7a178f873065ac6d0f4613f
	Paranich, A.V., Tyslenko, K.V., Frolova, N.A., Grigorovich, A.-V. , Doroshenko, A.O., Roshal, A.D., Aldabaev, Yu.V., Zakrevskii, D.I., Svetlakova, N.N.	Structural and functional changes in different cells after irradiation (2001) Biofizika, 46 (6), pp. 1106-1107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040749136&partnerID=40&md5=138a5cc707c322a47b5973f07e22cec9
	Paranich, A.V., Tyslenko, K.V., Frolova, N.A., Grigorovich, A.V. , Doroshenko, A.O., Roshal, A.D., Aldabaev, I.V., Zakrevskii, D.I., Svetlakova, N.N.	Structural and functional changes in various cells following radiation exposure [Strukturno-funktsional'nye izmeneniia v kletkakh razlichnykh tipov posle radiatsionnogo vozdeistviia.] (2001) Biofizika, 46 (6), pp. 1103-1107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035515804&partnerID=40&md5=36f549c2b5829a97570e89345c8cda9f
	Paranich, A.V., Popov, N.N., Roshal, A.D., Zhivotova, E.N., Grigorovich, A.V.	Study of thymocytes resistance to ionising irradiation in vitro [Izuchenie ustoiichivosti timotsitov k ioniziruiushchemu izlucheniui v usloviakh in vitro.] (2000) Radiatsionnaia biologiya, radioecologia / Rossiiskaia akademiia nauk, 40 (6), pp. 688-692.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034327697&partnerID=40&md5=028bdd52a0664edba888978ca2587d
	Roshal, A.D., Grigorovich, A.V. , Doroshenko, A.O., Pivovarenko, V.G., Demchenko, A.P.	Flavonols as metal-ion chelators: Complex formation with Mg ²⁺ and Ba ²⁺ cations in the excited state (1999) Journal of Photochemistry and Photobiology A: Chemistry, 127 (1-3), pp. 89-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002621228&partnerID=40&md5=5483771f48577db6a31011f2b5d5a108
	Roshal, A.D., Grigorovich, A.V. , Doroshenko, A.O., Pivovarenko, V.G., Demchenko, A.P.	Flavonols and crown-flavonols as metal cation chelators. The different nature of Ba ²⁺ and Mg ²⁺ complexes (1998) Journal of Physical Chemistry A, 102 (29), pp. 5907-5914.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000997755&partnerID=40&md5=317005e66a8472aca983201a67a78467
155.	Psarev, V., Ovcharenko, A. , Shkuratov, Yu., Belskaya, I., Videen, G.	Photometry of particulate surfaces at extremely small phase angles (2007) Journal of Quantitative Spectroscopy and Radiative Transfer, 106 (1-3), pp. 455-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247537904&doi=10.1016%2fj.jqsrt.2007.01.028&partnerID=40&md5=bd48b83bae1c1e39a23ed3a3de05f49f
	Ovcharenko, A.A. , Bondarenko, S.Yu., Zubko, E.S., Shkuratov, Y.G., Videen, G., Nelson, R.M., Smythe, W.D.	Particle size effect on the opposition spike and negative polarization (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (3), pp. 394-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747159315&doi=10.1016%2fj.jqsrt.2006.02.036&partnerID=40&md5=ff8f2f49b2a90710a12ae36161f30fa9
	Ovcharenko, A. , Bondarenko, S., Shkuratov, Y., Scotto, C., Merritt, C., Hart, M., Eversole, J., Videen, G.	Backscatter effects of surfaces composed of dry biological particles (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (3), pp. 462-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646770362&doi=10.1016%2fj.jqsrt.2006.02.037&partnerID=40&md5=d00c342f5bb92f917fa415783a072244
	Shkuratov, Y., Bondarenko, S., Ovcharenko, A. , Pieters, C., Hiroi, T., Volten, H., Muñoz, O., Videen, G.	Comparative studies of the reflectance and degree of linear polarization of particulate surfaces and independently scattering particles (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 100 (1-3), pp. 340-358.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645035938&doi=10.1016%2fj.jqsrt.2005.11.050&partnerID=40&md5=f79ea51b5e1cb1b2bb07e754eb789dfa
	Bondarenko, S., Ovcharenko, A. , Shkuratov, Y., Videen, G., Eversole, J., Hart, M.	Light backscatter by surfaces composed of small spherical particles (2006) Applied Optics, 45 (16), pp. 3871-3877.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746067897&doi=10.1364%2fao.45.003871&partnerID=40&md5=4360c81212c6ee8c739f2ff533a869cf
	Belskaya, I.N., Shkuratov, Yu.G., Efimov, Yu.S., Shakhovskoy, N.M., Gil-Hutton, R., Cellino, A., Zubko, E.S., Ovcharenko, A.A. , Bondarenko, S.Yu., Shevchenko, V.G., Fornasier, S., Barbieri, C.	The F-type asteroids with small inversion angles of polarization (2005) Icarus, 178 (1), pp. 213-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27244451630&doi=10.1016%2fj.icarus.2005.04.015&partnerID=40&md5=873e4a9de724714ea7b7ea53d495e8d1
	Zubko, E., Ovcharenko, A. , Bondarenko, S., Shkuratov, Y., Scotto, C., Merritt, C., Hart, M., Eversole, J., Videen, G.	Backscattering of agglomerate particles (2004) Proceedings of SPIE - The International Society for Optical Engineering, 5617, статья № 63, pp. 407-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17644399427&doi=10.1117%2f12.578110&partnerID=40&md5=84b1e5f0d15e0accb1229dd7187fac10
	Shkuratov, Yu., Ovcharenko, A. , Zubko, E., Volten, H., Munoz, O., Videen, G.	The negative polarization of light scattered from particulate surfaces and of independently scattering particles (2004) Journal of Quantitative Spectroscopy and Radiative Transfer, 88 (1-3), pp. 267-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344646957&doi=10.1016%2fj.jqsrt.2004.03.029&partnerID=40&md5=2b68dca76de3fde0160f78be7eb1abcf
	Shkuratov, Yu.G., Ovcharenko, A.A.	Polarization of light scattered by surfaces with complex microstructure at phase angles 0.1°-3.5° (2002) Solar System Research, 36 (1), pp. 62-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036113446&doi=10.1023%2FA%3a1014277628134&partnerID=40&md5=07bd89c22b0b2f01bada7c7191e41ed
	Muinenen, K., Shkuratov, Yu., Ovcharenko, A. , Piironen, J., Stankevich, D., Miloslavskaya, O., Kaasalainen, S., Josset, J.-L.	The SMART-1 AMIE experiment: Implication to the lunar opposition effect (2002) Planetary and Space Science, 50 (14-15), pp. 1339-1344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036951468&doi=10.1016%2fS0032-0633%2802%2900128-9&partnerID=40&md5=47f3c0e81448339680df0ba3ac42cac4
	Shkuratov, Yu., Ovcharenko, A. , Zubko, E., Miloslavskaya, O., Muinenen, K., Piironen, J., Nelson, R., Smythe, W., Rosenbush, V., Helfenstein, P.	The opposition effect and negative polarization of structural analogs for planetary regoliths (2002) Icarus, 159 (2), pp. 396-416.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036799036&doi=10.1006%2fjcar.2002.6923&partnerID=40&md5=65251b0e9dcbcd5bec6e94eeb1265e23
	Zubko, E.S., Ovcharenko, A.A. , Shkuratov, Yu.G.	Polarimetric Weak-Localization Effect in Scattering of Natural Light in the Region of Small Phase Angles (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 92 (3), pp. 443-448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011059772&doi=10.1134%2f1.1465472&partnerID=40&md5=f566b0266fa28ce668aba8984e10ade0
	Ovcharenko, A.A. , Shkuratov, Y.G., Nelson, R.M.	Characteristics of Light Scattering at Small Phase Angles by Surfaces Consisting of Spherical Particles (2001) Solar System Research, 35 (4), pp. 291-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035594808&doi=10.1023%2FA%3a1010559401148&partnerID=40&md5=b4b03802c1759779d7a5f50342c32a1
	Ovcharenko, A.A. , Shkuratov, Yu.G.	Weak-localization effect for light backscattered by surfaces with a complex structure (2000) Optika i Spektroskopiya, 88 (2), pp. 291-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011018225&partnerID=40&md5=c5f30cf0eb848d48f15f2bd832059b2b
	Ovcharenko, A.A. , Shkuratov, Yu.G.	Weak-Localization Effect for Light Backscattered by Surfaces with a Complex Structure (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (2), pp. 253-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141449076&doi=10.1134%2f1.626788&partnerID=40&md5=ca41d1ee70013c2895f45f42b56207ac
	Shkuratov, Y.G., Kreslavsky, M.A., Ovcharenko, A.A. , Stankevich, D.G., Zubko, E.S., Pieters, C., Arnold, G.	Opposition Effect from Clementine Data and Mechanisms of Backscatter (1999) Icarus, 141 (1), pp. 132-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009082889&doi=10.1006%2fjcar.1999.6154&partnerID=40&md5=3c5e1df192f28b7937862aadbbd7797
	Shkuratov, Yu.G., Ovcharenko, A.A.	Brightness opposition effect: A theoretical model and laboratory measurements (1998) Solar System Research, 32 (4), pp. 276-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042968661&partnerID=40&md5=8e9129c8cf3349db03864e55d78af515
	Shkuratov, Yu.G., Stankevich, D.G., Ovcharenko, A.A. , Ksanfomaliti, L.V., Petrova, E.V., Arnold, G.	Amplitude of the Martian opposition effect from the phobos-2 data (1998) Solar System Research, 32 (2), pp. 90-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22044439628&partnerID=40&md5=41a667f3739a3f0e6066a73228eb2aca
	Shkuratov, Yu.G., Stankevich, D.G., Ovcharenko, A.A. , Korokhin, V.V.	A Study of light backscattering from planetary-regolith-type surfaces at phase angles 0.2°-3.5° (1997) Solar System Research, 31 (1), pp. 50-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644515335&partnerID=40&md5=5d78f8f4682dc3cf2175f54a03af9c63
156.	Rudych, V.G. , Azarenkov, M.O., Girka, I.O., Rudych, Y.V., Shchus, O.P.	Contribution of radionuclides to heat release in the process of SNF dry storage (2017) Problems of Atomic Science and Technology, 108 (2), pp. 91-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019080636&partnerID=40&md5=744511e24ae4b64f70db8f63680d2add
	Rudych, V.G. , Azarenkov, N.A., Girka, I.A., Rudych, E.V.	Irradiation Dose Minimization by Optimizing the Arrangement of Radiation Sources of Different Intensity (2016) Atomic Energy, 119 (4), pp. 285-290.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953379085&doi=10.1007%2fs10512-016-0061-7&partnerID=40&md5=c5ff36f7ec1e835af933cfd2905eb6f7

	Rudychiev, V.G. , Girk, I.O., Rudychiev, Y.V.	Influence of certain radionuclides on outer radiation of spent nuclear fuel at dry storage (2016) Problems of Atomic Science and Technology, 105 (5), pp. 48-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994320299&partnerID=40&md5=cc4d90a95e31f4d245b6ad037c9dc5f2
	Rudychiev, V.G. , Girk, I.O., Rudychiev, Y.V., Kaplij, A.A., Shchus, O.P., Sokolstova, T.O.	Change of radioactive waste characteristics at their processing and storage at nuclear power plants (2015) Problems of Atomic Science and Technology, 97 (3), pp. 83-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932165222&partnerID=40&md5=2bd8756d6ad9c1f2cd3d50a13538b19d
	Rudychiev, V.G. , Rudychiev, Y.V., Azarenkov, N.A., Bondar, A.Y.	Optimization of the Detection System for 16 registration along with coolant leaks in the wwer-1000 steam generator (2013) Problems of Atomic Science and Technology, (3), pp. 259-267.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879166180&partnerID=40&md5=8c38ff33c9f4a651e98e9abe939cf41e
	Zalubovskiy, I.I., Pismenetskiy, S.A., Rudychiev, V.G. , Klimov, S.P., Kravets, V.M., Luchnaja, A.E., A.Tishchenko, V., Rudychiev, E.V.	Protective structures for storing spent nuclear fuel from the Zaporozhye NPP (2012) Atomic Energy, pp. 1-8. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864654408&doi=10.1007%2f10512-012-9555-0&partnerID=40&md5=447ae7f835d77e471877fea8dadad3d7
	Zalubovskiy, I.I., Pismenetskiy, S.A., Rudychiev, V.G. , Klimov, S.P., Kravets, V.M., Luchnaja, A.E., Tishchenko, V.A., Rudychiev, E.V.	Protective structures for storing spent nuclear fuel from the zaporozhye npp (2012) Atomic Energy, 112 (4), pp. 261-268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868594883&doi=10.1007%2f10512-012-9555-0&partnerID=40&md5=cb3001c2074a15daa98d8ef56c009faf
	Zalyubovskii, I.I., Pismenetskiy, S.A., Rudychiev, V.G. , Klimov, S.P., Luchnaya, A.E., Rudychiev, E.V.	External radiation of a container used for dry storage of spent VVER-1000 nuclear fuel from the Zaporozhie nuclear power plant (2011) Atomic Energy, pp. 1-8. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955080141&doi=10.1007%2f10512-011-9374-8&partnerID=40&md5=d32769f1b855eebec95390b2dc0ba4ee
	Zalyubovskii, I.I., Pismenetskiy, S.A., Rudychiev, V.G. , Klimov, S.P., Luchnaya, A.E., Rudychiev, E.V.	External radiation of a container used for dry storage of spent VVER-1000 nuclear fuel from the Zaporozhie nuclear power plant (2011) Atomic Energy, 109 (6), pp. 396-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79958843313&doi=10.1007%2f10512-011-9374-8&partnerID=40&md5=d9f89b1239b6323c4268cdf24566cb0
	Lazurik, V.T., Pismenesky, S.A., Popov, G.F., Rudychiev, D.V. , Rudychiev, V.G.	An increase of utilization efficiency of X-ray beam (2007) Radiation Physics and Chemistry, 76 (11-12), pp. 1787-1791.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548588174&doi=10.1016%2fj.radphyschem.2007.03.019&partnerID=40&md5=ac97c167600e6030ef2aa547ac421029
	Popov, G., Avilov, A., Deruga, V., Popova, N., Rudychiev, V.	Radiation processing of composites for orthopaedic implants (2003) Proceedings of the IEEE Particle Accelerator Conference, 3, pp. 1619-1621.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4143125551&partnerID=40&md5=d1dd5565518f6b04e4c715ae70c01920
	Lisitsky, A., Pismenesky, S., Popov, G., Rudychiev, V.	Quality improvement of irradiating technique (2002) Radiation Physics and Chemistry, 63 (3-6), pp. 591-594.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036120768&doi=10.1016%2f0969-806X%2801%2900651-X&partnerID=40&md5=cda2039993136c880aa2e3c21710d676
	Pismenesky, S., Popov, G., Rudychiev, V.	Reproduction of a given particle distribution by means of scanner (2002) Radiation Physics and Chemistry, 63 (3-6), pp. 601-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036118580&doi=10.1016%2f0969-806X%2801%2900652-1&partnerID=40&md5=d465c431063ebf158ba12bc4dc79a31
	Lisetskij, A.V., Rudychiev, V.G.	Dose equalization in depth during electron irradiation (2001) Atomnaya Energiya, 90 (5), pp. 398-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035772297&partnerID=40&md5=9c6fa9914a4f1a803ce62491fe7b2f9a
	Lisetskij, A.V., Rudychiev, V.G.	Depth smoothing of the dose under irradiation by electrons (2001) Atomic Energy, 90 (5), pp. 417-424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035729582&partnerID=40&md5=f633877fcb949e3501a811b72d5ea30
	Avilov, A., Deruyga, V., Popov, G., Rudychiev, V. , Zalyubovskiy, I.	Non-waste and resource-saving radiation process of polymer modified wood production (1999) Proceedings of the IEEE Particle Accelerator Conference, 4, pp. 2549-2551.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033315067&partnerID=40&md5=7f405d72fe318231518639e0619d0477
	Panasenko, A.I., Rudychiev, V.G.	Optimizing the beam parameters of linear electron accelerators for some radiation processes (1991) Soviet Atomic Energy, 70 (4), pp. 304-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026241075&doi=10.1007%2fBF01138222&partnerID=40&md5=a2793e809da2ae896da381d5aa1d99dc
	Pyshkin, V.B., Rudychiev, V.G. , Chugunov, V.P.	Economical variable current supply (1988) Instruments and experimental techniques New York, 30 (6 pt 2), pp. 1421-1424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024018695&partnerID=40&md5=fbf7ec71869868297012de2f8e5d74c9
	Afanas'yev, V.D., Vzhnyakov, V.A., Rudychiev, V.G.	GROUPING OF ELECTRON BUNCHES BY SEVERAL RESONATORS. (1978) Radio Eng Electron Phys, 23 (5), pp. 87-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017962650&partnerID=40&md5=a3a11cc6d8a60ebf69723b2c36d0845
157.	Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Ponomarenko, T.V., Yurchenko, O.I.	On some regularities of magnesium oxide solubility in melts with different content of alkaline earth metal chlorides (2017) Journal of Chemical Thermodynamics, 113, pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020051790&doi=10.1016%2fj.jct.2017.05.034&partnerID=40&md5=032ff008c00c0703dd183547263bce21
	Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Yurchenko, O.I.	On the behaviour of Eu oxo-species in molten NaBr-NaI (0.77:0.23) mixture at 973 K (2017) Physics and Chemistry of Liquids, 55 (2), pp. 248-253.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975282876&doi=10.1080%2f00319104.2016.1198484&partnerID=40&md5=a5b17301cd73fa9b008b4fe06d952627
	Cherginets, V.L., Rebrova, T.P., Ponomarenko, T.V., Rebrov, A.L., Yurchenko, O.I. , Dolzhenko, Y.I.	Investigation of the course of K2SrCl4 melt deoxidization with CCl4 vapor (2017) Reaction Kinetics, Mechanisms and Catalysis, 120 (1), pp. 31-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994299200&doi=10.1007%2f11144-016-1099-1&partnerID=40&md5=a301ef1c469f21bd97ab78962f8b81aa
	Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Ponomarenko, T.V., Yurchenko, O.I.	Polythermal study of magnesium oxide solubility in molten K2SrCl4 (2016) Journal of Chemical Thermodynamics, 102, pp. 248-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978654122&doi=10.1016%2fj.jct.2016.07.019&partnerID=40&md5=499eda0668449b16c1f7d50131f1bf
	Yurchenko, O.I. , Kalinenko, O.S., Baklanov, A.N., Belov, E.A., Baklanova, L.V.	Sonoluminescence Spectroscopy as a Promising New Analytical Method (2016) Journal of Applied Spectroscopy, 83 (1), pp. 105-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961209247&doi=10.1007%2f10812-016-0250-0&partnerID=40&md5=09bd431310963bc675435145d523c68
	Yurchenko, O. , Kalinenko, O., Baklanov, O., Baklanova, L.	The use of ultrasound for obtaining pharmaceutical grade sodium chloride (2016) Chemistry and Chemical Technology, 10 (3), pp. 337-341.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018985731&partnerID=40&md5=f33b98d132c6c2f9ba8916df3bf62a94
	Cherginets, V.L., Rebrova, T.P., Naumenko, V.A., Rebrov, A.L., Yurchenko, O.I.	Regularities of deep deoxidization of molten ionic chlorides in reactive gas atmosphere (2016) RSC Advances, 6 (63), pp. 58780-58785.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976542218&doi=10.1039%2fc6ra11551a&partnerID=40&md5=79f611b63881b79fec2a12a3d0026cbc
	Pushkarova, Y.N., Sledzevskaya, A.B., Panteleimonov, A.V., Titova, N.P., Yurchenko, O.I. , Ivanov, V.V., Kholin, Y.V.	Identification of water samples from different springs and rivers of Kharkiv: Comparison of methods for multivariate data analysis (2013) Moscow University Chemistry Bulletin, 68 (1), pp. 60-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&doi=10.3103%2f20027131412060077&partnerID=40&md5=563de9977cfc6550ec5abde61315ab54
	Yurchenko, O.I. , Titova, N.P., Kurochkina, E.S.	Selection of sample preparation methods for petroleum products for atomic spectral analysis (2010) Journal of Applied Spectroscopy, 77 (2), pp. 296-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953126063&doi=10.1007%2f10812-010-9330-8&partnerID=40&md5=3027de8e6b710a04749f5770fc9c21f7
	Yurchenko, O.I. , Kharenko, I.P., Titova, N.P.	Increasing the sensitivity and accuracy of zinc determination in atomic absorption spectrometry (2008) Journal of Applied Spectroscopy, 75 (2), pp. 283-287.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49149091890&doi=10.1007%2f10812-008-9041-6&partnerID=40&md5=96dd7efd9bc99064e53f7b730af76781
	Yurchenko, O. , Belikov, K., Shevtsov, N.	Investigation of chromium(III) acetylacetonate as a calibration reference material for atomic absorption spectroscopy (2008) Microchimica Acta, 160 (1-2), pp. 109-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38349087167&doi=10.1007%2f00604-007-0851-7&partnerID=40&md5=343e8ed1c86a50a7e2b3aaa530c90fc2
	Yurchenko, O.I. , Kharenko, I.P.	Increasing the sensitivity of atomic absorption determination of iron (2007) Journal of Applied Spectroscopy, 74 (2), pp. 295-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547867109&doi=10.1007%2f10812-007-0046-3&partnerID=40&md5=91ab8ab061c74a30bd07a309e4c9ff4
	Yurchenko, O.I. , Yurchenko, L.A., Titova, N.P.	Study of iron acetyl-acetonate (III) as standard composition sample for atomic-absorption spectrometry (2005) Zavodskaya Laboratoriya. Diagnostika Materialov, 71 (8), pp. 15-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844437738&partnerID=40&md5=39cab0c7c3eaae2491b8c754de5b0b5

	Yurchenko, O.I. , Shkumat, A.A., Titova, N.P.	Influence of the elemental composition and concentration of surfactants on the atomic absorption of chromium (2005) Journal of Applied Spectroscopy, 72 (4), pp. 594-598.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27744507013&doi=10.1007%2F10812-005-0118-1&partnerID=40&md5=97ba947ba56749c8b38fc04afc10
	Yurchenko, O.I. , Titova, N.P., Vasil'eva, N.V.	Study of copper (II) acetylacetonate as reference material for atomic absorption spectroscopy (2004) Ukrainiskij Khimicheskij Zhurnal, 70 (5-6), pp. 119-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12244284669&partnerID=40&md5=5948ae24da3be146f0b6dda73f8bf9f9
	Yurchenko, O.I. , Yurchenko, L.A., Titova, N.P., Blank, T.A.	Investigation of mercury(I) dimedonate as a reference sample for atomic-absorption spectrometry (2004) Journal of Analytical Chemistry, 59 (8), pp. 712-714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344581528&doi=10.1023%2F93a3AJANC.0000037273.84338.3a&partnerID=40&md5=be5c89c3ca18f062566be13be1c75143
	Yurchenko, O.I. , Bugaevskij, A.A., Titova, N.P., Yurchenko, L.A.	Estimation of the detection limit of reactions of interaction of dimedone with mercury (I) aldehydes and ions (2004) Ukrainiskij Khimicheskij Zhurnal, 70 (1-2), pp. 38-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542513221&partnerID=40&md5=7cd3bc3e948e74492af111b88ed8406b
	Yurchenko, O.I. , Yurchenko, L.A., Titova, N.P., Blank, T.A.	Investigation of mercury(I) dimedonate as a reference sample for atomic-absorption spectrometry (2004) Zhurnal Analiticheskoy Khimii, 59 (8), pp. 801-802.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5644298988&partnerID=40&md5=cde031ae5a9279e01c2ffebfccc45f9
	Mel'nik, V.V., Yurchenko, O.I.	DETERMINING CALCIUM AND MAGNESIUM IN DISCHARGES FROM FERROUS-METALLURGY PLANTS BY ATOMIC ABSORPTION. (1985) Industrial laboratory, 51 (6), pp. 499-500.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022079603&partnerID=40&md5=6b6547fb46817b2577d2c9029c951f3d
158.	Favorov, S.Y.	Fourier quasicrystals and Lagarias' conjecture (2016) Proceedings of the American Mathematical Society, 144 (8), pp. 3527-3536.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969787023&doi=10.1090%2Fproc%2F12979&partnerID=40&md5=20ed88e6f9a1d70ba2e1ffde1143c0be
	Girya, N.P., Favorov, S.Y.	Various definitions of Spectrum of almost periodic functions (2015) Ufa Mathematical Journal, 7 (4), pp. 58-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959048002&doi=10.13108%2F2015-7-4-58&partnerID=40&md5=15fe1f4348420de6b9e7161c91812008
	Favorov, S. , Golinskii, L.	Blaschke-type conditions on unbounded domains, generalized convexity, and applications in perturbation theory (2015) Revista Matematica Iberoamericana, 31 (1), pp. 1-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924424053&doi=10.4171%2Fmri%2F824&partnerID=40&md5=58280c97d62c09af9de743240a3cee
	Favorov, S.J. , Radchenko, L.D.	On analytic and subharmonic functions in unit disc growing near a part of the boundary (2013) Journal of Mathematical Physics, Analysis, Geometry, 9 (3), pp. 304-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883826302&partnerID=40&md5=b69c12c997b9bca617815015c0e509bd
	Favorov, S.	Discrete unbounded sets in a finite dimensional space and beyond (2013) Electronic Notes in Discrete Mathematics, 43, pp. 389-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883367312&doi=10.1016%2Fj.endm.2013.07.057&partnerID=40&md5=5711865a7dd493cb40527f5320463246
	Favorov, S. , Golinskii, L.	Blaschke-type conditions for analytic and subharmonic functions in the unit disk: Local analogs and inverse problems (2012) Computational Methods and Function Theory, 12 (1), pp. 151-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863220865&partnerID=40&md5=99a6630e4556c0761a2d691c8858692
	Favorov, S.	Bohr and besicovitch almost periodic discrete sets and quasicrystals (2012) Proceedings of the American Mathematical Society, 140 (5), pp. 1761-1767.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856180213&doi=10.1090%2FIS0002-9939-2011-11046-3&partnerID=40&md5=b02fc0198fdda9b497dca3d9301626bb
	Dudko, A., Favorov, S.	A uniformly spread measure criterion (2011) Analysis and Mathematical Physics, 1 (2-3), pp. 115-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883438904&doi=10.1007%2F13324-011-0008-z&partnerID=40&md5=384579c102fef61a4eb74978008b1aa1
	Favorov, S. , Kolbasina, Y.	Almost periodic discrete sets (2010) Journal of Mathematical Physics, Analysis, Geometry, 6 (1), pp. 34-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856197509&partnerID=40&md5=2236769784cfe846b640f2c4e2ecd918
	Favorov, S.Ju.	Sunyer-i-Balaguer's almost elliptic functions and Yosida's normal functions (2008) Journal d'Analyse Mathematique, 104 (1), pp. 307-340.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58449135363&doi=10.1007%2F11854-008-0026-4&partnerID=40&md5=7548d766a7f47fc8097e5625a7f15569
	Favorov, S. , Parfyonova, N.	Almost periodic mappings to complex manifolds (2004) North-Holland Mathematics Studies, 197 (C), pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956695443&doi=10.1016%2FIS0304-0208%2804%2980157-9&partnerID=40&md5=1f0708ebd7591c60ac610ae06a46e108
	Favorov, S.J.	Almost periodic divisors, holomorphic functions, and holomorphic mappings (2003) Bulletin des Sciences Mathematiques, 127 (10), pp. 859-883.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242595837&doi=10.1016%2Fj.bulsci.2003.06.001&partnerID=40&md5=dea89c5b6c5f2d6d0cd255e1cd1f4582e
	Favorov, S.Ju.	Zeros of holomorphic almost periodic functions (2001) Journal d'Analyse Mathematique, 84, pp. 51-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039253644&partnerID=40&md5=9cb27fbcfbdfb2c22fb7f73c98387798
	Favorov, S.Yu. , Rashkovskii, A.Yu.	Holomorphic almost-periodic functions (2001) Acta Applicandae Mathematicae, 65 (1-3), pp. 217-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034959367&doi=10.1023%2FA%3a1010628821403&partnerID=40&md5=605a77a7b64e83450d9a579e4e947634
	Favorov, S.Yu.	A generalized Kahane-Khinchin inequality (1998) Studia Mathematica, 130 (2), pp. 101-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000477893&partnerID=40&md5=4fa64157b53f3a574643a7fcd1fedbca
	Favorov, S. , Rashkovskii, A., Ronkin, L.	Almost periodic divisors in a strip (1998) Journal d'Analyse Mathematique, 74, pp. 325-345.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032411903&partnerID=40&md5=9d3a3c50da111a9dfdb405e86fee3a31
	Favorov, S. , Rashkovskii, A., Ronkin, L.	Almost periodic currents and holomorphic chains [Courants et chaînes holomorphes presque périodiques] (1998) Comptes Rendus de l'Academie des Sciences - Series I: Mathematics, 327 (5), pp. 445-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032165318&partnerID=40&md5=0909d07e4e9bc012010e02cb443b7b51
	Favorov, S.J.	On the addition of the indicators of entire and subharmonic functions of several variables (1978) Mathematics of the USSR - Sbornik, 34 (1), pp. 119-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915661658&doi=10.1070%2FISM1978v034n01ABEH001151&partnerID=40&md5=6d9afb229cf1436fec178e723cf13e2
159.	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G.	Laser-microwave spectroscopy of Ag I atoms in F Rydberg state (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, статья № 6144990, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857559335&doi=10.1109%2FIFNM.2011.6144990&partnerID=40&md5=86c410aa3922be1ca9d0efb508cc8ead
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , Efimenko, M.N., Perepechay, M.P., MacAdam, K.B.	Laser-microwave spectroscopy of Au I atoms in F Rydberg state (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, статья № 5634190, pp. 255-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650350207&doi=10.1109%2FICAO.2010.5634190&partnerID=40&md5=dfbe122231fb3866dbde9a08ccdb7d8a
	MacAdam, K.B., Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , Kutsenko, A.S.	Laser-microwave spectroscopy of Cu i atoms in S, P, D, F and G Rydberg states (2009) Journal of Physics B: Atomic, Molecular and Optical Physics, 42 (16), статья № 165009, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350629576&doi=10.1088%2F0953-4075%2F42%2F16%2F165009&partnerID=40&md5=9632ffd7dcb341843f526162031bed60
	MacAdam, K.B., Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , Perepechay, M.P.	Microwave spectroscopy of Ag i atoms in Rydberg states: S, P and D terms (2009) Journal of Physics B: Atomic, Molecular and Optical Physics, 42 (8), статья № 085003, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64949201789&doi=10.1088%2F0953-4075%2F42%2F8%2F085003&partnerID=40&md5=17779efd93528d45926e530a6238f00d
	Kryvda, A.V., Gerasimov, V.G. , Dyubko, S.F., Alekseev, E.A., Motiyenko, R.A.	New measurements of the microwave spectrum of formamide (2009) Journal of Molecular Spectroscopy, 254 (1), pp. 28-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-60749109845&doi=10.1016%2Fj.jms.2008.12.001&partnerID=40&md5=879e3c54a608dc5543965b22cce73aee
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , Efimenko, M.N., Perepechay, M.P., MacAdam, K.B.	Laser-microwave spectroscopy of CU I atoms in S rydberg state (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671875, pp. 334-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849106828&doi=10.1109%2FICAO.2008.4671875&partnerID=40&md5=c65ff9dd4639e1d60fbcb735bb944202

	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , Efimenko, M.N., Perepechay, M.P.	Laser-microwave spectrometer for investigation of Cu and Ag atoms in Rydberg states (2007) MSMW07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, статья № 4294834, pp. 845-847.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249092387&doi=10.1109%2FMSMW.2007.4294834&partnerID=40&md5=2c4e67488c04d43d86d77f1f0146fc7
	Motiyenko, R.A., Alekseev, E.A., Kryvda, A.V., Gerasimov, V.G. , Dyubko, S.F.	Microwave spectrum of ¹³ C methyl iodide (2007) Journal of Molecular Spectroscopy, 245 (1), pp. 81-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548409603&doi=10.1016%2Fj.jms.2007.06.006&partnerID=40&md5=7a00c74cc4b8b3bdd43a008c1b75d050
	Efremov, V.A., Dyubko, S.F., Gerasimov, V.G. , Macadam, K.B.	Specification of the ionization potential of ali (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, статья № 4018212, pp. 100-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250851540&doi=10.1109%2FLFNM.2006.2519938&partnerID=40&md5=506ae128c9ad92966fec7a98ad6a562
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , Efimenko, M.N., MacAdam, K.B.	Laser-microwave spectroscopy of Au atoms Rydberg states (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, статья № 1553844, pp. 150-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483870&doi=10.1109%2FCAOL.2005.1553844&partnerID=40&md5=d3e9d4fb139b6b0011840108ef7d9af5
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , MacAdam, K.B.	Millimetre-wave spectroscopy of Au I Rydberg states: S, P and D terms (2005) Journal of Physics B: Atomic, Molecular and Optical Physics, 38 (8), pp. 1107-1118.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24144441670&doi=10.1088%2F0953-4075%2F38%2F8%2F003&partnerID=40&md5=cffa143e42536c12d5ee3eb0d0d5f3ca
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , Efimenko, M.N., MacAdam, K.B., Ilynskin, V., Alekseev, E.	Laser-microwave spectrometer for investigation of Al and Au atoms in rydberg states (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 155-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344263701&partnerID=40&md5=18c13d5fdded741c7267833ae29353e3
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , MacAdam, K.B.	Microwave spectroscopy of Al I atoms in $\ell = 0$ to 4 Rydberg states: Comprehensive quantum-defect analysis (2004) Journal of Physics B: Atomic, Molecular and Optical Physics, 37 (9), pp. 1967-1978.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542477059&doi=10.1088%2F0953-4075%2F37%2F9%2F016&partnerID=40&md5=fd8db27f2f0dbf657b3303c181fd3df6
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , MacAdam, K.B.	Microwave spectroscopy of Al I atoms in Rydberg states: D and G terms (2003) Journal of Physics B: Atomic, Molecular and Optical Physics, 36 (24), pp. 4827-4836.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346503899&doi=10.1088%2F0953-4075%2F36%2F24%2F006&partnerID=40&md5=c1936fd7b27067c3c73450eab347970
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , MacAdam, K.B.	Microwave spectroscopy of Al I Rydberg states: F terms (2003) Journal of Physics B: Atomic, Molecular and Optical Physics, 36 (18), pp. 3797-3804.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141938926&doi=10.1088%2F0953-4075%2F36%2F18%2F308&partnerID=40&md5=06d8bfeb63349dbb0a87cd40a1608f22
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G. , Efimenko, M.N., MacAdam, K.B.	Laser-microwave spectrometer for investigation of Al atom Rydberg states (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, статья № 1250530, pp. 131-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945130312&doi=10.1109%2FCAOL.2003.1250530&partnerID=40&md5=28e30207784d1f7105ce993eb26114d6
	Dyubko, S.F., Gerasimov, V.G. , Alekseev, E.A.	The phase locked loop as a detector of the resonance absorption in gases (ESR spectrometers) (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947320, pp. 811-813.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966657277&doi=10.1109%2FMSMW.2001.947320&partnerID=40&md5=8256636bc204455a2311adaf5d7ed650
	Gerasimov, V.G. , Dyubko, S.F., Efimenko, M.N., Efimenko, V.M., Efremov, V.A.	Spectrum of superradiation of calcium atoms, excited by a dye laser (1990) Journal of Applied Spectroscopy, 52 (4), pp. 340-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249959237&doi=10.1007%2FBF00660523&partnerID=40&md5=99cf3bda1c279c754575c873c22b990d
160.	Sklyar, K.V., Ignatovich, S.Yu.	Linearizability of systems of the class C1 with multi-dimensional control (2016) Systems and Control Letters, 94, pp. 92-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975487101&doi=10.1016%2Fj.sysconle.2016.05.016&partnerID=40&md5=a9d8e17e66757f4f73eb1eae701eeac5
	Sklyar, G.M., Ignatovich, S.Y. , Shugaryov, S.E.	Time-Optimal Control Problem for a Special Class of Control Systems: Optimal Controls and Approximation in the Sense of Time Optimality (2015) Journal of Optimization Theory and Applications, 165 (1), pp. 62-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959351601&doi=10.1007%2Fs10957-014-0607-6&partnerID=40&md5=b9f7a60ace02ef8a37a5ffe53f415291
	Sklyar, G.M., Ignatovich, S.Y.	Free algebras and noncommutative power series in the analysis of nonlinear control systems: An application to approximation problems (2014) Dissertationes Mathematicae, 504, 88 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919460326&doi=10.4064%2Fdm504-0-1&partnerID=40&md5=864febba8e2a6b571e162d0751d8e7c
	Sklyar, K.V., Ignatovich, S.Yu. , Skoryk, V.O.	Conditions of linearizability for multi-control systems of the class C1 (2014) Communications in Mathematical Analysis, 17 (2), pp. 359-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919654765&partnerID=40&md5=f7f3d7baf4e531c88db5dc69e2e07f
	Sklyar, G.M., Ignatovich, S.Y.	Series method in nonlinear time optimality (2011) Proceedings of the IEEE Conference on Decision and Control, статья № 6160291, pp. 3836-3841.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860688191&doi=10.1109%2FCDC.2011.6160291&partnerID=40&md5=bba4e0a545f8b20f4d93381eaa64484
	Ignatovich, S.Yu.	Normalization of homogeneous approximations of symmetric affine control systems with two controls (2011) Journal of Dynamical and Control Systems, 17 (1), pp. 1-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651507650&doi=10.1007%2Fs10883-011-9109-0&partnerID=40&md5=b104caada37c6650c3ea6d413eecefd
	Ignatovich, S.Y.	Realizable growth vectors of affine control systems (2009) Journal of Dynamical and Control Systems, 15 (4), pp. 557-585.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449532326&doi=10.1007%2Fs10883-009-9075-y&partnerID=40&md5=deacb7c5fdd9c8448667962158e10062
	Sklyar, G.M., Ignatovich, S.Y.	Determining of various asymptotics of solutions of nonlinear time-optimal problems via right ideals in the moment algebra (2009) Unsolved Problems in Mathematical Systems and Control Theory, pp. 117-121.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884856516&partnerID=40&md5=5c8822deac2767a958ed530880fb2e37
	Sklyar, G.M., Ignatovich, S.Y.	Fliess series, a generalization of the Ree's theorem, and an algebraic approach to a homogeneous approximation problem (2008) International Journal of Control, 81 (3), pp. 371-380.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41549085003&doi=10.1080%2F00207170701561427&partnerID=40&md5=c14ed11c5983ff493c2c7e99e86745a7
	Sklyar, G., Ignatovich, S.	Description of all privileged coordinates in the homogeneous approximation problem for nonlinear control systems (2007) Comptes Rendus Mathematique, 344 (2), pp. 109-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846030157&doi=10.1016%2Fj.crma.2006.11.016&partnerID=40&md5=48e416d150f1b8854dae0d8f6e6580d4
	Sklyar, G.M., Sklyar, K.V., Ignatovich, S.Yu.	On the extension of the Korobov's class of linearizable triangular systems by nonlinear control systems of the class 1 (2005) Systems and Control Letters, 54 (11), pp. 1097-1108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25144445369&doi=10.1016%2Fj.sysconle.2005.04.002&partnerID=40&md5=dae4872e9cb8b540d59fe4375e84c322
	Sklyar, G.M., Ignatovich, S.Yu.	Approximation of time-optimal control problems via nonlinear power moment problems (2003) SIAM Journal on Control and Optimization, 42 (4), pp. 1325-1346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4043183324&doi=10.1137%2FS0363012901398253&partnerID=40&md5=02eb386f5224a740bd3b0ce701dc6b14
	Sklyar, G.M., Ignatovich, S.Yu.	Representations of control systems in the Fliess algebra and in the algebra of nonlinear power moments (2002) Systems and Control Letters, 47 (3), pp. 227-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037163934&doi=10.1016%2FS0167-6911%2F2802%2900201-3&partnerID=40&md5=c6e1aa90e95ca4ba1fdcad30db669b45
	Sklyar, G.M., Ignatovich, S.Yu.	Moment approach to nonlinear time optimality (2000) SIAM Journal on Control and Optimization, 38 (6), pp. 1707-1728.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034542858&doi=10.1137%2FS0363012997329767&partnerID=40&md5=d18b93256b97b6495c4798c447344720
	Sklyar, G.M., Ignatovich, S.Yu.	Nonlinear power moment series and time optimality (1999) Doklady Akademii Nauk, 365 (6), pp. 742-744.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748815044&partnerID=40&md5=726aa564047b1f5deb786238854e3092
	Sklyar, G.M., Ignatovich, S.Yu.	Series of nonlinear power moments and time-optimal control (1999) Doklady Mathematics, 59 (2), pp. 304-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039525375&partnerID=40&md5=2caf63e066441c1d7619046b8129511d
	Sklyar, G.M., Ignatovich, S.Yu.	Local equivalence of time-optimal control problems and Markov moment min-problem (1996) ZAMM Zeitschrift für Angewandte Mathematik und Mechanik, 76 (SUPPL. 3), pp. 561-562.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748837428&partnerID=40&md5=a905489fa8a764713d1050d92006267c

	Sklyar, G.M., Ignatovich, S.Y.	A classification of linear time-optimal control problems in a neighborhood of the origin (1996) Journal of Mathematical Analysis and Applications, 203 (3), pp. 791-811.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030295867&doi=10.1006%2fjmaa.1996.0412&partnerID=40&md5=63c53020d139cf2ef5dd4931472c9927
161.	Zyman, Z.Z., Rokhmistrov, D.V., Glushko, V.I., Ivanov, I.G.	Thermal impurity reactions and structural changes in slightly carbonated hydroxyapatite (2009) Journal of Materials Science: Materials in Medicine, 20 (7), pp. 1389-1399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649103554&doi=10.1007%2f10856-009-3706-4&partnerID=40&md5=a2e0cfe00f4caa2294e0c4a57262b4c4
	Zyman, Z., Rokhmistrov, D., Ivanov, I. , Eppele, M.	The influence of foreign ions on the crystal lattice of hydroxyapatite upon heating (2006) Materialwissenschaft und Werkstofftechnik, 37 (6), pp. 530-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745755415&doi=10.1002%2fmawe.200600032&partnerID=40&md5=2d8e0aa3237e5f2b04411f862d254735
	Van Raamsdonk, J.M., Chang, P.L.	Osmotic pressure test: A simple, quantitative method to assess the mechanical stability of alginate microcapsules (2001) Journal of Biomedical Materials Research, 54 (2), pp. 264-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035255307&doi=10.1002%2f1097-4636%28200102%2954%3a2%3c264%3a%3aAID-JBM14%3e3.0.CO%3b2-7&partnerID=40&md5=1fc8b1f7382e9b8b3291140bc3841aeb
	Zyman, Z., Ivanov, I. , Rokhmistrov, D., Glushko, V., Tkachenko, N., Kijko, S.	Sintering peculiarities for hydroxyapatite with different degrees of crystallinity (2001) Journal of Biomedical Materials Research, 54 (2), pp. 256-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035255364&doi=10.1002%2f1097-4636%28200102%2954%3a2%3c256%3a%3aAID-JBM13%3e3.0.CO%3b2-B&partnerID=40&md5=08d114e9e43992e15023000a40a4f1d2
	Zyman, Z.Z., Ivanov, I.G. , Glushko, V.I., Kijko, S.M., Surov, Y.N., Chmutov, V.M.	Preparation and properties of inhomogeneous hydroxyapatite ceramics (1999) Journal of Biomedical Materials Research, 46 (2), pp. 135-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033038934&doi=10.1002%2f28SICI%291097-4636%28199908%2946%3a2%3c135%3a%3aAID-JBM1%3e3.0.CO%3b2-M&partnerID=40&md5=cc27474d1b659785d7116e716691d383
	Zyman, Z.Z., Ivanov, I.G. , Glushko, V.I.	Possibilities for strengthening hydroxyapatite ceramics (1999) Journal of Biomedical Materials Research, 46 (1), pp. 73-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032901937&doi=10.1002%2f28SICI%291097-4636%28199907%2946%3a1%3c73%3a%3aAID-JBM8%3e3.0.CO%3b2-4&partnerID=40&md5=015c86eca6d825621a67afce4722f7e
	Zyman, Z., Ivanov, I. , Glushko, V., Dedukh, N., Malyshkina, S.	Inorganic phase composition of remineralisation in porous CaP ceramics (1998) Biomaterials, 19 (14), pp. 1269-1273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032126793&doi=10.1016%2fS0142-9612%2898%2900024-6&partnerID=40&md5=3f4c52ffc8f34855227c32f49b4f876
	Korshak, V.F., Kuznetsova, R.I., Ivanov, I.G.	Peculiarities of inelastic after-effect in superplastic pb-62% sn alloy (1997) Fizika Metallov i Metallovedenie, 84 (2), pp. 123-129.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031197293&partnerID=40&md5=c1024ee05f762603ec60d279d4123271
	Korshak, V.F., Kuznetsova, R.I., Ivanov, I.G.	Characteristics of the anelastic aftereffect in the Pb-62% Sn superplastic alloy (1997) Physics of Metals and Metallography, 84 (2), pp. 193-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031488188&partnerID=40&md5=5b9baf5e3aaf4f1a157d5ca1e126be4
	Wei, R., Shogrin, B., Wilbur, P.J., Ozturk, O., Williamson, D.L., Ivanov, I. , Metin, E.	Effects of low-energy-nitrogen-ion implantation on the tribological and microstructural characteristics of AISI 304 stainless steel (1994) Journal of Tribology, 116 (4), pp. 870-876.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028530516&partnerID=40&md5=59741fd6500b70bfec416cd76b5a7b05
	Andronov, V.M., Gladkikh, N.T., Ivanov, I.G. , Letyago, V.A., Samsonik, A.L., Sherstyuk, V.A.	Observation of oscillations in physical properties with concentration in alloys of the lead-indium system (1991) Melts Moscow, 3 (5), pp. 291-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026005460&partnerID=40&md5=1b726430a697b621ebb011b9be5509b6
	Andronov, V.M., Ivanov, I.G. , Sirenko, A.F.	Features of evaporation of binary metallic melts (1988) Melts (English translation of Rasplavy), 1 (3), pp. 229-233.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024078682&partnerID=40&md5=0764458fe7d458a596ca4b44427c6218
	Ivanov, I.G. , Rokhas, Kh.A., Zheldak, A.D.	PECULIARITIES OF THE MASS TRANSFER PROCESSES AND PLASTIC DEFORMATION OF IRON UNDER DYNAMIC SUPERPLASTICITY CONDITIONS. (1985) Physics of Metals and Metallography, 60 (1), pp. 106-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022315963&partnerID=40&md5=9445f98a880e6ae0a59e1e17fef11505
	Ivanov, I.G. , Nagi, M.R., Ryabinina, Ye.Z., Semenenko, V.Ye.	KINETIC ASPECTS OF PLASTIC DEFORMATION OF IRON DURING THE gamma yields alpha PHASE TRANSITION. (1978) Physics of Metals and Metallography (English translation of Fizika Metallov i Metallovedenie), 46 (1), pp. 137-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018244015&partnerID=40&md5=a751694aad046da17f7cdcf6a5f3a8f6
	Ivanov, I.G. , Ryabinian, E.Z., Nagi, M.R.	Singularities of plastic deformation of copper under periodic loading conditions (1978) Strength of Materials, 10 (10), pp. 1144-1147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3425026768&doi=10.1007%2fBF01524034&partnerID=40&md5=9873274492ed70c1602bea8f0bbfda3
	Ivanov, I.G. , Ryabinina, E.Z.	Obtaining oriented single crystals by the vacuum suction method (1976) Soviet Physics Journal, 19 (9), pp. 1219-1220.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250297199&doi=10.1007%2fBF00891488&partnerID=40&md5=8fef0ab9a19baa49ab2064d08ce51f06
	Ivanov, I.G. , Ryabinina, E.Z., Viet, V.N.	Kossel patterns in research on diffusion in single crystals (1975) Soviet Physics Journal, 18 (5), pp. 645-648.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3425039138&doi=10.1007%2fBF00893996&partnerID=40&md5=2b93117ce46d4a3d09a686e544e5943a
	Ivanov, I.G. , Ryabinina, E.Z.	Divergent-beam determination of the lattice parameters of small objects (1974) Soviet Physics Journal, 14 (9), pp. 1252-1255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250434318&doi=10.1007%2fBF00826878&partnerID=40&md5=957b5809f84af5d7b1e4ee63047d7f1
162.	Zhurenko, V., Kalantaryan, O. , Kononenko, S., Mysiura, I., Barannik, E.	Influence of He+ long-time irradiation on silica luminescence spectrum (2017) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 407, pp. 5-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019961470&doi=10.1016%2fj.nimb.2017.05.038&partnerID=40&md5=00a1f933807682975ac16d78efad72b4
	Mysiura, I., Kalantaryan, O. , Kononenko, S., Zhurenko, V., Chishkala, V., Azarenkov, M.	Ukrainian amber luminescence induced by X-rays and ultraviolet radiation (2017) Journal of Luminescence, 188, pp. 319-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018402652&doi=10.1016%2fj.jlumin.2017.04.045&partnerID=40&md5=967fb7af3be405ebbea6bb844ce0cb0d
	Kalantaryan, O. , Zhurenko, V., Kononenko, S., Barannik, E., Kononenko, O.	Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment (2016) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 366, pp. 90-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945931344&doi=10.1016%2fj.nimb.2015.10.039&partnerID=40&md5=af8cbfcd59539fd0f8bb0088afba9a8
	Mysiura, I., Kalantaryan, O. , Kononenko, S., Zhurenko, V., Grigorenko, D., Chishkala, V., Azarenkov, N., Avotin, S., Rohmanov, N.	Photo- and radioluminescence of poleskiy amber (2016) Functional Materials, 23 (4), pp. 582-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008189742&doi=10.15407%2fmf23.04.404&partnerID=40&md5=f47da7ff4ae5b5a27cc10e22c1fb6905
	Barannik, E., Kalantaryan, O. , Zhurenko, V., Kononenko, S., Kononenko, O.	Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory (2015) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 362, pp. 182-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943427184&doi=10.1016%2fj.nimb.2015.09.080&partnerID=40&md5=12e9e8640562d3a00ca086f1173d0256
	Kononenko, S.I., Zhurenko, V.P., Kalantaryan, O.V. , Semerenskiy, A.A.	Forward and backward electron emission in binary cell of radioisotope current source (2015) Problems of Atomic Science and Technology, 98 (4), pp. 331-334.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941057487&partnerID=40&md5=21ee3de77e199fb0619dbf0e238cb6
	Zhurenko, V.P., Kalantaryan, O.V. , Kononenko, S.I.	Change of silica luminescence due to fast hydrogen ion bombardment (2015) Nukleonika, 60 (2), pp. 289-292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931045327&doi=10.1515%2fmuka-2015-0063&partnerID=40&md5=506734117a7e1108941da6e920818b73
	Kalantaryan, O. , Kononenko, S., Zhurenko, V., Zheltopyatova, N.	Fast ion induced luminescence of silica implanted by molecular hydrogen (2014) Functional Materials, 21 (1), pp. 26-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897373788&partnerID=40&md5=3192acdcdffca5a7e0ff9747422d67f2

	Kalantaryan, O.V., Kononenko, S.I., Zhurenko, V.P.	Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions (2013) Functional Materials, 20 (4), pp. 462-465.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891759572&partnerID=40&md5=9ce468ab5c1996309244639fa1f4bd99
	Kononenko, S.I., Zhurenko, V.P., Kalantaryan, O.V., Zheltopyatova, N.O.	Forward and backward electron emission induced by protons from copper foil (2013) Problems of Atomic Science and Technology, (4), pp. 320-324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881575751&partnerID=40&md5=f3f75de835efc2b8369507450d17df7
	Vasylenko, O., Zheltopyatova, N., Zhurenko, V., Kalantaryan, O., Kononenko, S., Muratov, V., Filipenko, V.	The ionoluminescence characteristics of quartz (2010) Functional Materials, 17 (1), pp. 67-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888252112&partnerID=40&md5=263c793552e47491f7533e36b2b1f443
	Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P., Kolesnik, V.T., Muratov, V.I., Karas, V.I., Filipenko, V.E.	Experimental study of secondary emission radioisotope current source prototype (2008) Problems of Atomic Science and Technology, (4), pp. 294-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549275106&partnerID=40&md5=ea4edeb7125f11fdae172f2fa2fa5a5
	Kononenko, S.I., Kalantaryan, O.V., Muratov, V.I., Zhurenko, V.P.	Silica luminescence induced by fast light ions (2007) Radiation Measurements, 42 (4-5), pp. 751-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548283658&doi=10.1016%2fj.radmeas.2007.02.061&partnerID=40&md5=b63f83521a964020159fa4dbed0d6f51
	Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P., Muratov, V.I., Bolotov, V.N., Fedorchenko, V.D.	Generation of electromagnetic waves by nonrelativistic charged particle interaction with metal surfaces (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 392-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947163852&doi=10.1016%2fj.nimb.2006.12.035&partnerID=40&md5=d741ff62ff939b7fc1f09f2770439d9a
	Kononenko, S.I., Kalantaryan, O.V., Muratov, V.I., Zhurenko, V.P.	Features of silica luminescence induced by molecular hydrogen ions (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 246 (2), pp. 340-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748662874&doi=10.1016%2fj.nimb.2006.01.024&partnerID=40&md5=8024c04bf557ffe9c507b7863e5d0e1
	Karas, V.I., Kalantaryan, O.V., Kononenko, S.I., Muratov, V.I.	Possibility of oxide film detection on silicon surface (2003) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (9), pp. 85-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142105495&partnerID=40&md5=b15c3351ace4c845be6846fe740bb057
	Kalantaryan, O.V., Kolesnik, V.T., Kononeko, S.I., Muratov, V.I., Storizhko, V.E.	Silicon luminescence induced by bombardment with fast hydrogen ions (1997) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 129 (1), pp. 77-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031170271&partnerID=40&md5=0666527163eb07eb0c3abc93b2a5e74
	Kalantaryan, O.V., Kolesnik, V.T., Kononenko, S.I., Muratov, V.I., Storizhko, V.E.	Luminescence of aluminium induced by fast protons (1996) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 117 (1-2), pp. 68-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030217068&partnerID=40&md5=b7d652e67e5152447f3f7c8694f2cb5
163.	Merisov, B.O., Khadzhay, G.Ya., V'Yugov, P.M., Kozhevnikov, O.E.	The investigation of thermal and electrical conductivities of high-pure hafnium at low temperatures and properties (2011) Metallofizika i Noveishie Tekhnologii, 33 (3), pp. 301-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052423652&partnerID=40&md5=5191e309e98e6144624f5a7aa37887e8
	Grib, A., Khadzhay, G., Merisov, B., Vinogradov, D., Tikhonovsky, M.	Kinetics of hydrogen in Zr-H and Zr-D systems (2010) International Journal of Hydrogen Energy, 35 (11), pp. 5442-5447.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955285713&doi=10.1016%2fj.ijhydene.2010.02.139&partnerID=40&md5=03fb65a390fb44240cd86157fa72127
	Azhazha, V.M., Malykhin, S.V., Merisov, B.A., Pugachov, A.T., Khadzhay, G.Y.	Structure and properties features of Ti-Zr-Ni-quasicrystals (2009) Problems of Atomic Science and Technology, (6), pp. 115-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649280717&partnerID=40&md5=267db02258f34ef1bfa29b419a2267b6
	Merisov, B.O., Khadzhay, G.Ya., Azhazha, R.V., Kovtun, K.V.	Electrical conductivity and heat conductivity of pure hafnium at low temperatures (2007) Metallofizika i Noveishie Tekhnologii, 29 (3), pp. 419-426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547341155&partnerID=40&md5=3c3f6ad4c28d47bde2843cd2cc51deb
	Azhazha, V.M., Borisova, S.S., Dub, S.N., Malykhin, S.V., Pugachov, A.T., Merisov, B.A., Khadzhay, G.Ya.	Mechanical behavior of Ti-Zr-Ni quasicrystals during nanoindentation (2005) Physics of the Solid State, 47 (12), pp. 2262-2267.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29244465556&doi=10.1134%2fj.2142888&partnerID=40&md5=fd4c25862f60a70646be94a3de184005
	Azhazha, V.M., Khadzhay, G.Ya., Merisov, B.A., Malikhin, S.V., Pugachov, A.T., Ott, H.R., Sologubenko, A.V.	Electrical resistivity of Ti41.5Zr41.5Ni17 quasicrystals in the temperature region 0.3-300 K (2005) Low Temperature Physics, 31 (6), статья № 004506tp, pp. 477-480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745603056&doi=10.1063%2f1.1943530&partnerID=40&md5=0b3df1d822b6b6630eea042dfd54a50
	Azhazha, V.M., Khadzhay, G.Ya., Malikhin, S.V., Merisov, B.A., Ott, H.R., Pugachov, A.T., Sologubenko, A.V.	Electrical resistivity of Ti41.5Zr41.5Ni17 quasicrystals in the temperature region 0.3-300 K (2005) Fizika Nizkikh Temperatur (Kharkov), 31 (6), pp. 629-633.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444426505&partnerID=40&md5=f7d4f4d8ec1aa51bf2c87c69b58d4b17
	Azhazha, V., Dub, S., Khadzhay, G., Merisov, B., Malykhin, S., Pugachov, A.	Structure and peculiarities of nanodeformation in Ti-Zr-Ni quasi-crystals (2004) Philosophical Magazine, 84 (10), pp. 983-990.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842779241&doi=10.1080%2f014786430310001641975&partnerID=40&md5=6dbd4d8f5632814690b1c2628d233cc9
	Azhazha, V., Khadzhay, G., Malikhin, S., Merisov, B., Pugachov, A.	The electrical resistivity of Ti-Zr-Ni quasicrystals in the interval 1.3-300 K (2003) Physics Letters, Section A: General, Atomic and Solid State Physics, 319 (5-6), pp. 539-543.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348157144&doi=10.1016%2fj.physleta.2003.10.065&partnerID=40&md5=421654afcc311d6c42f28898dd27836
	Azhazha, V., Grib, A., Khadzhay, G., Malikhin, S., Merisov, B., Pugachov, A.	Diffusion of hydrogen in Ti-Zr-Ni quasicrystals (2003) Journal of Physics Condensed Matter, 15 (29), pp. 5001-5008.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043161718&doi=10.1088%2f0953-8984%2f15%2f29%2f2311&partnerID=40&md5=9c898009d612b6f90e1c5b796b0d8d1d
	Azhazha, V., Grib, A., Khadzhay, G., Merisov, B., Pugachov, A.	Influence of hydrogen on electrical resistivity of Ti66Ni20Cu10Si4 amorphous alloy (2003) International Journal of Hydrogen Energy, 28 (4), pp. 415-418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037377481&doi=10.1016%2fS0360-3199%2f02%2f900132-5&partnerID=40&md5=1f583d662bd8d9e5f056c0830676a54
	Azhazha, V., Grib, A., Khadzhay, G., Malikhin, S., Merisov, B., Pugachov, A.	Superconductivity of Ti-Zr-Ni alloys containing quasicrystals (2002) Physics Letters, Section A: General, Atomic and Solid State Physics, 303 (1), pp. 87-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347973897&doi=10.1016%2fS0375-9601%2f02%2f901227-6&partnerID=40&md5=5699f9bb5edd347669a29a846654963a
	Sokolenko, V.I., Starodubov, Ya.D., Merisov, B.A., Khadzhay, G.Ya.	Change of the superconducting, transport, and microscopic properties of transition metals upon introduction of interstitial impurities and deformation-induced defects (2001) Low Temperature Physics, 27 (5), pp. 345-352.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23044526076&doi=10.1063%2f1.1374718&partnerID=40&md5=23528cb6deb54c509590ad3a29f94a1
	Sokolenko, V.I., Starodubov, Ya.D., Merisov, B.A., Khadzhay, G.Ya.	Changes of superconducting, transport and microscopic characteristics of transition metals on introduction of interstitial impurities and deformation-induced imperfections (2001) Fizika Nizkikh Temperatur (Kharkov), 27 (5), pp. 471-481.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035267510&partnerID=40&md5=4024dd1311c29097fd3012d9e452e73
	Merisov, B.A., Usatenko, O.V., Khadzhay, G.Ya., Khotkevich, V.I.	QUANTUM PECULIARITIES OF THE ELECTRON TRANSFER OF HYDROGEN ISOTOPES IN TANTALUM. (1982) Physics of Metals and Metallography, 53 (5), pp. 132-135.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020237549&partnerID=40&md5=38e4ffec0862bbb5592ffe3a8a37ab6
	Merisov, B.A., Khadzhay, G.Ya., Khotkevich, V.I.	TEMPERATURE DEPENDENCE OF HYDROGEN MOBILITY IN TANTALUM. (1978) Phys Met Metallogr, 45 (2), pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018062465&partnerID=40&md5=53e98f9015484ff96cb3994a248a3e
	Merisov, B.A., Khadzhay, G.Ya., Khotkevich, V.I.	PECULIARITIES OF THE ELECTROTRANSFER OF HYDROGEN ISOTOPES IN TANTALUM. (1975) Physics of Metals and Metallography, 39 (2), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016627807&partnerID=40&md5=58f36122971c9dc39ea1a396ee45f694
	Merisov, B.A., Serdyuk, A.D., Fa'ko, I.I., Khadzhay, G.Ya., Khotkevich, V.I.	DIFFUSION AND ELECTRON TRANSFER OF HYDROGEN IN TANTALUM. (1971) Physics of Metals and Metallography, 32 (3), pp. 154-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015195082&partnerID=40&md5=d38e3f10b664b0b2f53b95dbdc55af24
164.	Gorobets, N.N., Kiyko, V.I., Gorobets, V.N.	Directivity characteristics research of scanning and multibeam reflector antennas by the current method of physical diffraction theory (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538064, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988025934&doi=10.1109%2fMSMW.2016.7538064&partnerID=40&md5=e97e74537b65402c89c37e5fe23680ec

	Kokodii, N.G., Kaydash, M.V., Timaniuk, V.A., Gorobets, N.N., Kiyko, V.I.	Absorption of microwave radiation in a thin conducting fibers and protective screens creation (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7537990, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987933139&doi=10.1109%2FMSMW.2016.7537990&partnerID=40&md5=64b0d67bfc10ecf7fbc86c6a9957606
	Berdnik, S.L., Katrich, V.A., Kiyko, V.I. , Nesterenko, M.V., Penkin, Yu.M.	Power characteristics of a T-junction of Rectangular waveguides with a multi-element monopole-slotted coupling structure (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75 (6), pp. 489-506.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983268644&partnerID=40&md5=855c7b40286f38b71ec71dfd4891d19f
	Gorobets, N.N., Kiyko, V.I. , Gorobets, V.N.	Analysis of cross-polarized radiation of optimized reflector antennas (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, статья № 6622087, pp. 458-460.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888604383&doi=10.1109%2FMSMW.2013.6622087&partnerID=40&md5=62e0f330b733f8870c55ed6863d2b648
	Gorobets, N.N., Kiyko, V.I. , Gorobets, V.N.	Dependence of the lateral and cross-polarized radiation reflector antennas on their size and focal length (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650803, pp. 434-437.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898645147&doi=10.1109%2FICATT.2013.6650803&partnerID=40&md5=46d024e8ae397b7217f4425b9f5a5777
	Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kiyko, V.I.	System of impedance vibrators in free space (2012) Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, статья № 6344097, pp. 53-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870676572&partnerID=40&md5=8941aa170986fa321a8d4d43ff636c61
	Nesterenko, M.V., Katrich, V.A., Dakhov, V.M., Kiyko, V.I.	Electrodynamic characteristics of the system impedance vibrator - Slot radiator in a rectangular waveguide (2010) DIPED-2010 - 15th International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, Proceedings, статья № 5623924, pp. 81-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650210994&partnerID=40&md5=d39c123ef2e518148060acd971a91cf5
	Nesterenko, M.V., Katrich, V.A., Dumin, A.N., Kiyko, V.I.	Resonant iris with the slot array oriented in rectangular waveguide (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5293016, pp. 513-514.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949126592&partnerID=40&md5=8ccea3b2df8d52483b7279e4fb1b45
	Kokodii, N.G., Gorobets, N.N., Kiyko, V.I. , Kozlov, I.I., Kuzmichov, V.M., Balkashin, V.P., Safronov, B.V., Priz, I.A.	Scattering and absorbing of electromagnetic radiation by very thin metal wires (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676452, pp. 447-448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049156099&doi=10.1109%2FICRMICO.2008.4676452&partnerID=40&md5=d639c36a6d2acb73c8af4f51f6989f35
	Shakhbazov, V.G., Grigor'eva, N.N., Chepel, L.M., Sirenko, S.P., Cheshko, T.M., Kiyko, V.I. , Gorobets, N.N.	Effect of electromagnetic radiation and temperature on wheat seed viability (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (2-3), pp. 161-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751266122&partnerID=40&md5=3690ffdb351a6ef3846dfa4921e0a996
	Grigor'eva, N.N., Sirenko, S.P., Shakhbazov, V.G., Fisun, A.I., Belous, O.I., Gorobets, N.N., Kiyko, V.I. , Grabina, V.A.	Effect of linearly and circularly polarized electromagnetic waves on intracellular electrophoresis of human cell nuclei (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (12), pp. 71-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2824437224&partnerID=40&md5=7475b9e86f9d6af3f70aa3bf651db042
	Shchorbatov, Y.G., Shakhbazov, V.G., Navrotskaya, V.V., Grabina, V.A., Sirenko, S.P., Fisun, A.I., Gorobets, N.N., Kiyko, V.I.	Application of intracellular microelectrophoresis to analysis of the influence of the low-level microwave radiation on electrokinetic properties of nuclei in human epithelial cells (2002) Electrophoresis, 23 (13), pp. 2074-2079.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036023091&doi=10.1002%2F1522-2683%28200207%2923%3a13%3c2074%3a%3aAID-ELPS2074%3e3.0.CO%3b2-A&partnerID=40&md5=21f0932370cc8574657a3d981f93c355
	Katrich, V.A., Kiyko, V.I. , Nesterenko, M.V., Yatsuk, L.P.	Basis functions in the analysis of electrically long slots in rectangular waveguide with the induced magnetomotive forces method (2002) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, статья № 1106899, pp. 328-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948993827&doi=10.1109%2FMMET.2002.1106899&partnerID=40&md5=4984ae28984b5f1464cd296850718006
	Shchorbatov, Y.G., Shakhbazov, V.G., Navrotskaya, N.N., Zhuravleva, L.A., Gorobets, N.N., Kiyko, V.I. , Sirenko, S.P.	Changes in cell membrane properties, chromatin state, and electrokinetic properties of human cell nuclei under the influence of low level microwave irradiation (2001) CriMiCo 2001 - 11th International Conference, статья № 1173714, pp. 92-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956633671&partnerID=40&md5=97e6030c647cbc6ed77add608072740
	Shchorbatov, Y.G., Shakhbazov, V.G., Navrotskaya, V.G., Zhuraveleva, L.A., Gorobets, N.N., Kiyko, V.I. , Sirenko, S.P.	The influence of microwave irradiation on human epithelial cells (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947364, pp. 937-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966659620&doi=10.1109%2FMSMW.2001.947364&partnerID=40&md5=8cb8fd0d2968a2ff5d7d3f67ac2c7c5
	Sirenko, S.P., Grigoryeva, N.N., Shakhbazov, V.G., Fisun, A.I., Belous, O.I., Gorobets, N.N., Kiyko, V.I.	Effect of linear and circular polarized waves of SHF and EHF bands on human buccal epithelium cells (2001) CriMiCo 2001 - 11th International Conference, статья № 1173716, pp. 97-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956694627&partnerID=40&md5=14bb515587287603a08cd8dc89a8ed1
	Shchorbatov, Y.G., Shakhbazov, V.G., Gorobets, N.N., Kiyko, V.I. , Zhuravleva, L.A., Navrotskaya, V.V.	The influence of electromagnetic radiation of millimeter and centimeter range on human epithelial cells (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, статья № 1256225, pp. 557-558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892020365&doi=10.1109%2FICRMICO.2000.1256225&partnerID=40&md5=9733c43282f80cdce886a64e4b54021b
	Gorobetz, N.N., Kiyko, V.I.	Experimental investigation into the decoupling between antennas isolation using the comb structure of limited transverse dimensions (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (11-12), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751402967&partnerID=40&md5=84ec05b280e1b35b69849194a58849
165.	Kononenko, V.G. , Bogdanov, V.V., Volosyuk, M.A., Volosyuk, A.V.	Interdiffusion under pressure in KBr-KCl single-crystals system (2016) Functional Materials, 23 (2), pp. 158-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976431034&doi=10.15407%2Ffm23.02.158&partnerID=40&md5=8e36d9dad78570f7878f9b2ca85b97bc
	Kononenko, V.G. , Bogdanov, V.V., Turenko, A.N., Volosyuk, M.A., Volosyuk, A.V.	The role of crowdion mass transfer in relaxation processes near hard concentrators (2016) Problems of Atomic Science and Technology, 104 (4), pp. 15-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988649375&partnerID=40&md5=3ad42a43ebe9afd1199bd01baf1ede80b
	Kononenko, V.G. , Volosyuk, M.V., Volosyuk, A.V.	Optical break-down in Alkali-Haloid single crystals by laser focused radiation: The stage of local thermal explosion (2015) Problems of Atomic Science and Technology, 99 (5), pp. 15-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945253152&partnerID=40&md5=5b59c99850fcd9c3b3ff4b76d4d29d6
	Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G.	Mechanism of contact formation between squeezed crystalline solids (2013) Problems of Atomic Science and Technology, 87 (5), pp. 163-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885701287&partnerID=40&md5=a01e2ce0d07cf024607d51636e2f2ac9
	Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G.	Kinetics for dislocation structure formation in contact area of squeezed crystalline solids (2013) Functional Materials, 20 (1), pp. 44-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876317551&partnerID=40&md5=f8e2a0e84087e5244646621ecdbef4f
	Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G.	Formation mechanisms and geometry of the crack assemble formed under uniaxial cyclic compression of NaCl single crystals (2012) Functional Materials, 19 (4), pp. 464-472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876313358&partnerID=40&md5=85aa19dcb1ae7c2e8f644b89ac4faf7
	Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G.	Formation mechanisms and geometry of the crack assemble formed under uniaxial cyclic compression of NaCl single crystals (2012) Functional Materials, 19 (4), pp. 558-560.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876303738&partnerID=40&md5=9728188fb46cc2c00315c0f68a041bbd
	Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G.	Mechanisms of microvoid formation: Within KCl single crystals in the pulse energy: Release area of laser focused radiation (2012) Functional Materials, 19 (3), pp. 289-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868675955&partnerID=40&md5=29ba5ba5c6e70a95ac9075164cab244
	Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G.	Dislocation-diffusion mechanism of high-temperature healing of the cracks in crystals under loading (2012) Functional Materials, 19 (2), pp. 245-250.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863757622&partnerID=40&md5=7df641ac508815cfa820deffcf1465aa

	Geguzin, Ya.E., Kononenko, V.G.	Role of the real dislocation structure in the initial stage of contact formation (1983) Soviet Powder Metallurgy and Metal Ceramics, 22 (3), pp. 173-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020725684&doi=10.1007%2BF00793909&partnerID=40&md5=3dac9f485d02a44a7dca2dedbd13d3b
	Geguzin, Ya.E., Emets, A.K., Kononenko, V.G. , Pluzhnikova, D.V.	Dislocation mechanism of high-temperature deformation of some roughness elements of real surfaces being pressed together (1982) Soviet Powder Metallurgy and Metal Ceramics, 21 (6), pp. 454-459.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020141160&doi=10.1007%2BF00801754&partnerID=40&md5=62e891ff8f3b60d1633db0dfad3e49c0
	Kononenko, V.G.	Elastic-plastic restoration of the size of a cavity in a single crystal after hydrostatic compression (1981) Soviet Powder Metallurgy and Metal Ceramics, 20 (11), pp. 781-786.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019635296&doi=10.1007%2BF00796477&partnerID=40&md5=f35303d5526c31abdc58dbbb6b39fe1d
	Boiko, Yu.I., Geguzin, Ya.E., Kononenko, V.G. , Friedrich, E., Schatt, W.	Contact phenomena in a sphere-plane single - Crystal system (1980) Soviet Powder Metallurgy and Metal Ceramics, 19 (10), pp. 675-682.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019071377&doi=10.1007%2BF00793413&partnerID=40&md5=0e765f5623e68e2a9ccbb59a15ca4031
	Kononenko, V.G. , Zhadan, V.T., Stetsenko, N.V., Morgolenko, A.S., Trusov, V.A., Danchenko, V.G., Smirnov, V.M., Kovtanyuk, Yu.P.	Producing and cutting out thermomechanically strengthened rolled goods (1979) Metallurgist, 23 (1), pp. 46-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250273131&doi=10.1007%2BF00733938&partnerID=40&md5=2556876a4c4a59f66b469c724f7585eb
	Geguzin, Ya.E., Kononenko, V.G. , Toang, C.W.	The healing of an isolated pore in a single crystal under the action of pressure due to isostatic compression (1976) Soviet Powder Metallurgy and Metal Ceramics, 15 (2), pp. 103-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016916938&doi=10.1007%2BF00793559&partnerID=40&md5=718f74d82b87e69a0d11cd9033abdb22
	Geguzin, Ya.E., Emets, A.K., Kononenko, V.G.	FORMATION OF MACROSCOPIC PORES BY THE DISLOCATION MECHANISM IN CRYSTALS SUBJECTED TO A LASER PULSE. (1975) Sov Phys Solid State, 17 (10), pp. 1982-1984.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016558996&partnerID=40&md5=258a07a8ff50f9b00be647001a3137
	Kononenko, V.G. , Boborykin, Yu.A., Grechka, V.D.	Determination of the stressed-strained state of a volume of swarf during pulse type compaction in a rigid cylindrical container (1973) Soviet Powder Metallurgy and Metal Ceramics, 12 (3), pp. 181-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250438739&doi=10.1007%2BF00795769&partnerID=40&md5=1cadfade2a1d4958c42ba1e8ffa2c833
	Chigrinov, M.G., Lobanov, V.V., Glazkov, A.Ya., Bykov, E.N., Kononenko, V.G. , Stelmakh, V.A., Yatsenko, S.V.	Cutting of continous ingots at the "Sibelektrostat" works (1971) Metallurgist, 15 (5), pp. 307-308.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250446608&doi=10.1007%2BF0075118&partnerID=40&md5=9cd528b0966e026c0124e6cc0ce5542
166.	Bulgakova, A.A., Gorobets, N.N., Katrich, V.A., Lyaschenko, V.A.	Directivity of large antenna arrays (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538070, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987933853&doi=10.1109%2FMSMW.2016.7538070&partnerID=40&md5=d694ef60bd1148005f1e7b55007eadda
	Katrich, V.A., Lyaschenko, V.A. , Medvedev, N.V.	A slot radiator in a coaxial line (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (5), pp. 395-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961076115&doi=10.1615%2FTelecomRadEng.v70.i5.20&partnerID=40&md5=73d9fb02355a7b1dc66fat641f9c402
	Katrich, V.A., Lyaschenko, V.A. , Bulgakova, A.A.	Radiation from the transverse slot in a coaxial line (2008) 2008 4th International Conference on Ultrawideband and Ultraslot Impulse Signals, UWBUSIS 2008, статья № 4669365, pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649178441&doi=10.1109%2FUWBUS.2008.4669365&partnerID=40&md5=a78818df46278c70318c847b539c43f
	Belogurov, E.Y., Katrich, V.A., Lyaschenko, V.A.	Wave radiation of electrically long axial slot cut into the circular waveguide (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425227, pp. 405-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849131772&doi=10.1109%2FICATT.2007.4425227&partnerID=40&md5=23a04be889feb7d98020edd8bdeb88ee
	Lyaschenko, V.A. , Katrich, V.A., Berdnik, S.L.	Lossy dielectrics influence on radiating characteristics of waveguide-slot antennas (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, статья № 4023333, pp. 437-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249123887&doi=10.1109%2FCRMICO.2006.256051&partnerID=40&md5=c93b84e004fca5d22ed7bbbb1fd0669
	Gorobets, N.N., Katrich, V.A., Lyaschenko, V.A. , Bulgakova, A.A.	Formation of directional patterns of planar antenna arrays (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (17), pp. 1547-1554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347365322&doi=10.1615%2FTelecomRadEng.v65.i17.10&partnerID=40&md5=a221dac1630ff43484d2243ae8d91580
	Katrich, V.A., Lyaschenko, V.A. , Belogurov, E.Y., Bulgakova, A.A.	Slots in a shielded microstrip line (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo 2005 - Conference Proceedings, 2, статья № 1565050, pp. 591-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846286885&doi=10.1109%2FCRMICO.2005.1565050&partnerID=40&md5=0672866b7885b290e91b5fa7842c791
	Lyaschenko, V.A. , Katrich, V.A., Berdnik, S.L., Bulgakova, A.A.	Effect of dielectrics on radiating characteristics and directional properties of waveguide-slot antennas (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 383-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644388559&partnerID=40&md5=59ba4ea13c64b41b2a195b729205b28
	Katrich, V.A., Lyaschenko, V.A. , Belogurov, E.Y., Kyiko, V.I., Pshenichnyia, S.V.	Longitudinal slot with changing width cut in rectangular waveguide (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 385-386.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644362536&partnerID=40&md5=3a18169b4a6ed908de46536704de8a6c
	Berdnik, S.L., Katrich, V.A., Lyaschenko, V.A.	Closely spaced transverse slots in rectangular waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, статья № 1239204, pp. 273-275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049094624&doi=10.1109%2FICATT.2003.1239204&partnerID=40&md5=e0448237d719f53f4843e7d0c5d591b2
	Berdnik, S.L., Katrich, V.A., Lyaschenko, V.A.	The optimization of characteristic for electrically lengthy longitudinal slots in a narrow wall of the rectangular waveguide (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, статья № 1256555, pp. 395-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945156538&doi=10.1109%2FCRMICO.2003.158870&partnerID=40&md5=eb943918611349020b7b5b0960ea3b7b0
	Lyaschenko, V.A. , Katrich, V.A.	External admittances of wide slots (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (1), pp. 1-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044432969&partnerID=40&md5=409bfa5d5cc5ed8599eb605cd9b89958
	Berdnik, S.L., Katrich, V.A., Lyaschenko, V.A.	Optimization of electrically lengthy longitudinal slots patterns (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, статья № 1137273, pp. 361-362.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968807229&doi=10.1109%2FCRMICO.2002.1137273&partnerID=40&md5=e11c4e434fee0fa9272c442a335f4a67
	Berdnik, S.L., Katrich, V.A., Lyaschenko, V.A.	Double frequency slot antenna on a multi-mode waveguide (2001) CriMiCo 2001 - 11th International Conference, статья № 1173878, pp. 387-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956681907&partnerID=40&md5=f9e1d0479f423b0be764b82ed32956e7
	Katrich, V.A., Lyaschenko, V.A. , Poluyanenko, N.A.	Radiation from electrically long slots (2001) CriMiCo 2001 - 11th International Conference, статья № 1173879, pp. 389-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956701980&partnerID=40&md5=b6eaa47fb643b5afec04c51b3b5f4a4
	Bulgakov, A.A., Berdnik, S.L., Gorobets, N.N., Katrich, V.A., Lyaschenko, V.A.	Interaction between the open ends of the wide-side multimode waveguide radiators with dielectric filling (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, статья № 946771, pp. 172-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966658540&doi=10.1109%2FMSMW.2001.946771&partnerID=40&md5=5eedc0b22cf3293402fb17c03dd7191d
	Bulgakov, Aleksey A., Gorobets, Nikolay N., Lyaschenko, Valentina A.	Matching and radiation patterns of waveguide and sectorial horn radiators (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 556-558.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230678&partnerID=40&md5=a421fd5818add3e624c864c3436dbdb
	Lyaschenko, V.A.	Analysis of tapered slots (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (11-12), pp. 102-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751424486&partnerID=40&md5=0e6a8127f8e5a01d9a4da9da096a9040
167.	Zhurenko, V. , Kalantaryan, O., Kononenko, S., Mysiura, I., Barannik, E.	Influence of He+ long-time irradiation on silica luminescence spectrum (2017) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 407, pp. 5-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019961470&doi=10.1016%2Fj.nimb.2017.05.038&partnerID=40&md5=00a1f933807682975ac16d78efad72b4
	Mysiura, I., Kalantaryan, O., Kononenko, S., Zhurenko, V. , Chishkala, V., Azarenkov, M.	Ukrainian amber luminescence induced by X-rays and ultraviolet radiation (2017) Journal of Luminescence, 188, pp. 319-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018402652&doi=10.1016%2Fj.jlumin.2017.04.045&partnerID=40&md5=967bf7af3be405eb6ab6bb844ce0cb0d

	Kalantaryan, O., Zhurenko, V. , Kononenko, S., Barannik, E., Kononenko, O.	Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment (2016) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 366, pp. 90-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945931344&doi=10.1016%2Fj.nimb.2015.10.039&partnerID=40&md5=a8cbfcd59539fd08bb008a8bfa9a8
	Mysiura, I., Kalantaryan, O., Kononenko, S., Zhurenko, V. , Grigorenko, D., Chishkala, V., Azarenkov, N., Avotin, S., Rohmanov, N.	Photo- and radioluminescence of poleskiy amber (2016) Functional Materials, 23 (4), pp. 582-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008189742&doi=10.15407%2Ffm23.04.404&partnerID=40&md5=f47da7ff4ae5b5a27cc10e22c1fb6905
	Barannik, E., Kalantaryan, O., Zhurenko, V. , Kononenko, S., Kononenko, O.	Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory (2015) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 362, pp. 182-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943427184&doi=10.1016%2Fj.nimb.2015.09.080&partnerID=40&md5=12e9e8640562d3a00ca086f1173d0256
	Zhurenko, V.P. , Kalantaryan, O.V., Kononenko, S.I.	Change of silica luminescence due to fast hydrogen ion bombardment (2015) Nukleonika, 60 (2), pp. 289-292.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931045327&doi=10.1515%2Fmuka-2015-0063&partnerID=40&md5=506734117a7e1108941da6e920818b73
	Kononenko, S.I., Zhurenko, V.P. , Kalantaryan, O.V., Semerskiy, A.A.	Forward and backward electron emission in binary cell of radioisotope current source (2015) Problems of Atomic Science and Technology, 98 (4), pp. 331-334.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941057487&partnerID=40&md5=21ee3de77e199fb0619bdfbfe0e238cb6
	Kalantaryan, O., Kononenko, S., Zhurenko, V. , Zheltopyatova, N.	Fast ion induced luminescence of silica implanted by molecular hydrogen (2014) Functional Materials, 21 (1), pp. 26-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897373788&partnerID=40&md5=3192adcdffc1aa57e0ff9747422d67f2
	Kalantaryan, O.V., Kononenko, S.I., Zhurenko, V.P.	Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions (2013) Functional Materials, 20 (4), pp. 462-465.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891759572&partnerID=40&md5=9ce468ab5c1996309244639af14bd99
	Kononenko, S.I., Zhurenko, V.P. , Kalantaryan, O.V., Zheltopyatova, N.O.	Forward and backward electron emission induced by protons from copper foil (2013) Problems of Atomic Science and Technology, (4), pp. 320-324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881575751&partnerID=40&md5=f3f75de8355efc2b8369507450d17df7
	Vasylenko, O., Zheltopyatova, N., Zhurenko, V. , Kalantaryan, O., Kononenko, S., Muratov, V., Filipenko, V.	The ionoluminescence characteristics of quartz (2010) Functional Materials, 17 (1), pp. 67-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888252112&partnerID=40&md5=263c793552e47491f7533e36b2b1f443
	Zhurenko, V.P. , Kononenko, S.I., Kalantaryan, O.V., Kononenko, Z.S.	Features of energy distributions of secondary electron emission induced by H ⁺ ions from metals (2010) Problems of Atomic Science and Technology, (4), pp. 330-334.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149480903&partnerID=40&md5=0122872d2c18a2f6f1f15b3863c7d7fae
	Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P. , Kolesnik, V.T., Muratov, V.I., Karas, V.I., Filipenko, V.E.	Experimental study of secondary emission radioisotope current source prototype (2008) Problems of Atomic Science and Technology, (4), pp. 294-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549275106&partnerID=40&md5=ea4edb67125f11fdaed172f2fa2fa5a5
	Kononenko, S.I., Kalantaryan, O.V., Muratov, V.I., Zhurenko, V.P.	Silica luminescence induced by fast light ions (2007) Radiation Measurements, 42 (4-5), pp. 751-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548283658&doi=10.1016%2Fj.radmeas.2007.02.061&partnerID=40&md5=b63f83521a964020159fa4dbed0d6f51
	Kononenko, S.I., Kalantaryan, O.V., Zhurenko, V.P. , Muratov, V.I., Bolotov, V.N., Fedorchenko, V.D.	Generation of electromagnetic waves by nonrelativistic charged particle interaction with metal surfaces (2007) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 256 (1), pp. 392-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947163852&doi=10.1016%2Fj.nimb.2006.12.035&partnerID=40&md5=d741ff62ff939b7fcf109f2770439d9a
	Kononenko, S.I., Kalantaryan, O.V., Muratov, V.I., Zhurenko, V.P.	Features of silica luminescence induced by molecular hydrogen ions (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 246 (2), pp. 340-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748662874&doi=10.1016%2Fj.nimb.2006.01.024&partnerID=40&md5=8024c04bf557ffe9c507b7863e5d0e1
	Kononenko, S.I., Balebanov, V.M., Zhurenko, V.P. , Kalantaryan, O.V., Karas, V.I., Kolesnik, V.T., Muratov, V.I., Novikov, V.E., Potapenko, I.F., Sagdeev, R.Z.	Nonequilibrium electron distribution functions in a semiconductor plasma irradiated with fast ions (2004) Plasma Physics Reports, 30 (8), pp. 671-686.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644324265&doi=10.1134%2F1.1788761&partnerID=40&md5=dafb45a56a4644acc15a614954072274
	Zhurenko, V.P. , Kononenko, S.I., Karas, V.I., Muratov, V.I.	Dissipation of the energy of a fast charged particle in a solid-state plasma (2003) Plasma Physics Reports, 29 (2), pp. 130-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037304133&doi=10.1134%2F1.1545588&partnerID=40&md5=1833ea3c54b0ccc7bc1892a030bec828
168.	Khobotova, E.B., Egorova, L.M., Larin, V.I. , Beshentseva, O.A.	Regularities of electrochemical dissolution of Cu 62 Zn alloy in chloride solutions (2014) Surface Engineering and Applied Electrochemistry, 50 (1), pp. 43-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897475274&doi=10.3103%2F151068375514010098&partnerID=40&md5=686be455fc65ca22b7ae271fae74bf64
	Larin, V. , Shapovalov, S.	Association of complex ferrumcyanide anions with pinacyanol cation in aqueous solution (2012) Chemistry and Chemical Technology, 6 (1), pp. 25-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861420373&partnerID=40&md5=d9fc8445e43ae1e6066860ca3890e6
	Larin, V.I. , Khobotova, E.B., Datsenko, V.V., Dobriyan, M.A.	The chemical passivation of copper in ammonia solutions containing chlorine ions (2008) Russian Journal of Physical Chemistry A, 82 (9), pp. 1490-1494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249182273&doi=10.1134%2F1500360244080915X&partnerID=40&md5=1e7c2f3552a07d74b3a9e8ff3a0afbd
	Khobotova, E.B., Larin, V.I. , Datsenko, V.V.	Products of chemical and electrochemical treatments of the surface of copper and its alloys (2005) Ukrainiskij Khimicheskij Zhurnal, 71 (5-6), pp. 42-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29144499419&partnerID=40&md5=a1c8cbf26b6a0f3cbd5425b467638221
	Larin, V.I. , Khobotova, E.B., Kublanovskij, V.S.	Grain boundary diffusion of heterocations in polycrystalline CuCl layer (2005) Ukrainiskij Khimicheskij Zhurnal, 71 (1-2), pp. 52-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29144478786&partnerID=40&md5=51adcfdd8e3a54982cb5b0781d00d03
	Larin, V.I. , Khobotova, E.B.	Electrochemical dissolution and passivation of copper and its alloys in different solutions (2005) Ukrainiskij Khimicheskij Zhurnal, 71 (7-8), pp. 58-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29144530334&partnerID=40&md5=1f75ab36971b5d8030ad8ff852163a52
	Larin, V.I. , Shapovalov, S.A.	Dissimilar association of ions in aqueous solutions (2004) Ukrainiskij Khimicheskij Zhurnal, 70 (5-6), pp. 10-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12244264226&partnerID=40&md5=1b99fd65828f75bc7157d5c7b0ebfc5c
	Shapovalov, S.A., Larin, V.I. , Gladkov, E.S., Chernaya, T.A.	Dissimilar association of rhodamines cations in aqueous solutions: Influence of structure of cation on strength of associates (2004) Ukrainiskij Khimicheskij Zhurnal, 70 (3-4), pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644277347&partnerID=40&md5=1109392a250139fc45fbc3c462653b12
	Khobotova, E.B., Larin, V.I. , Datsenko, V.V.	Electrochemical Dissolution of Iron-Copper Alloys in Alkaline Chloride Solutions (2003) Russian Journal of Electrochemistry, 39 (7), pp. 769-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642570479&doi=10.1023%2Fa%3a1024882203890&partnerID=40&md5=fc9d19ebeb971aa4f0b327aac1c3f
	Khobotova, E.B., Larin, V.I. , Datsenko, V.V.	Electrochemical dissolution of iron-copper alloys in chloride alkaline solutions (2003) Elektrokhimiya, 39 (7), pp. 850-852.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346972966&partnerID=40&md5=6ea0fb2f180e7b9f23f55be3cdec8ff5
	Shapovalov, S.A., Svishcheva, Y.A., Larin, V.I.	Association of pinacyanol with sulfonephthalein and oxyxanthene anions in aqueous solutions (2002) Ukrainiskij Khimicheskij Zhurnal, 68 (3-4), pp. 107-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036413333&partnerID=40&md5=0a990878928d248f2549c8693165c814
	Khobotova, E.B., Larin, V.I. , Datsenko, V.V., Dobriyan, M.A.	The corrosion and anodic behavior of Cu-Ni alloys (2002) Ukrainiskij Khimicheskij Zhurnal, 68 (5-6), pp. 32-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036416819&partnerID=40&md5=9e51300e2a2ac707e197e358d95af822
	Dzhelali, V.V., Larin, V.I.	Impedance and electron transfer coefficients under conditions of metal self-dissolution at the metal-electrolyte interface (2001) Ukrainiskij Khimicheskij Zhurnal, 67 (11-12), pp. 85-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035550490&partnerID=40&md5=1df13766678d2f15e45385496de1ad8

	Khobotova, E.B., Svashenko, V.V., Larin, V.I.	Electrochemical and chemical passivation of copper surfaces in copper-ammonia solutions (2000) Russian Journal of Applied Chemistry, 73 (11), pp. 1929-1935.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034450806&partnerID=40&md5=95d82bf31261b4e4a951c5fd431d6544
	Gladkikh, N.T., Dukarov, S.V., Kryshchal, A.P., Larin, V.I.	Size effect during crystallization of small bismuth particles (1998) Fizika Metallov i Metallovedenie, 85 (5), pp. 51-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746304863&partnerID=40&md5=22d234dd465391db01b6ada2c0b901a4
	Samojlov, E.A., Larin, V.I. , Shapovalov, S.A.	Kinetic laws governing the decomposition of ammoniate complexes of copper in chloride-containing solvents (1998) Ukrainskij Khimicheskij Zhurnal, 64 (5-6), pp. 30-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032066581&partnerID=40&md5=8760deb46608cfc1bf44e80c2bcfbf15
	Gladkikh, N.T., Dukarov, S.V., Kryshchal, A.P., Larin, V.I.	Size effect upon solidification of small bismuth particles (1998) Physics of Metals and Metallography, 85 (5), pp. 536-541.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039982917&partnerID=40&md5=74b7f07c917901afccbf195aa70240a5d
	Larin, V.I. , Bakumenko, O.M.	Inhibiting action of organic and inorganic reagents on the dissolution of aluminium and its alloys in alkaline solutions (1998) Ukrainskij Khimicheskij Zhurnal, 64 (1-2), pp. 102-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031599069&partnerID=40&md5=ea68dc32decf0140929d72443b8ac293
	Samoilov, E.A., Shapovalov, S.A., Larin, V.I.	Control over the phase formation in the systems characterizing the compositions of spent etching solutions in production of copper printed-circuit boards (1996) Russian Journal of Applied Chemistry, 69 (11), pp. 1647-1650.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644492085&partnerID=40&md5=972b5bf91bf53072c1df3ec16ec9f712
	Gladkikh, N.T., Larin, V.I. , Maiboroda, S.A.	Influence of size on the supercooling in the crystallization of small particles in Bismuth island films (1994) Crystal Research and Technology, 29 (1), pp. 51-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990569167&doi=10.1002%2fcrat.2170290116&partnerID=40&md5=7d00c4c8c0fdc3ca460a98cba977bfc2
	Gladkikh, N.T., Larin, V.I. , Sukhov, V.N.	Phase diagrams and supercooling on crystallization of binary alloys in condensed films. (11. Supercooling on crystallization) (1993) Rasplavy, (5), pp. 8-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027654864&partnerID=40&md5=b9c483ef95e9234fe1bc5f304a7ee449
	Gladkikh, N.T., Larin, V.I. , Sukhov, V.N.	Phase diagrams and supercooling by crystallization of binary alloys in condensed films (I. Phase diagrams) (1993) Rasplavy, (3), pp. 28-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027596927&partnerID=40&md5=652b25f41e890fed88c603c0c362af1d
	Larin, V.I. , Khobotova, E.B., Gorobets, S.D.	A mechanism of copper dissolution in the presence of catalytically active copper (II) complexes (1991) Ukrainskii Khimicheskii Zhurnal, 57 (2), pp. 146-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026109389&partnerID=40&md5=79517885412810d1860cc9797b4c84d
	Gladkikh, N.T., Chizhik, S.P., Larin, V.I. , Grigor'eva, L.K., Sukhov, V.N., Makarovskii, N.A.	Supercooling during crystallization of binary alloys as condensed films (1989) Russian metallurgy. Metall., (5), pp. 38-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024878802&partnerID=40&md5=aaea7c0099cc3246abae146a2b87feab
	Khobotova, E.B., Gorobets, S.D., Larin, V.I.	Influence of certain organic substances on the etching of copper (1988) Protection of Metals (English translation of Zashchita Metallov), 23 (6), pp. 716-719.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024036845&partnerID=40&md5=c4f3eb0555a5c59f3e7f27566ad28e18
	Gladkikh, N.T., Chizhik, S.P., Larin, V.I. , Grigor'eva, L.K., Samsonik, A.L., Sukhov, V.N.	STRUCTURE OF BINARY ALLOYS IN CONDENSED FILMS. (1987) Russian metallurgy. Metall., (1), pp. 173-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023241226&partnerID=40&md5=03fc92dda6c5e7c291aca29b42593ad2
	Aleksandrov, V.V. , Tychina, O.N., Berezhnaya, T.A., Mchedlov-Petrosyan, N.O.	Protocnic acidity scales in the system n-butyl alcohol - Water (2002) Journal of Molecular Liquids, 100 (3), pp. 255-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036723543&doi=10.1016%2f50167-7322%2809%2900046-6&partnerID=40&md5=7df4359e293504c937c9ce5f124e767
169.	Aleksandrov, V.V. , Glazkova, E.N., Izmailova, G.A., Kabakova, E.N.	Acidity of buffer solutions at low temperatures (2001) Ukrainskij Khimicheskij Zhurnal, 67 (3-4), pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-00345565743&partnerID=40&md5=daf4113b4a36631c7652ae4550f04351
	Tver'Yanovich, Yu.S., Aleksandrov, V.V. , Murin, I.V., Nedoshovenko, E.G.	Glass-forming ability and cationic transport in gallium containing chalcogenide glasses (1999) Journal of Non-Crystalline Solids, 256, pp. 237-241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-003365412&doi=10.1016%2f0022-3093%2899%2900327-0&partnerID=40&md5=9a9532d8e1f4d272d8da481dea0f113c
	Tver'yanovich, Yu.S., Aleksandrov, V.V. , Murin, I.V., Nedoshovenko, E.G.	Electric conductivity of glasses in the Ga ₂ S ₃ -GeS ₂ -MCl system (M = Li, Na, K, Cs, Ag, and Tl) (1998) Glass Physics and Chemistry, 24 (5), pp. 446-451.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032327291&partnerID=40&md5=8a18e5fce07baf7c8d7eae0fc46424
	Berezhnaya, T.A., Uvarova, O.N., Aleksandrov, V.V.	Proton activity scales in 2-propanol-water mixtures (1996) Chemical Physics Reports, 15 (11), pp. 1679-1684.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444290056&partnerID=40&md5=d9b08ca4508dc593658c6a058cf4a19
	Aleksandrov, V.V. , Rubtsov, V.I., Tsurko, E.N., Dominges, P.B.	Solvation thermodynamics of chromic acid ions in a methanol - Water system at various temperatures (1996) Chemical Physics Reports, 15 (11), pp. 1693-1698.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011619677&partnerID=40&md5=5268c0a0ed5089485838e5f224a2ed32
	Aleksandrov, V.V. , Berezhnaya, T.A., Borodenko, V.I., Kabakova, E.N.	Acidity in nonaqueous media: Theoretical interpretation and practical application (1996) Chemical Physics Reports, 15 (11), pp. 1635-1645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0010024254&partnerID=40&md5=3f6dae0140da9fe510368b3506a0a3f2
	Aleksandrov, V.V. , Berezhnaya, T.A., Borodenko, V.I., Biryukova, I.P., Kostyrko, T.S.	EMF determination of relative solvent basicity (1996) Chemical Physics Reports, 15 (11), pp. 1647-1650.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444224011&partnerID=40&md5=021ef8f468d8f7856e560844359b1c41
	Tver'yanovich, Yu.S., Nedoshovenko, E.G., Aleksandrov, V.V. , Turkina, E.Yu., Tver'yanovich, A.S., Sokolov, I.A.	Chalcogenide glasses containing metal chlorides (1996) Glass Physics and Chemistry, 22 (1), pp. 9-14.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030532640&partnerID=40&md5=ab9c67d62e69a6b330f3484f728fe76b
	Aleksandrov, V.V. , Kabakova, E.N., Berezhnaya, T.A.	Activity coefficients of certain ions in the 2-propanol-water system (1991) Ukrainskii Khimicheskii Zhurnal, 57 (12), pp. 1255-1258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026385977&partnerID=40&md5=a3333a10d176579d9cc2e5c1471bd9ff
	Aleksandrov, V.V. , Glazkova, E.N., Izmailova, G.A., Lebedeva, L.T., Stolovich, M.P.	Acidity of buffer solutions in dimethylacetamide (1989) Soviet progress in chemistry, 55 (11), pp. 42-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024774753&partnerID=40&md5=f073bfd322e2e391bc43db8a92272bd2
	Aleksandrov, V.V. , Glazkova, E.N., Izmailova, G.A., Konovalenko, N.N., Pereselko, V.F.	Buffer solutions for calibration and tuning of pH-metric analyzers at a temperature of 263-273 K (1988) Soviet progress in chemistry, 54 (9), pp. 31-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024182318&partnerID=40&md5=0b1766fa17ddbc79b7cc2e0789aa8e8a
	Aleksandrov, V.V. , Berezhnaya, T.A., Borodenko, V.I.	CONDUCTIVITIES OF CERTAIN ELECTROLYTES IN 2-PROPANOL AND ITS MIXTURES WITH DIOXANE. (1987) Soviet electrochemistry, 23 (7), pp. 940-942.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023379156&partnerID=40&md5=ba5c1e9832b23c00d4f3d5ff6502f6a5
	Aleksandrov, V.V. , Berezhnaya, T.A., Borodenko, V.I., Kabakova, E.N., Semekhina, T.I., Tarasova, V.M.	PRACTICAL RECOMMENDATIONS ON MEASURING THE ACIDITY OF NONAQUEOUS MEDIA. (1987) Industrial laboratory, 53 (3), pp. 219-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023308378&partnerID=40&md5=dd3a3a3c3bd26bdd5bbc089ae717409f
	Feoktistova, N.M., Sheschenko, N.F., Aleksandrov, V.V. , Medyanik, N.N.	USE OF THE METHOD OF VOLTAIC POTENTIAL DIFFERENCES FOR THE DETERMINATION OF THE PRIMARY MEDIUM EFFECTS OF INDIVIDUAL IONS. (1985) Soviet electrochemistry, 21 (3), pp. 381-382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-002203776&partnerID=40&md5=a6d2668dba117bd934c8873bf767a5d9
	Aleksandrov, V.V. , Lebed, V.I.	Dependence of the thermodynamic characteristics of the hydration and solvation of ions on temperature and the composition of the mixed solvent (1984) Journal of Structural Chemistry, 25 (2), pp. 258-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250110744&doi=10.1007%2fBF00747354&partnerID=40&md5=2248e4f479f2b75e57ef2b8b8e30a5d
	Shevchenko, N.F., Aleksandrov, V.V. , Feoktistova, N.M.	DETERMINATION OF THE PRIMARY EFFECTS OF THE MEDIUM FOR PROTONS AND CHLORIDE IONS IN ETHYLENE GLYCOL AND ITS MIXTURES WITH WATER. (1983) Soviet electrochemistry, 19 (12), pp. 1491-1493.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020888462&partnerID=40&md5=f25633b8773c4e89257930134545fb6b

	Shevchenko, N.F., Aleksandrov, V.V. , Feoktistova, N.M.	DETERMINATION OF THE PRIMARY EFFECT OF THE MEDIUM OF SODIUM AND IODIDE IONS IN 2-PROPANOL AND IN 2-PROPANOL CONTAINING SMALL ADDITIONS OF WATER. (1983) Soviet electrochemistry, 19 (7), pp. 818-820.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020777019&partnerID=40&md5=252909d70696b74a90ff646d8f52a42
	Shevchenko, N.F., Aleksandrov, V.V. , Feoktistova, N.M.	DETERMINATION OF THE PRIMARY MEDIUM EFFECT ON AN INDIVIDUAL SORT OF IONS BY MEASURING VOLTA POTENTIAL DIFFERENCES. (1982) Soviet electrochemistry, 18 (12), pp. 1445-1448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020260172&partnerID=40&md5=287826533c0d1d017f51ac2114dfe50c
170	Natarova, A.O., Kokodiy, N.G.	Measurement of the diameter of optical fibers by the diffraction method (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 7851395, pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015334932&doi=10.1109%2FCAOL.2016.7851395&partnerID=40&md5=c04a7c50f09642330e655d6ae14cf922
	Alexandrov, A., Tsykhanovska, I., Gontar, T., Kokodiy, N.	Research of sedimentation stability of lipid-magnetite suspensions by the method of spectrophotometry (2016) EasternEuropean Journal of Enterprise Technologies, 3 (11-81), pp. 4-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008256617&doi=10.15587%2F1729-4061.2016.69826&partnerID=40&md5=f08575982265d7c63ae5ab618f3aa0c
	Alexandrov, A., Tsykhanovska, I., Gontar, T., Kokodiy, N. , Dotsenko, N.	The study of nanoparticles of magnetite of the lipid-magnetite suspensions by methods of photometry and electronic microscopy (2016) EasternEuropean Journal of Enterprise Technologies, 4 (11-82), pp. 51-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008253530&doi=10.15587%2F1729-4061.2016.76105&partnerID=40&md5=872abd7a50f9cea58235199ef7e88f3
	Levitin, E.Ya., Kokodiy, N.G. , Timanjuk, V.A., Vedemikova, I.O., Chan, T.M.	Measurements of the size and refractive index of Fe ₃ O ₄ nanoparticles (2014) Inorganic Materials, 50 (8), pp. 817-820.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904664743&doi=10.1134%2FIS0020168514080123&partnerID=40&md5=e7e4779db70792e71205a39d439aa2aa
	Akhmeteli, A., Kokodiy, N.G. , Safronov, B.V., Balkashin, V.P., Priz, I.A., Tarasevitch, A.	Efficient non-resonant absorption of electromagnetic radiation in thin cylindrical targets: Experimental evidence (2014) Proceedings of SPIE - The International Society for Optical Engineering, 9097, статья № 90970H, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906351250&doi=10.1117%2F12.2053482&partnerID=40&md5=c3d96b5ca0b82d5ac1cd4a156aaa81e8
	Pak, A.O., Kokodiy, N.G.	Thermal processes in the bolometric measurer of laser radiation characteristics (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657651, pp. 396-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893809770&doi=10.1109%2FCAOL.2013.6657651&partnerID=40&md5=76587bf224c259d99996a5147130525c
	Pak, A.O., Kokodiy, N.G.	Optical radiation absorption by thin metal wires with a powerful pulse heating (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 71 (13), pp. 1239-1246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865446310&doi=10.1615%2FTelecomRadEng.v71.i13.80&partnerID=40&md5=337e0e90f8d7c605bad60a1ff18ce8dd
	Pak, A.O., Kokodiy, N.G.	Grid receiver for measuring of laser radiation characteristics (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2011, статья № 6145009, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857607381&doi=10.1109%2FLFNM.2011.6145009&partnerID=40&md5=0b5df5886cc05af91c6347e31d15cfd3
	Kokodiy, N.G. , Li, Z.	Measurement of intensity distribution of radiation in a laser beam by shear mechanism (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, статья № 5634211, pp. 205-207.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650352771&doi=10.1109%2FCAOL.2010.5634211&partnerID=40&md5=764137574a62034de16e38a8410ec2e1
	Shi, H., Shulga, S.N., Kokodiy, N.G. , Gorobets, N.N., Kiiko, V.I., Butrym, A.Yu., Kharkov, V.N.K.	Interaction of electromagnetic waves in a waveguide with very thin wires (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, статья № 5546021, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957376212&doi=10.1109%2FMSMW.2010.5546021&partnerID=40&md5=3e8a1715f076bf493ab88175a10289b
	Kokodiy, N.G. , Timanyuk, V.A., Pak, A.O.	Algorithms for signal processing of grid receiver for laser radiation (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671903, pp. 325-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849140744&doi=10.1109%2FCAOL.2008.4671903&partnerID=40&md5=63b6698eeb2f925db6bb41bf4bb5cb6c
	Kokodiy, N.G. , Gorobets, N.N., Kiyko, V.I., Kozlov, I.I., Kuzmichov, V.M., Balkashin, V.P., Safronov, B.V., Priz, I.A.	Scattering and absorbing of electromagnetic radiation by very thin metal wires (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676452, pp. 447-448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049156099&doi=10.1109%2FCRMICO.2008.4676452&partnerID=40&md5=d639c36a6d2acb73c8af4f51f6989f35
	Artemiev, V.M., Naumov, A.O., Kokodiy, N.G. , Timanyuk, V.A., Kohns, P.	Tomography methods in measuring of optical radiation intensity distribution by grid receivers (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, статья № 4018220, pp. 131-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250847230&doi=10.1109%2FLFNM.2006.2520018&partnerID=40&md5=46dd689d00247902205cda6c3ac7826
	Kokodiy, N.G. , Dumin, A.N., Zhivotova, E.N., Kokodiy, Timanyuk, P., Kohns	Measuring of optical radiation parameters by receiver with two wire grids (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, статья № 4018221, pp. 134-137.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250893424&doi=10.1109%2FLFNM.2006.2520028&partnerID=40&md5=a1d0ab3e90a1df9c04b6e2877334db14
	Kokodiy, N.G. , Kokodiy, D.N., Timanyuk, V.A., Kohns, P.	Measurement of intensity distribution in optical radiation beam by grid detector (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 2, статья № 1553958, pp. 212-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845506193&doi=10.1109%2FCAOL.2005.1553958&partnerID=40&md5=b2c66b1c371e18544df34de7b8f39ad7
	Kokodiy, N.G.	Connection between the spatial and power characteristics of electromagnetic radiation scattered by a cylinder (1989) Soviet journal of communications technology & electronics, 34 (7), pp. 92-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024704338&partnerID=40&md5=90e8bfe595bdc77d9dadc4e25ac34977
	Valitov, R.A., Valitov, R.R., Yefimov, F.V., Kokodiy, N.G. , Starodubtsev, G.P.	NONVACUUM PONDEROMOTIVE LASER POWER AND ENERGY METERS. (1979) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 33-34 (11), pp. 96-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018535733&partnerID=40&md5=7e35c98fac8f8ddbf7f3612dd56f2147
171	Yukhno, G.D., Krasnoperova, A.P.	Volume and dielectric properties of cesium perchlorate and its solubility in aqueous solutions of polyethylene glycol-600 (2013) Russian Journal of Physical Chemistry A, 87 (12), pp. 2034-2038.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888089604&doi=10.1134%2FIS0036024413120273&partnerID=40&md5=c4492f6b131feb6f5d9ba29134c1add4
	Bezuglaya, E.P., Lyapunova, A.N., Krasnoperova, A.P.	Water-hexylene glycol system as a potential medicinal base (2013) Pharmaceutical Chemistry Journal, 47 (5), pp. 281-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887236539&doi=10.1007%2Fs11094-013-0943-0&partnerID=40&md5=4a5c9172d0226a31aff884d2f121242c
	Sytnik, O.Yu., Krasnoperova, A.P. , Lebedinets, V.A., Sytnik, K.M.	Polythermal study of solubility of N-[4-(difluoromethylthio)phenyl]-2-aminobenzoic acid in the system water-1,2-propanediol (2005) Russian Journal of Applied Chemistry, 78 (5), pp. 711-714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544481491&doi=10.1007%2Fs11167-005-0377-x&partnerID=40&md5=946f18a27cd6cc871bb88bc75421f3c4
	Zaitseva, I.S., Sytnik, O.Yu., Krasnoperova, A.P. , Bondarev, N.V.	Influence of properties of nonaqueous solvents on the solubility of NH ₄ Cl and thermodynamics of its solution (2005) Russian Journal of General Chemistry, 75 (1), pp. 25-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644451107&doi=10.1007%2Fs11176-005-0166-5&partnerID=40&md5=453da8f668d2c5f88e63414eda87b8ab
	Krasnoperova, A.P. , Sytnik, O.Y., Yukhno, G.D., Bezuglaya, E.P., Lyapunov, N.P.	Relationships in dissolution and solvation of miconazole nitrate in binary and ternary solvents based on polyethylene glycol-400 (2002) Russian Journal of Applied Chemistry, 75 (12), pp. 1935-1938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842426347&doi=10.1023%2Fa%3a1023379113339&partnerID=40&md5=0c6c23ddcd46ce8bf74fd68ace95888
	Manin, N.G., Krasnoperova, A.P. , Korolev, V.P.	The heat of solution of CsClO ₄ in mixtures of water and glycols (1996) Zhurnal Fizicheskoi Khimii, 70 (4), pp. 591-595.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011548145&partnerID=40&md5=4f328652cda782db123255f4f935f39d
	Khobotova, E.B., Krasnoperova, A.P.	Properties of passive layers on copper in etchants of various composition (1996) Russian Journal of Electrochemistry, 32 (5), pp. 565-569.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27644524855&partnerID=40&md5=ce9ce188cfa34d170dc43721529f16f
	Manin, N.G., Krasnoperova, A.P. , Korolev, V.P.	The heat of dissolution of CsClO ₄ in mixtures of water and glycols (1996) Russian Journal of Physical Chemistry A, 70 (4), pp. 545-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030560473&partnerID=40&md5=d29af31b6222ec529b6fd8a72abe0d4d
	Krasnoperova, A.P., Yukhno, G.D., Bour-Moskalenko, Z.O.	Viscosity and volume properties of water solutions under effect of γ -irradiation (1991) Ukrainskii Khimicheskii Zhurnal, 57 (1), pp. 25-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025750375&partnerID=40&md5=815a5262da2ef6d66ca6578d403bb3173

	Krasnoperova, A.P. , Yukhno, G.D.	Viscosity and thermodynamic characteristics of the process of viscous flow of aqueous tetraethylene glycol solutions (1988) Soviet progress in chemistry, 54 (12), pp. 22-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024132854&partnerID=40&md5=118993046063db30493802c435b02e0b
	Krasnoperova, A.P. , Yukhno, D.D., Barabash, N.Sa., Kazarov, E.E.	Influence of structural features of polygenols on their dissolving power (1987) Journal of Structural Chemistry, 28 (1), pp. 56-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250086368&doi=10.1007%2FbF00749547&partnerID=40&md5=55b22945fac62451261cc2d1ee114109
	Bairachnyi, B.I., Lyashok, L.V., Krasnoperova, A.P.	DIFFERENTIAL CAPACITANCE OF THE ALUMINUM ELECTRODE IN ORGANIC ACID SOLUTIONS. (1986) Soviet progress in chemistry, 52 (4), pp. 58-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022982715&partnerID=40&md5=811b831a4f4132dd9aa8ba663d2de3f9a
	Ivanov, L.V., Lyapunov, N.A., Tsymbal, L.V., Zhdanov, R.I., Krasnoperova, A.P. , Kamernitskii, A.V.	Influence of the composition of two-component solvents on biological membranes (1986) Pharmaceutical Chemistry Journal, 20 (12), pp. 815-821.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250098689&doi=10.1007%2FbF00763710&partnerID=40&md5=aac1cb9ea31acae5dd6cbfa0c82054c
	Selyanko, I.T., Karnozhitskii, V., Borisova, T.N., Litmanovich, I.M., Krasnoperova, A.P. , Yukhno, G.D.	EMULSIFIED ANTHRACENE OIL AS A FLOTATION REAGENT IN THE CLEANING OF VARIOUS TYPES OF COAL. (1985) Coke & Chemistry (USSR) (English translation of Koks i Khimiya), (1), pp. 10-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022246243&partnerID=40&md5=5031c1dadd3e54b580573ed3ef2bc470
	Krasnoperova, A.P. , Asheko, A.A.	Dielectric constant and characteristic features of the structure of methanol and ethanol (1978) Journal of Structural Chemistry, 18 (5), pp. 760-762.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250286137&doi=10.1007%2FbF00746119&partnerID=40&md5=3c475e3ff6c1a617226713d6ebf19018
	Krasnoperova, A.P. , Kovalenko, L.S., Gracheva, E.N.	Study of the characteristic structural features of the acetonitrile-methanol system by the solubility method (1978) Journal of Structural Chemistry, 19 (1), pp. 67-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250284732&doi=10.1007%2FbF00745345&partnerID=40&md5=49cc0a7e95570cd49768390cb4232938
	Krasnoperova, A.P. , Kiser, Kh., Kovalenko, L.S.	Influence of structural features of a mixed solvent on the solubility of a salt (1975) Journal of Structural Chemistry, 16 (6), pp. 986-988.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250410374&doi=10.1007%2FbF00747878&partnerID=40&md5=653afeba5709a6d6abe402a862c8da70
172	Ageev, L.A., Galunov, N.Z., Rieznikova, V.M., Makovetsky, E.D. , Karavaeva, N.L., Krech, A.V.	Photoinduced diffraction grating in AgCl-Ag film on surface of silicone gel composition SYLGARD-184 (2016) Functional Materials, 23 (1), pp. 127-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962147284&doi=10.15407/2fmm.23.01.127&partnerID=40&md5=35329f7bdd8f689960ada3d5bd6a0e69
	Ageev, L.A., Miloslavsky, V.K., Reznikova, V.M., Makovetsky, E.D.	Plasmon resonance, periodical structures and absorption spectra induced by laser beam in composite waveguide AgCl-Ag films (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657594, pp. 243-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893797814&doi=10.1109%2FCAOL.2013.6657594&partnerID=40&md5=dc194b9b514756f20bbabe56170716a3f
	Ageev, L.A., Miloslavsky, V.K., Makovetsky, E.D. , Volosenko, V.M.	Periodic Structures Formed by Ag Nanoparticles in AgCl-Ag Film Waveguides Exposed to Violet Laser Light (2013) Journal of Applied Spectroscopy, 80 (3), pp. 389-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884989491&doi=10.1007%2Fis10812-013-9779-3&partnerID=40&md5=4308bf9ed5ac201f5f34de3c65c33ccb
	Ageev, L.A., Makovetsky, E.D.	Waveguide periodic structures induced by purple semiconductor laser in AgCl-Ag films (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2011, статья № 6145042.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857553206&doi=10.1109%2FLFNМ.2011.6145042&partnerID=40&md5=2f68329014f078221b428be07172dda3
	Makovetsky, E.D. , Miloslavsky, V.K., Ageev, L.A., Beloshenko, K.S., Karazin, V.N.	Fused silica as a composite nanostructured material (2010) Proceedings - 10th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2010, статья № 5624233, pp. 104-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888334501&doi=10.1109%2FLFNМ.2010.5624233&partnerID=40&md5=2c184d24bba88e14e4a8bee77db0fcfb
	Miloslavsky, V.K., Makovetsky, E.D. , Ageev, L.A., Beloshenko, K.S.	Fused silica as a composite nanostructured material (2009) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 107 (5), pp. 811-815.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73349091196&doi=10.1134%2FS0030400X09110204&partnerID=40&md5=5e64540dd6170d19d312755ede690258
	Ageev, L.A., Beloshenko, K.S., Makovetsky, E.D. , Miloslavsky, V.K.	Implantation of periodic structures formed by silver particles into quartz glass (2009) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 107 (5), pp. 796-802.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73349130396&doi=10.1134%2FS0030400X09110186&partnerID=40&md5=99bca05a006411176fa9d2fe2089e14
	Makovetsky, E.D. , Ageev, L.A., Miloslavsky, V.K., Beloshenko, K.S.	Demonstration of interference and laser generation instabilities in semiconductor laser beam reflected from glass plate (2008) 2008 International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2008, статья № 4670370, pp. 23-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649205468&doi=10.1109%2FLFNМ.2008.4670370&partnerID=40&md5=4c5529543be8bce91aa563764430bd2
	Makovetsky, E.D. , Ageev, L.A., Miloslavsky, V.K., Beloshenko, K.S., Elashhab, H.	Observations of instabilities in two-mode He-Ne laser radiation by means of interference of polarized beams (2008) 2008 International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2008, статья № 4670369, pp. 20-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649215952&doi=10.1109%2FLFNМ.2008.4670369&partnerID=40&md5=f107de0794e37513d933aa2c906f8d04
	Makovetsky, E.D. , Ageev, L.A., Miloslavsky, V.K.	Penetration of silver granules into quartz glass under powerful laser beam action (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, статья № 4018225, pp. 148-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250863461&doi=10.1109%2FLFNМ.2006.252006&partnerID=40&md5=5940db80558020471c77c84a1201ab4
	Makovetsky, E.D. , Miloslavsky, V.K., Ageev, L.A.	Development of secondary and tertiary noisy gratings in light-sensitive waveguide films due to two-dimensional Bragg's diffraction (2005) Proceedings of LFNМ 2005: 7th International Conference on Laser and Fiber-Optical Networks Modeling, 2005, статья № 1553211, pp. 136-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845480533&doi=10.1109%2FLFNМ.2005.1553211&partnerID=40&md5=6421fe4386d863e91d58ed9586629808
	Makovetsky, E.D. , Miloslavsky, V.K., Ageev, L.A.	Spontaneous grating formation in thin light-sensitive AgCl-Ag films at linear P/S-polarization of a laser beam (2005) Journal of Optics A: Pure and Applied Optics, 7 (7), pp. 324-332.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22844441610&doi=10.1088%2F1464-4258%2F7%2F7%2F0108&partnerID=40&md5=16e273be1c5719691eeca4f9f7500e8e
	Makovetsky, E.D. , Miloslavsky, V.K.	Peculiarities of the spontaneous grating formation in light-sensitive waveguide films near a magic angle of laser beam incidence (2005) Optics Communications, 244 (1-6), pp. 445-454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10844288662&doi=10.1016%2Foptcom.2004.09.070&partnerID=40&md5=cfc8b31747cdeb5873d0b1493fd4a5762
	Makovetsky, E.D. , Miloslavsky, V.K., Ageev, L.A.	Influence of two-dimensional Bragg's diffraction on competition of TE 0- and TM0-modes at spontaneous grating formation in thin AgCl-Ag films (2004) Proceedings of LFNМ 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 312-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244435620&partnerID=40&md5=22f09de2cfee00a5075f2e4f094fdd92
	Miloslavsky, V.K., Makovetsky, E.D. , Ageev, L.A.	Influence of two-dimensional bragg diffraction on the competition of the waveguide TE0 and TM0 modes during formation of spontaneous gratings in AgCl-Ag thin films (2004) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 97 (4), pp. 624-632.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10644270841&doi=10.1134%2F1.1813708&partnerID=40&md5=2ed64f71d6aa5e9213250d00fb527a41
	Miloslavsky, V.K., Makovetsky, E.D. , Ageev, L.A.	Competition of the spontaneous gratings on scattered TE- and TM-modes in AgCl-Ag films under off-normal incidence of a laser beam (2004) Optics Communications, 232 (1-6), pp. 303-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-104230055&doi=10.1016%2Foptcom.2003.11.034&partnerID=40&md5=65604a4aae223f4f1f884306e3291c8
	Miloslavsky, V.K., Makovetsky, E.D. , Ageev, L.A.	Competition of the self-induced gratings on scattered TE- and TM-modes in AgCl-Ag films under off-normal incidence of a laser beam (2003) Proceedings of LFNМ 2003 - 5th International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 1246125, pp. 197-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946111661&doi=10.1109%2FLFNМ.2003.1246125&partnerID=40&md5=e45673b7eaaacbc383065cd7ff61864
173	Kokodii, N.G., Kaidash, M.V., Timaniuk, V.A., Priz, I.A.	Interaction of electromagnetic radiation with a thin metal wire in the case of a glancing incident wave (2017) Journal of Communications Technology and Electronics, 62 (3), pp. 205-211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016320143&doi=10.1134%2FS1064226917030123&partnerID=40&md5=28b5b5e2e353aa45c667c2ba8f3e4999
	Akhmeteli, A., Kokodii, N.G., Safronov, B.V., Balkashin, V.P., Priz, I.A. , Tarasevitch, A.	Efficient non-resonant absorption of electromagnetic radiation in thin cylindrical targets: Experimental evidence (2014) Proceedings of SPIE - The International Society for Optical Engineering, 9097, статья № 90970H.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906351250&doi=10.1117%2F12.2053482&partnerID=40&md5=c3d96b5ca0b82d5ac1cd4a156aaa81e8
	Kokodii, N.G., Safronov, B.V., Priz, I.A. , Balkashin, V.P., Perepechaj, M.P.	Scanning devices for the beam profile measurement of laser irradiation (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657626, pp. 330-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893728030&doi=10.1109%2FCAOL.2013.6657626&partnerID=40&md5=64f1c5a60bbf230195cef07151c3df2

	Pogorelov, S.V., Safronov, B.V., Balkashin, V.P., Priz, I.A. , Krasovskyy, I.V.	Bolometric measurer of linear polarization of laser radiation (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 72 (15), pp. 1423-1429.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883608147&doi=10.1615%2FtelecomRadEng.v72.i15.60&partnerID=40&md5=4bd2155fcc49e7d214b6cd102b1acd8b
	Kuzmichov, V.M., Pogorelov, S.V., Safronov, B.V., Balkashin, V.P., Priz, I.A.	Estimation of linear polarization angle of laser radiation with two-grating thin-wire bolometer (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2011, статья № 6145026, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857588301&doi=10.1109%2FLFNМ.2011.6145026&partnerID=40&md5=dd9fe970463e6451d4642ee2e9152f2b
	Kuzmichov, V.M., Pogorelov, S.V., Safronov, B.V., Balkashin, V.P., Priz, I.A. , Kohns, P.	Laser radiation polarization state measurement with three-gratings bolometer (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671914, pp. 338-342.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849104533&doi=10.1109%2FCAOL.2008.4671914&partnerID=40&md5=6a963a729fb9f2dccc66fa373bc0ea254
	Kuzmichov, V.M., Pogorelov, S.V., Safronov, B.V., Balkashin, V.P., Priz, I.A. , Kohns, P.	Profile thin-wire bolometer of laser pulse energy (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671915, pp. 343-347.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849091401&doi=10.1109%2FCAOL.2008.4671915&partnerID=40&md5=441bf92baa423d25ef1cdc6e172639e1
	Kokodiy, N.G., Gorobets, N.N., Kiyko, V.I., Kozlov, I.I., Kuzmichov, V.M., Balkashin, V.P., Safronov, B.V., Priz, I.A.	Scattering and absorbing of electromagnetic radiation by very thin metal wires (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676452, pp. 447-448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049156099&doi=10.1109%2FCRMICO.2008.4676452&partnerID=40&md5=d639c36a6d2acb73c8af4f516989f35
	Kuzmichov, V.M., Pogorelov, S.V., Safronov, B.V., Balkashin, V.P., Priz, I.A. , Kohns, P.	Profile thin-wire bolometer of laser pulse energy (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 66 (10), pp. 907-913.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149048150&doi=10.1615%2FtelecomRadEng.v66.i10.60&partnerID=40&md5=79af61e2415f58a52d95b9deb14f85a
	Kuz'michev, V.M., Priz, I.A. , Safronov, B.V., Balkashin, V.P., Pogorelov, S.V., Kohns, P.	Measurement of the absorption efficiency factor of a thin-wire bolometer (2007) Measurement Techniques, 50 (7), pp. 733-736.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35348927494&doi=10.1007%2Fs11018-007-0140-1&partnerID=40&md5=d52a27f60fcbcd1956a274b9b5d48d8f
	Kuzmichov, V.M., Pogorelov, S.V., Safronov, B.V., Balkashin, V.P., Priz, I.A. , Kozlov, I.I., Kohns, P.	Profile bolometer of laser radiation parameters (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, статья № 4018251, pp. 237-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250837617&doi=10.1109%2FLFNМ.2006.252032&partnerID=40&md5=a4c443cc275edeaf96bb43a7c138fbad
	Kuzmichov, V.M., Priz, I.A. , Safronov, B.V., Balkashin, V.P., Pogorelov, S.V., Kohns, P.	Measuring of the factor of absorption efficiency of thin-wire bolometer (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 2, статья № 1553988, pp. 313-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845479241&doi=10.1109%2FCAOL.2005.1553988&partnerID=40&md5=785ecbf5339afcb8732eed12662137f5
	Katrich, A.B., Priz, I.A.	Laser beam diagnostics with scattered radiation (2002) Proceedings of LFNМ 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 1014109, pp. 66-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961910977&doi=10.1109%2FLFNМ.2002.1014109&partnerID=40&md5=b89db840bcc137966f003bdfec85a3e
	Katrich, A.B., Katrich, A.A., Priz, I.A.	Laser beam focal spot analysis (2001) Proceedings of LFNМ 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 930210, pp. 77-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963894734&doi=10.1109%2FLFNМ.2001.930210&partnerID=40&md5=b21fdb6d1c3da858091cbbdb2083513
	Kuzmichov, V.K., Pogorelov, S.V., Safronov, B.V., Balkashin, V.P., Priz, I.A.	Thin-wire bolometer for measuring the focused laser radiation parameters (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947347, pp. 890-892.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966559668&doi=10.1109%2FMSMW.2001.947347&partnerID=40&md5=169c8103286245fa72f706c3319d27c
	Katrich, A.B., Katrich, A.A., Priz, I.A.	Laser beam characterization (2000) Proceedings of LFNМ 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 854033, pp. 32-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960433450&doi=10.1109%2FLFNМ.2000.854033&partnerID=40&md5=4cfabf0560657db4b980d1508a601922
	Kuz'michev, V.M., Latynin, Yu.M., Priz, I.A.	GRATING THAT SERVES AS A METER FOR MEASURING THE ENERGY OF LASER RADIATION PULSES. (1974) Instrum Exp Tech, 17 (2 Part 2), pp. 525-528.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016038723&partnerID=40&md5=c9278798bd9b541a0a683ff2bc9889
174	Martynenko, S.I., Tynnov, O.F., Rozumenko, V.T.	The effect of large mesospheric electric fields on the terrestrial lower ionospheric structure (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959784, pp. 1111-1112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915822213&doi=10.1109%2FCRMICO.2014.6959784&partnerID=40&md5=42bbcae0bf0a5d6db1023380063c289
	Martynenko, S.I., Tynnov, O.F., Rozumenko, V.T.	Temporal variations of electric fields density in the middle atmosphere (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652690, pp. 1124-1125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891051190&partnerID=40&md5=9395cf6e7db1ec60ba000e6964286b64
	Chernogor, L.F., Rozumenko, V.T.	The physical effects associated with Chelyabinsk meteorite's passage (2013) Problems of Atomic Science and Technology, (4), pp. 136-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881572270&partnerID=40&md5=210e21bdb06e0c336a02ed2900d5a352
	Dorohov, V.L., Rozumenko, V.T. , Somov, V.G., Tynnov, O.F.	Upgrades to the Kharkiv V. N. Karazin National University MF radar antenna (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650781, pp. 370-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898604833&doi=10.1109%2FICATT.2013.6650781&partnerID=40&md5=07ec656a531697c39bcb1abd10780489
	Martynenko, S.I., Rozumenko, V.T. , Tynnov, O.F.	Dispersive shift in the height of the lower edge of the ionosphere under the influence of strong perturbations in tropospheric conductivity (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6335883, pp. 1049-1050.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869831871&partnerID=40&md5=1504ed5413ac467847ca0fef1ca2be77
	Garmash, K.P., Gritchin, A.I., Martynenko, S.I., Rozumenko, V.T. , Tynnov, O.F.	Electrodynamic processes in the electrically active mesosphere (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632884, pp. 1181-1182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650408223&partnerID=40&md5=9fb3beffe67e0a5784971a3fa7dd08
	Garmash, K.P., Gritchin, A.I., Martynenko, S.I., Podnos, V.A., Rozumenko, V.T. , Tynnov, O.F., Fedorenko, V.N., Fedorenko, Yu.P., Tsymbal, A.M., Chernogor, L.F.	Space research in Kharkiv radiophysical observatory of V. N. Karazin National University (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292824, pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949092693&partnerID=40&md5=182ef2b77d5e3339e4c54fa2836a1c8d
	Garmash, K.P., Kostrov, L.S., Rozumenko, V.T. , Tsymbal, A.M., Tynnov, O.F.	The facility for remote sensing of the near-earth space environment (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, статья № 4023555, pp. 954-955.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149089961&doi=10.1109%2FCRMICO.2006.256274&partnerID=40&md5=b0e4eefef4bb4dc9734475e4c39b1bbf
	Martynenko, S.I., Rozumenko, V.T. , Tynnov, O.F., Manson, A.H., Meek, C.E.	Statistical parameters of nonisothermal lower ionospheric plasma in the electrically active mesosphere (2005) Advances in Space Research, 35 (8 SPEC. ISS.), pp. 1467-1471.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23844437317&doi=10.1016%2Fj.asr.2005.03.041&partnerID=40&md5=7ebcc5143c92b159e8020b3c435cf95
	Meek, C.E., Manson, A.H., Martynenko, S.I., Rozumenko, V.T. , Tynnov, O.F.	Remote sensing of mesospheric electric fields using MF radars (2004) Journal of Atmospheric and Solar-Terrestrial Physics, 66 (10), pp. 881-890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242739969&doi=10.1016%2Fj.jastp.2004.02.002&partnerID=40&md5=391fc448b08dea8937fb7e89b1bf0d52
	Gokov, A.M., Martynenko, S.I., Rozumenko, V.T. , Tynnov, O.F.	Remote earthquake-induced large-scale ionospheric disturbances and strong mesospheric electric fields (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 57 (10-11), pp. 136-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751193466&partnerID=40&md5=7d2664ec7ef1974b5209f72505bd18c3
	Martynenko, S.I., Rozumenko, V.T. , Tynnov, O.F.	New possibilities for mesospheric electricity diagnostics (2001) Advances in Space Research, 27 (6-7), pp. 1127-1132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034813557&doi=10.1016%2FS0273-1177%2801%2900208-3&partnerID=40&md5=a70beed8c294c309f224708115a9a818
	Garmash, K.P., Kostrov, L.S., Rozumenko, V.T. , Tynnov, O.F., Tsymbal, A.M., Chernogor, L.F.	Global ionospheric disturbances caused by a rocket launch against a background of a magnetic storm (1999) Geomagnetism and Aeronomy, 39 (1), pp. 69-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644500240&partnerID=40&md5=7c6966d5e3808f36d1dabce0eadb3fc
	Chernogor, L.F., Garmash, K.P., Rozumenko, V.T.	Regularization algorithms for inverse problems in the radio wave probing of the ionospheric plasma (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 154-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032231042&partnerID=40&md5=9c5faa149f363c47355d44d88e7df73f

	Gokov, A.M., Martynenko, S.I., Rozumenko, V.T. , Tsybmal, A.M., Tymov, O.F.	Method for derivation of electric fields in the lower ionosphere from measurements with a partial reflection facility (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 271-273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230589&partnerID=40&md5=a9e0010ceb236afe9544578052e8541
	Kostrov, Leonid S., Martynenko, Sergey I., Milovanov, Yury B., Rozumenko, Victor T. , Tymov, Oleg F., Tsybmal, Anatoly M.	Influence of global disturbances on the propagation of ionospheric MF and HF radio waves: technique (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2236-2239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029726889&partnerID=40&md5=e47b635743d21adbeaa0c202d4231a4b
	Misyura, V.A., Novozhilov, V.I., Erokhin, Yu.G., Bludov, V.Ya., Belyi, A.F., Trukhan, M.G., Rozumenko, V.T.	Investigating regular fine structure and random inhomogeneities of the ionosphere by the method of incoherent radio-wave scattering (1976) Radiophysics and Quantum Electronics, 17 (7), pp. 722-728.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250383586&doi=10.1007%2fBF01037227&partnerID=40&md5=03a9fe65043b80b2f25d9e4c0c6e7415
175	Biletskiy, V.I., Bogdanov, V.V., Boyko, Y.I. , Vovk, R.V., Khadzai, G.Y., Goulatis, I.L., Chreoneos, A.I.	Electrophysical properties of nanoporous cerium dioxide–water system (2017) Journal of Materials Science: Materials in Electronics, 28 (2), pp. 2157-2159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990853011&doi=10.1007%2f10854-016-5780-y&partnerID=40&md5=4a7af3d87ee23b53b65eb487e9165d9f
	Boyko, Y.I. , Seminko, V.V., Maksimchuk, P.O., Malyukin, Y.V.	Structural rearrangement and change of cerium valence in cerium dioxide (CeO ₂) nanocrystals (2016) Functional Materials, 23 (2), pp. 202-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976367367&doi=10.15407%2ffm23.02.202&partnerID=40&md5=b725c26523a7b1d455967a217cfd007b4
	Boyko, Y.I. , Korshak, V.F.	Surface structural relaxation and plasticity of nanocrystals (2015) Problems of Atomic Science and Technology, 99 (5), pp. 77-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945298685&partnerID=40&md5=4e9e5d99e7c33437012fa39c476c2e23
	Boyko, Y.I. , Volosyuk, M.A., Volosyuk, A.V., Rokhmanov, N.Y.	Contact relaxation phenomena in nano-structured composite materials (2015) Functional Materials, 22 (2), pp. 162-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936930430&doi=10.15407%2ffm22.02.162&partnerID=40&md5=974b329f24406928a4bee42321e14ec7
	Boyko, Y.I. , Volosyuk, M.A., Kononenko, V.G.	Mechanism of contact formation between squeezed crystalline solids (2013) Problems of Atomic Science and Technology, 87 (5), pp. 163-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885701287&partnerID=40&md5=a01e2ce0d07c0f24607d51636e2f2ac9
	Boyko, Y.I. , Volosyuk, M.A., Kononenko, V.G.	Kinetics for dislocation structure formation in contact area of squeezed crystalline solids (2013) Functional Materials, 20 (1), pp. 44-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876317551&partnerID=40&md5=fe82a0e84087e52446466241ecdbe4ff
	Boyko, Y.I. , Volosyuk, M.A., Kononenko, V.G.	Formation mechanisms and geometry of the crack assemble formed under uniaxial cyclic compression of NaCl single crystals (2012) Functional Materials, 19 (4), pp. 464-472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876313358&partnerID=40&md5=85aa19dc9b1ae7c2e8f644b89ac4fa7f
	Boyko, Y.I. , Volosyuk, M.A., Kononenko, V.G.	Formation mechanisms and geometry of the crack assemble formed under uniaxial cyclic compression of NaCl single crystals (2012) Functional Materials, 19 (4), pp. 558-560.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876303738&partnerID=40&md5=9728188fb46cc2c00315c0f68a041bbd
	Boyko, Y.I. , Volosyuk, M.A., Kononenko, V.G.	Mechanisms of microvoid formation: Within KCl single crystals in the pulse energy: Release area of laser focused radiation (2012) Functional Materials, 19 (3), pp. 289-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868675955&partnerID=40&md5=29ba5ba5c6e70a95ac9075164cab244
	Seminko, V.V., Maksimchuk, P.O., Kononets, N.V., Masalov, A.A., Boyko, Y.I. , Malyukin, Y.V.	Spectroscopically detected segregation of Pr ³⁺ ions in YPO ₄ :Pr ³⁺ nanocrystals (2012) Functional Materials, 19 (3), pp. 309-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868681259&partnerID=40&md5=41e1f6c3f70d942c55475c511a88fbaa
	Seminko, V.V., Masalov, A.A., Boyko, Y.I. , Malyukin, Y.V.	Influence of surface segregation on the luminescence properties of doped YVO ₄ nanocrystals (2012) Optical Materials, 34 (12), pp. 1998-2001.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865332783&doi=10.1016%2fj.optmat.2012.01.007&partnerID=40&md5=ebb29e14f6dd9212e16ba8c374df521
	Seminko, V.V., Masalov, A.A., Boyko, Yu.I. , Malyukin, Yu.V.	Strong segregation of doped ions in Y ₂ SiO ₅ :Pr ³⁺ nanocrystals (2012) Journal of Luminescence, 132 (9), pp. 2443-2446.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860999292&doi=10.1016%2fj.jlumin.2012.04.056&partnerID=40&md5=a642d44260f76255215b1f4ec8844bbc
	Boyko, Y.I. , Volosyuk, M.A., Kononenko, V.G.	Dislocation-diffusion mechanism of high-temperature healing of the cracks in crystals under loading (2012) Functional Materials, 19 (2), pp. 245-250.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863757622&partnerID=40&md5=7df641ac508815cfa820deffcf1465aa
	Seminko, V.V., Masalov, A.A., Malyukin, Y.V., Boyko, Y.I.	Mechanisms of local inhomogeneity of dopant concentration in Y ₂ SiO ₅ :Pr ³⁺ nanocrystals (2010) Functional Materials, 17 (3), pp. 375-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888272412&partnerID=40&md5=36fd1acd97cf3b0c600ac669b7848272
	Slezov, V., Boyko, Y., Weissmüller, J.	Diffusional decomposition of supersaturated solid solutions at grain boundaries (2007) International Journal of Materials Research, 98 (7), pp. 553-561.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547693016&doi=10.3139%2f146.101505&partnerID=40&md5=87189b05d7a3853ddcb88b22b8bd2159
	Apalkov, V.M., Boyko, Y.I. , Slezov, V.V.	The kinetics of phase formation in an ultra-thin nanoscale layer (2003) Zeitschrift fuer Metallkunde/Materials Research and Advanced Techniques, 94 (10), pp. 1162-1168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16544368353&partnerID=40&md5=38f1c4e4b10d26930ff00f21eaff20d8
176	Dyukarev, Y.M. , Serikova, I.Y.	Step-by-step solving of ordered interpolation problem for stieltjes functions (2017) Russian Mathematics, 61 (6), pp. 13-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019388925&doi=10.3103%2fS1066369X17060032&partnerID=40&md5=1243f1bc595e739b6271e9fcfd00541e
	Dyukarev, Yu.M.	Geometric and operator measures of degeneracy for the set of solutions to the Stieltjes matrix moment problem (2016) Sbornik Mathematics, 207 (4), pp. 519-536.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976389263&doi=10.1070%2fSM8543&partnerID=40&md5=ba38a35961b1aca952820cf21f5777ec
	Dyukarev, Y.M.	Criterion for complete indeterminacy of limiting interpolation problem of Stieltjes type in terms of orthonormal matrix-functions (2015) Russian Mathematics, 59 (4), 12 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925834584&doi=10.3103%2fS1066369X15040015&partnerID=40&md5=e02901a9567535a927b8c8eeef61c37
	Dyukarev, Y.M. , Choque Rivero, A.E.	Criterion for the complete indeterminacy of the Nevanlinna-Pick matrix problem (2014) Mathematical Notes, 96 (5-6), pp. 651-665.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919949615&doi=10.1134%2fIS000143461110042&partnerID=40&md5=a6c2580d558b387bc37bf3dc79ffaadf
	Dyukarev, Y.M. , Rivero, A.E.C.	The matrix version of Hamburger's theorem (2012) Mathematical Notes, 91 (3-4), pp. 493-499.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860370717&doi=10.1134%2fIS00014346112030236&partnerID=40&md5=762867a7030b46bfb151a997e6138f3d
	Dyukarev, Y.M.	Examples of block Jacobi matrices generating symmetric operators with arbitrary possible values of the deficiency numbers (2010) Sbornik Mathematics, 201 (12), pp. 1791-1800.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955591988&doi=10.1070%2fSM2010v201n12ABEH004131&partnerID=40&md5=e56460b0f85902df7217f1c18579854a
	Dyukarev, Y.M. , Fritzsche, B., Kirstein, B., Mädler, C.	On Truncated Matricial Stieltjes Type Moment Problems (2010) Complex Analysis and Operator Theory, 4 (4), pp. 905-951.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952069350&doi=10.1007%2f11785-009-0002-8&partnerID=40&md5=199de675b6e7a34edab9efea3ec89
	Dyukarev, Y.M. , Fritzsche, B., Kirstein, B., Mädler, C., Thiele, H.C.	On distinguished solutions of truncated matricial Hamburger moment problems (2009) Complex Analysis and Operator Theory, 3 (4), pp. 759-834.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72049089325&doi=10.1007%2f11785-008-0061-2&partnerID=40&md5=649cea64596ca5a086e0a73aa32b3f38
	Dyukarev, Yu.M.	A generalized Stieltjes criterion for the complete indeterminacy of interpolation problems (2008) Mathematical Notes, 84 (1-2), pp. 22-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50849113046&doi=10.1134%2fIS000143460807002X&partnerID=40&md5=78dd74bf6b7e383d611a44a235ca4e97f
	Dyukarev, Yu.M. , Serikova, I.Yu.	Rational matrix functions associated with the Nevanlinna-Pick problem in the class S[a, b] and orthogonal on a compact interval (2007) Ukrainian Mathematical Journal, 59 (6), pp. 833-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37249031006&doi=10.1007%2f11253-007-0053-9&partnerID=40&md5=c854334671a264a486e8d26816c9296f
	Dyukarev, Yu.M.	Deficiency numbers of symmetric operators generated by block Jacobi matrices (2006) Sbornik Mathematics, 197 (7-8), pp. 1177-1203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751067202&doi=10.1070%2fSM2006v197n08ABEH003794&partnerID=40&md5=dd9e2cf4678d436b6087b31729b158f
	Dyukarev, Yu.M.	Degenerate Nevanlinna-Pick problem (2005) Ukrainian Mathematical Journal, 57 (10), pp. 1559-1570.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644797130&doi=10.1007%2f11253-006-0014-8&partnerID=40&md5=bd547c9e8cfc008ef12ee018daa12be

	Dyukarev, Yu.M.	Indeterminacy of interpolation problems in the Stieltjes class (2005) Sbornik Mathematics, 196 (3-4), pp. 367-393.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2264435496&doi=10.1070/2fism2005v196n03ABEH000884&partnerID=40&md5=704efb916fb4dc10be91caed460720
	Dyukarev, Yu.M.	Nevanlinna-Pick problem for stieltjes matrix functions (2004) Ukrainian Mathematical Journal, 56 (3), pp. 446-465.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24044445169&doi=10.1023%2fB%3aUKMA.0000045689.16180.31&partnerID=40&md5=967520ff56e5d3991cc84657de86a432
	Dyukarev, Yu.M.	Indeterminacy criteria for the Stieltjes matrix moment problem (2004) Mathematical Notes, 75 (1-2), pp. 66-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3843119700&partnerID=40&md5=2844fa6657c53d4a0494e10c81e73739
	Dyukarev, Yu.M., Choque Rivero, A.E.	Power moment problem on compact intervals (2001) Mathematical Notes, 69 (1-2), pp. 175-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1142271438&partnerID=40&md5=c5c28b6c8959ce9d288b12e7ada37a66
177	Savich, S.V., Samoilov, A.V., Samsonik, A.L. , Sukhov, V.N., Tiutierieva, K.V., Rusalovich, A.I., Vovk, R.V., Boynik, A.B., Chreneos, A.	Conductivity of YBCO ceramics in a wide range of temperatures and hafnium impurities concentrations (2016) Functional Materials, 23 (1), pp. 21-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962140745&doi=10.15407%2f2fm23.01.021&partnerID=40&md5=014fa7ea86d044dad2307002f485c118
	Poida, V.P., Pedun, D.E., Bryukhovetskii, V.V., Poida, A.V., Sukhov, R.V., Samsonik, A.L. , Litvinenko, V.V.	Structural changes during superplastic deformation of high-strength alloy 1933 of the Al-Mg-Zn-Cu-Zr System (2013) Physics of Metals and Metallography, 114 (9), pp. 779-788.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893114010&doi=10.1134%2fS0031918X13070090&partnerID=40&md5=f70bb7cc7cd412d27f7b5e35d989e11c
	Korshak, V.F., Shapovalov, Y.A., Samsonik, A.L. , Mateichenko, P.V.	X-ray diffraction study of structural and phase states of a superplastic sn-38 wt % pb alloy and their variations under the effect of external mechanical stresses and aging (2012) Physics of Metals and Metallography, 113 (2), pp. 190-199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859707274&doi=10.1134%2fS0031918X1202007X&partnerID=40&md5=c82698e6ccb83e29146b7f7274713b36
	Korshak, V.F., Kryshal', A.P., Shapovalov, Y.A., Samsonik, A.L.	Hydrodynamic flow of the eutectic under the conditions of superplasticity (2010) Physics of Metals and Metallography, 110 (4), pp. 385-393.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649956154&doi=10.1134%2fS0031918X10100091&partnerID=40&md5=12f7fe53d01f3f1813b39587f1303736
	Bogatyrenko, S.I., Gladkikh, N.T., Kryshal', A.P., Samsonik, A.L. , Sukhov, V.N.	Diffusion in nanodisperse layered film systems (2010) Physics of Metals and Metallography, 109 (3), pp. 255-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951045289&doi=10.1134%2fS0031918X10030075&partnerID=40&md5=662a4efe15288d7e8a995c1743e8b776
	Bryukhovetskiy, V.V., Pojda, V.P., Poyda, A.V., Avramets', D.R., Kuznetsova, R.I., Kryshal', O.P., Samsonnik, O.L. , Mahmud, K.A.	Mechanical properties and structural changes during superplastic deformation of 6111 aluminium Alloy (2009) Metallofizika i Noveishie Tekhnologii, 31 (9), pp. 1289-1302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76749162312&partnerID=40&md5=085930355a99e9a7c0ba9299aad20d92
	Korshak, V.F., Samsonik, A.L.	Phase and structural changes in superplastic Sn-Pb eutectic under external compressive stresses (2007) Physics of Metals and Metallography, 104 (3), pp. 294-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34848923148&doi=10.1134%2fS0031918X07090128&partnerID=40&md5=6f67f522aff7a951c13e9b1cfc5bf5
	Korshak, V.F., Arzhavitin, V.M., Samsonik, A.L. , Mateichenko, P.V.	Metastability and structural phase transitions in superplastic eutectic Pb-Sn alloy (2005) Bulletin of the Russian Academy of Sciences: Physics, 69 (9), pp. 1543-1547.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749384438&partnerID=40&md5=5d1058c6100995ac46a9da08262c302
	Andronov, V.M., Gladkikh, N.T., Ivanov, I.G., Letyago, V.A., Samsonik, A.L. , Sherstyuk, V.A.	Observation of oscillations in physical properties with concentration in alloys of the lead-indium system (1991) Melts Moscow, 3 (5), pp. 291-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026005460&partnerID=40&md5=1b726430a6b7b261ebb011b9be5509b6
	Gladkikh, N.T., Chizhik, S.P., Larin, V.I., Grigor'eva, L.K., Samsonik, A.L. , Sukhov, V.N.	STRUCTURE OF BINARY ALLOYS IN CONDENSED FILMS. (1987) Russian metallurgy. Metally, (1), pp. 173-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023241226&partnerID=40&md5=03fc92d6ac5e7c291aca29b42593ad2
	Andronov, V.M., Bibik, Z.I., Natsik, V.D., Samsonik, A.L.	RELATION BETWEEN ACOUSTIC EMISSION OF ALUMINIUM POLYCRYSTALS AND CHANGES OF THE DISLOCATION DENSITY DETERMINED FROM X-RAY CRYSTALLOGRAPHIC DATA. (1985) Physics of Metals and Metallography, 60 (1), pp. 172-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021896431&partnerID=40&md5=6b47c2daf2f71d1918f7a92c19f0c09
	Samsonik, A.L. , Sirenko, G.A.	ENERGY ABSORPTION DURING DEFORMATION OF YTTRIUM AND ZIRCONIUM. (1983) Physics of Metals (English Translation of Metallofizika), 4 (3), pp. 597-600.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020778722&partnerID=40&md5=7dd61a0b5d4e935a0913f8c86d25393a
	Samsonik, A.L. , Sirenko, G.A.	STRENGTHENING EFFECTS AND SUBSTRUCTURAL CHANGES DURING THE PLASTIC DEFORMATION OF TITANIUM. (1981) Physics of Metals and Metallography, 51 (5), pp. 178-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019692344&partnerID=40&md5=20aa4ab09488e17d9701f49b73b57881
	Samsonik, A.L. , Sirenko, G.A.	SUBSTRUCTURAL CHANGES DURING PLASTIC DEFORMATION OF RARE-EARTH METALS. (1979) Physics of Metals and Metallography, 47 (3), pp. 192-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018585974&partnerID=40&md5=8d186930911bc1c5d077bc231c0f1292
	Samsonik, A.L. , Sirenko, G.A., V'yugov, P.N.	SUBSTRUCTURE OF PLASTICALLY DEFORMED ALLOYS OF ZIRCONIUM WITH DYSPROSIUM. (1978) Physics of Metals and Metallography, 46 (4), pp. 179-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018207798&partnerID=40&md5=04f14cc974e7a665223475376927ac6
	Vyugov, P.N., Samsonik, A.L. , Sirenko, G.A.	SUBSTRUCTURAL CHANGES DURING PLASTIC DEFORMATION OF POLYCRYSTALLINE ZIRCONIUM. (1976) Physics of Metals and Metallography, 42 (3), pp. 183-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017210340&partnerID=40&md5=4155b453ace592a1316e199ed6a3fdb4
178	Azarenkov, N.A., Bobkov, V.V., Tishchenko, L.P. , Starovoitov, R.I., Kovtunenkov, Y.I., Logachev, Y.E., Gamayunova, L.A.	Sequential implantations of deuterium and helium ions into tungsten-coated composite structures (2016) Problems of Atomic Science and Technology, 106 (6), pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007529315&partnerID=40&md5=61f51255ab930221365f52f196318249
	Bobkov, V.V., Starovoitov, R.I., Tishchenko, L.P. , Kovtunenkov, Y.I., Gamayunova, L.A.	Deuterium-ion implantation into composite structures with tungsten coatings (2014) Journal of Surface Investigation, 8 (5), pp. 853-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918593444&doi=10.1134%2fS1027451014030264&partnerID=40&md5=d37e479dbe55514abe1c98e13207ad76
	Bobkov, V.V., Tishchenko, L.P. , Onishchenko, A.V., Zubarev, E.N., Starovoitov, R.I., Kovtunenkov, Y.I., Logachev, Y.E., Gamayunova, L.A.	Implantation of helium and deuterium ions into tungsten-coated composite structures (2011) Journal of Surface Investigation, 5 (4), pp. 806-811.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961151563&doi=10.1134%2fS1027451011080052&partnerID=40&md5=ed900c6308c12e6e3b77719d3be5bfe2
	Bobkov, V.V., Onishchenko, A.V., Sobol', O.V., Starovoitov, R.I., Kovtunenkov, Y.I., Logachev, Y.E., Tishchenko, L.P.	Ion-implanted deuterium accumulation in a deposited tungsten coating (2010) Journal of Surface Investigation, 4 (5), pp. 852-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958021268&doi=10.1134%2fS1027451010050289&partnerID=40&md5=8de07c0364d4b4c319a944d79b4ffa47
	Tishchenko, L.P. , Peregon, T.I., Kovtunenkov, Yu.I., Bobkov, V.V., Onishchenko, A.V., Starovoitov, R.I.	Study of trapping and release of ion-implanted deuterium from tungsten films (2006) Bulletin of the Russian Academy of Sciences: Physics, 70 (8), pp. 1372-1376.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247507266&partnerID=40&md5=6922089cd95497fc6554d2ec598566a2
	Pen'kov, A.V., Voronov, D.L., Zubarev, E.N., Kondratenko, V.V., Ponomarenko, A.G., Sevryukova, V.A., Bobkov, V.V., Peregon, T.I., Tishchenko, L.P.	Ion-beam mixing in Mo/Si and Mo/C/Si/C periodic multilayers irradiated with He ions (2006) Bulletin of the Russian Academy of Sciences: Physics, 70 (6), pp. 1047-1050.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247094271&partnerID=40&md5=b1c9216693e536f8c300da9824ce0afd
	Pen'kov, O.V., Voronov, D.L., Zubarev, Ye.M., Kondratenko, V.V., Ponomarenko, O.G., Sevryukova, V.A., Bobkov, V.V., Peregon, T.I., Tishchenko, L.P.	Temperature dependence of ion-beam interdiffusion in multilayered periodic Mo/Si coatings (2006) Metallofizika i Noveishie Tekhnologii, 28 (2), pp. 183-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646765439&partnerID=40&md5=03190967fcc59f19798e918dc5c35d3b
	Tishchenko, L.P. , Peregon, T.I., Koval', A.G., Bobkov, V.V., Kovtunenkov, Yu.I., Starovoitov, R.I.	Investigation of deuterium and helium thermal desorption from some AIIIBV compounds (2004) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (12), pp. 85-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13644262057&partnerID=40&md5=b38015ea34aa1100c16af1b6c74b7208

	Voronov, D.L., Zubarev, Ye.M., Kondratenko, V.V., Pen'kov, O.V., Sevryukova, V.A., Peregon, T.I., Tishchenko, L.P.	Ion-beam mixing in multilayered periodic Mo/Si compositions (2004) Metallofizika i Noveishie Tekhnologii, 26 (6), pp. 753-763.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644257500&partnerID=40&md5=bb36543011295cdab1efadd641a60cd
	Tishchenko, L.P. , Peregon, T.I., Koval', A.G.	Studies of nitrogen thermal desorption from metal-implanted nitrogen systems (2002) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 66 (1), pp. 110-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749119880&partnerID=40&md5=d21cc2adc9e08c526b5d85c001e2c342
	Koz'ma, A.A., Malykhin, S.V., Tishchenko, L.P. , Peregon, T.I., Roshchenko, S.T.	Generation and evolution of radiation defects in thin titanium films under underthreshold irradiation (1991) Fizika i Khimiya Obrabotki Materialov, (4), pp. 13-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026193572&partnerID=40&md5=3ea37397e5853867f1c79f09240368c
	Tishchenko, L.P. , Fogel', Ya.M.	STUDY OF THE PROCESSES OCCURRING IN A METALLIC FILM-IMPLANTED GAS SYSTEM. (1981) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 26 (9), pp. 112-117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019611780&partnerID=40&md5=5fbb84de6f4a1ae2aab287f4971d9858
	Tishchenko, L.P. , Gamayunova, L.A., Fogel' Ya., M., Gusev, V.A.	Study of processes at helium ion bombardment of thin silver films (1978) Radiation Effects, 35 (1-2), pp. 7-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017843267&partnerID=40&md5=845bbb220e463bf73ea9ab24f3cd067
	Tishchenko, L.P. , Peregon, T.I., Fogel', Ya.M., Gusev, V.A.	Heating polycrystalline and single-crystal films with interstitial helium (1977) Soviet Atomic Energy, 43 (3), pp. 824-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250282127&doi=10.1007%2FbF01119047&partnerID=40&md5=77e4b872bab75ac21a1b8e931b5a7d5
	Moshenskii, A.A., Fogel', N.Ya., Sidorenko, A.S., Tishchenko, L.P.	CRITICAL FIELD ANOMALIES OF THIN SUPERCONDUCTING FILMS WITH IMPLANTED HELIUM PARTICLES. (1977) Sov J Low Temp Phys, 3 (4), pp. 199-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017477258&partnerID=40&md5=b3cacebd38e48aec2f14923c5b3427fe
	Tishchenko, L.P. , Peregon, T.I., Zats, A.V., Fogel', Ya.M., Martynov, I.S., Seryugin, A.L.	Vacuum heating of silver films with interstitial helium particles (1974) Soviet Atomic Energy, 37 (6), pp. 1271-1273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016329784&doi=10.1007%2FbF01120925&partnerID=40&md5=a259994e9822514dd10d68566930b3be
179	Tishko, T.V., Tishko, D.N. , Titov, V.P., Prikhodko, O.O., Bumeister, V.I.	Application of the digital holographic interference and electron microscopy methods for study of rats' blood erythrocytes 3D morphology in the condition of hard metal salts effect (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657660, pp. 420-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893739649&doi=10.1109%2FCAOL.2013.6657660&partnerID=40&md5=38fa32d4b56d9e5fd920876dc5716c74
	Tishko, T.V., Tishko, D.N. , Titov, V.P.	Combining the polarization-contrast and interference-contrast methods for three-dimensional visualization of anisotropic microobjects (2012) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 79 (6), pp. 340-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864684598&doi=10.1364%2FJOT.79.000340&partnerID=40&md5=14c7533c2495227723b07bfbce97379
	Tishko, T.V., Tishko, D.N. , Titov, V.P.	3D morphology of phase microscopic objects by the digital holographic interference microscopy method (2011) Geomorphology and Plate Tectonics, pp. 345-358.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864654791&partnerID=40&md5=e3ea4f86bc35033aa1f0e53a990a5ea64
	Tishko, D.N. , Tishko, T.V., Titov, V.P.	Application of the digital holographic interference microscopy for thin transparent films investigation [Anwendung der digitalen holographischen Interferenzmikroskopie zur Untersuchung dünner, transparenter Schichten] (2010) Praktische Metallographie/Practical Metallography, 47 (12), pp. 719-731.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651328208&partnerID=40&md5=7829b75adb82003a6bfcd10cb8effa0
	Tishko, T.V., Tishko, D.N. , Titov, V.P.	3D imaging of phase microscopic objects by digital holographic method (2010) 3D Imaging: Theory, Technology and Applications, pp. 51-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864695768&partnerID=40&md5=8a547d6db2020ccd52190e31e34dc5f4
	Möller, H., Vehviläinen, S., Tishko, D. , Wulfrank, T., Rozanov, S.I.	Acoustic description of the Great Hall of the Moscow P. I. Tchaikovsky Conservatory (2010) 20th International Congress on Acoustics 2010, ICA 2010 - Incorporating Proceedings of the 2010 Annual Conference of the Australian Acoustical Society, 3, pp. 2417-2421.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869121591&partnerID=40&md5=754b66091725709bcf247ae7dbf49fa9
	Tishko, D.N. , Tishko, T.V., Titov, V.P.	Using digital holographic microscopy to study transparent thin films (2009) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 76 (3), pp. 147-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65449130461&partnerID=40&md5=d534a6ca46b9e5b0bcd06c4e9aaa10e45
	Tishko, T.V., Titov, V.P., Tishko, D.N. , Statzenko, N.V., Korovay, V.I.	Using the digital holographic interference microscope for investigation of blood erythrocytes morphology of pregnant women and newborn infants (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671981, pp. 171-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849104534&doi=10.1109%2FCAOL.2008.4671981&partnerID=40&md5=0c2006da9361a117be670e2d65206a7a
	Tishko, T.V., Titov, V.P., Tishko, D.N.	Erythrocytes three-dimensional morphology by digital holographic interference microscopy (2008) Proceedings of SPIE - The International Society for Optical Engineering, 7006, статья № 700600, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45149133226&doi=10.1117%2F12.802297&partnerID=40&md5=c58eb262fa17289036102ac1f4ca892d
	Tishko, T.V., Titov, V.P., Tishko, D.N. , Nosov, K.V.	Digital holographic interference microscopy in the study of the 3D morphology and functionality of human blood erythrocytes (2008) Laser Physics, 18 (4), pp. 486-490.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42349095277&doi=10.1134%2F151490-008-4024-0&partnerID=40&md5=bf44a1e1676aa0178d902f55491b67a2
	Tishko, D.N. , Tishko, T.V., Titov, V.P., Zadneprovskiy, Yu.A., Kuprin, A.S., Zgoda, I.V.	Application of the digital holographic interference microscope for thin films investigation (2007) OPT 2007 - International Workshop Optoelectronic Physics and Technology, статья № 4298545, pp. 70-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46749156989&doi=10.1109%2FOPT.2007.4298545&partnerID=40&md5=c4bfe9b045244e959ae5d5e6059e2cc3
	Tishko, T.V., Titov, V.P., Tishko, D.N.	Application of the digital holographic microscope for investigation of human red blood cells (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, статья № 1553884, pp. 285-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845490818&doi=10.1109%2FCAOL.2005.1553884&partnerID=40&md5=bfdb3b89751548c0bf0fc2864ccc80b2
	Tishko, T.V., Titov, V.P., Tishko, D.N.	Holographic methods of three-dimensional visualization of microscopic phase objects (2005) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 72 (2), pp. 203-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17444376029&partnerID=40&md5=7072d41545470e41a1f35610c68b9ea7
	Tishko, T.V., Titov, V.P., Tishko, D.N.	Application of the holographic phase contrast method for 3-D imaging of phase microobjects (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-21244474806&partnerID=40&md5=a051d2f263b4fe169a62dbb563ceaec
	Tishko, T.V., Titov, V.P., Barchotkina, T.M., Tishko, D.N.	Application of the holographic interference microscope for investigation of ozone therapy influence on blood erythrocytes of patients in Vivo (2004) Proceedings of SPIE - The International Society for Optical Engineering, 5582, статья № 16, pp. 119-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16644389762&doi=10.1117%2F12.583399&partnerID=40&md5=4506b4c6a20dba39fed197f91cfc668d
	Tishko, T.V., Titov, V.P., Barchotkina, T.M., Tishko, D.N.	Application of the holographic interference microscope for investigation of ozone therapy influence on blood erythrocytes of patients in vivo (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 2, статья № 1251242, pp. 6-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16644366234&doi=10.1109%2FCAOL.2003.1251242&partnerID=40&md5=bab6a6190b2015a4c54b9de3591bc987
180	Tkachenko, M.V. , Kamzin, A.S.	Aging of ceramic carbonized hydroxyapatite at room temperature (2016) Physics of the Solid State, 58 (8), pp. 1552-1559.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983060319&doi=10.1134%2F15106378341608028X&partnerID=40&md5=f0853f80bea13503c0b0fa05e22958c3
	Tkachenko, M.V. , Kamzin, A.S.	Synthesis and properties of hybrid hydroxyapatite-ferrite (Fe3O4) particles for hyperthermia applications (2016) Physics of the Solid State, 58 (4), pp. 763-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84970955895&doi=10.1134%2F151063783416040260&partnerID=40&md5=1127ae006c5147de7f469b0820a4c15
	Tkachenko, M.V. , Kamzin, A.S.	Formation of a sodium bicarbonate cluster in the structure of sodium-substituted hydroxyapatite (2015) Physics of the Solid State, 57 (2), pp. 407-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923040148&doi=10.1134%2F151063783415020365&partnerID=40&md5=20413e60125d0812ccdf077b721ce26

	Tkachenko, M.V. , Ol'khovik, L.P., Kamzin, A.S., Keshri, S.	Polyfunctional bioceramics based on calcium phosphate and M-type hexagonal ferrite for medical applications (2014) Technical Physics Letters, 40 (1), pp. 4-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893967272&doi=10.1134%2FIS106378501401012X&partnerID=40&md5=bfa0196befe53f585b2465a4423b6b0b
	Tkachenko, M.V. , Kamzin, A.S., Ol'khovik, L.P., Tkachenko, T.M., Keshri, S.	Synthesis and study of the new class of magnetic bioceramics for biomedical applications: Mossbauer studies (2014) Solid State Phenomena, 215, pp. 480-488.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901257839&doi=10.4028%2Fwww.scientific.net%2FSSP.215.480&partnerID=40&md5=e63c522cdcb86a597f174c0fe7cb6ba
	Pogarskiy, S.A., Drozdov, K.S., Saprykin, I.I., Mayboroda, D.V., Tkachenko, M.V.	Electrophysical properties of nanostructured materials used in medicine as implants (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652659, pp. 1065-1066.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891082550&partnerID=40&md5=2c1be4c89df748e94c608bb87f5a4c49
	Korshak, V.F., Tkachenko, M.V.	Effect of preliminary deformation on heat of melting of superplastic eutectic alloy Bi-43 wt % Sn (2013) Physics of Metals and Metallography, 114 (11), pp. 962-967.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893138444&doi=10.1134%2FIS0031918X13110057&partnerID=40&md5=7c572fd0494dc952d316e84aa5d21e17
	Tkachenko, M.V. , Ol'khovik, L.P., Kamzin, A.S.	Magnetic ceramics based on hydroxyapatite modified by particles of M-type hexagonal ferrite for medical applications (2011) Physics of the Solid State, 53 (8), pp. 1588-1593.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961132886&doi=10.1134%2FIS1063783411080294&partnerID=40&md5=0564bea46a9ff15f4597510cd99c745a
	Levitin, Y., Koval, A., Vedernikova, I., Ol'khovik, L., Tkachenko, M.	Physical and technological principles of creating biocompatible superparamagnetic particles (2011) Acta Poloniae Pharmaceutica - Drug Research, 68 (4), pp. 549-553.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959577132&partnerID=40&md5=cdd6da683154b4cc428240e806dd75ccc
	Tkachenko, M.V. , Ol'khovik, L.P., Kamzin, A.S.	Polyfunctional bioceramics modified by M-type hexagonal ferrite particles for medical applications (2011) Technical Physics Letters, 37 (6), pp. 494-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960073522&doi=10.1134%2FIS1063785011060149&partnerID=40&md5=e80b7c10f9fb392ae19e954da1fd84e7
	Zyman, Z., Tkachenko, M.	CO2 gas-activated sintering of carbonated hydroxyapatites (2011) Journal of the European Ceramic Society, 31 (3), pp. 241-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649468185&doi=10.1016%2Fj.jeurceramso.2010.09.005&partnerID=40&md5=09ec7fd8dc98d68396d996533d9bfe8
	Ol'khovik, L.P., Tkachenko, M.V. , Kamzin, A.S.	Physicotechnological principles of the development of biocompatible magnetic nanoparticles for medicine (2011) Bulletin of the Russian Academy of Sciences: Physics, 75 (2), pp. 281-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955851852&doi=10.3103%2FIS106287310031025&partnerID=40&md5=8378e491c52142e48862fee1bc487549
	Ol'khovik, L.P., Sizova, Z.I., Tkachenko, M.V. , Shein, V.O., Kalinin, P.S., Khatsko, E.N., Levitin, E.Ya., Koval, A.A.	Magnetic state of the nanocrystals of Zn-substituted magnetite (2010) Fizika Nizkikh Temperatur (Kharkov), 36 (3), pp. 287-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76649139179&partnerID=40&md5=6bd0c3ebad68d0d8ec126d6a142a8a4
	Korshak, V.F., Tkachenko, M.V.	Amorphization of superplastic eutectic under conditions of external compressive stresses (2009) Metallofizika i Noveishie Tekhnologii, 31 (3), pp. 397-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449984898&partnerID=40&md5=e816c541ffec6733afe74dbf41f4acd6
	Zyman, Z.Z., Tkachenko, M.V. , Polevodin, D.V.	Preparation and characterization of biphasic calcium phosphate ceramics of desired composition (2008) Journal of Materials Science: Materials in Medicine, 19 (8), pp. 2819-2825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44949213995&doi=10.1007%2FIS10856-008-3402-9&partnerID=40&md5=5f02f5b591921a983f1e1718535fc2d
	Zyman, Z., Tkachenko, M. , Eppe, M., Polyakov, M., Naboka, M.	Magnesium-substituted hydroxyapatite ceramics (2006) Materialwissenschaft und Werkstofftechnik, 37 (6), pp. 474-477.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745758418&doi=10.1002%2Fmawe.200600022&partnerID=40&md5=143b4e90e5c9bed4f5ace6fe96ae5041
181	Utevskaia, A.M. , Tapbergenov, S.O.	Triiodothyronine binding and norepinephrine uptake in the heart and liver [Vsvyazivanie triiodotironina i zakhvat noradrenalina v tkaniakh serdtsa i pecheni.] (1982) Ukrainskii biokhimicheskii zhurnal, 54 (3), pp. 307-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020136136&partnerID=40&md5=1e806a0a76a9e4e9a27f1a8f62fbb1f
	Utevskaia, A.M. , Osinskaia, V.O.	Switching of hormone metabolic pathways as a factor in regulation [Perekliuchenie putei obmena hormonov kak faktor regulatsii.] (1981) Fiziologicheskii Zhurnal, 27 (3), pp. 394-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019564603&partnerID=40&md5=893af3ef739151df4a89b06dfca86009
	Utevskaia, A.M. , Chuifko, V.A., Gubina, N.F.	Effect of cooling on tissue capacity for catecholamine trapping [Vliianie okhlazhdeniia na sposobnost' tkanei k zakhvatu katekholaminov.] (1980) Ukrainskii biokhimicheskii zhurnal, 52 (1), pp. 16-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018815592&partnerID=40&md5=545f62fb59a7536cc783d05067248554
	Utevskaia, A.M. , Osinskaia, V.O.	Certain neurochemical aspects of the metabolism of hormones and mediators (development of a single concept [Nekotorye neirokhimicheskie aspekty obmena hormonov i mediatorov (razvitiie odnoi kontseptsii).] (1978) Voprosy biokhimii mozga, 13, pp. 260-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018207805&partnerID=40&md5=5a107c924721847c90f1cd01818a239e
	Utevskaia, A.M. , Rasin, M.S.	Catecholamines and corticosteroids (molecular aspects of the interrelations of 2 basic adaptational systems) [Katekholaminy i kortikosteroidy (molekuliarnye aspekty vzaimootnoshenii dvukh osnovnykh adaptatsionnykh sistem.)] (1972) Uspekhi sovremennoi biologii, 73 (3), pp. 323-341.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015343988&partnerID=40&md5=119087bd78d32583c5fa6f61f2980876
	Utevskaia, A.M. , Rasin, M.S.	Effect of adrenalectomy and adrenal demedullation on catecholamine metabolism in rats (1972) Bulletin of Experimental Biology and Medicine, 73 (3), pp. 264-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250465945&doi=10.1007%2FIS00803442&partnerID=40&md5=656ead4cfeffdc39cf2670cdeb8656e3
	Utevskaia, A.M. , Rasin, M.S.	Effect of adrenalectomy and adrenal medullectomy on catecholamine metabolism in rats [Vliianie adrenaletomii i demedullatsii nadpocheknikov na obmen katekholaminov v krysi.] (1972) Byulleten Eksperimentalnoi Biologii i Meditsiny, 73 (3), pp. 35-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015306636&partnerID=40&md5=8761cdd4d27199280a4ebf8258b4f646
	Utevskaia, A.M. , Gaisinskaya, M.I., Rasin, M.S., Braude, I.I.	Effect of adrenalectomy on the circulation of noradrenaline in rat brain and heart [Vliianie adrenaletomii na "krugoborot" noradrenalina v mozge i serdtshe krysi.] (1970) Byulleten Eksperimentalnoi Biologii i Meditsiny, 70 (12), pp. 40-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014913020&partnerID=40&md5=16836e39bd1e40416accb43b026e028
	Utevskaia, A.M. , Gaisinskaya, M.Yu., Rasin, M.S., Braude, I.Ya.	Effect of adrenalectomy on circulation of noradrenaline in the rat brain and heart (1970) Bulletin of Experimental Biology and Medicine, 70 (6), pp. 1388-1389.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250449761&doi=10.1007%2FIS02066783&partnerID=40&md5=e138908c04b04ab4ba0984b9172a0a5c
	Utevskaia, A.M. , Kulinskii, V.I.	Catecholamines in studies by Soviet scientists [Katekholaminy v issledovaniakh sovetskikh uchennykh.] (1967) Problemy Endokrinologii, 13 (5), pp. 84-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014132538&partnerID=40&md5=c44bf1ea8ae8d7a3023aa10d3adac0
	Utevskaia, A.M. , Osinskaia, V.O., Kaliman, P.O.	On the quinoid pathways of catecholamine conversion [Pro khinoidnyi shliakh peretvorennia katekholaminiv.] (1965) Ukrains'kyi biokhimichnyi zhurnal, 37 (5), pp. 798-804.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18244428422&partnerID=40&md5=fcd77e656802d091d046a1bc200e87ad
	UTEVSKII, A.M. , BUTOM, M.L.	Effect of thyroïdin and 6-methylthiouracil on muscular and cerebral adrenalin metabolism [Vliianie tireoidina i 6-metiltiouratsila na obmen adrenalina v skeletsykh myshtsakh i golovnom mozgu] (1956) Biokhimiia (Moscow, Russia), 21 (6), pp. 776-783.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961004685&partnerID=40&md5=955b89a7ebc55339b0eebd9375398534
	UTEVSKII, A.M.	Investigations on adrenalin and adrenalin-like substances in certain problems of modern concepts of hormones. [Issledovaniia obmena adrenalina i adrenalinopodobnykh veshchestv i nekotorye obshchie voprosy sovremennoogo ucheniia o gormonakh.] (1955) Problemy endokrinologii i gormonoterapii, 1 (1), pp. 19-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77049241705&partnerID=40&md5=f39ea30644138ce041296828f92573a6
	UTEVSKII, A.M. , BUTOM, M.L.	Effect of stimulation of the central nervous system on certain processes of adrenalin metabolism in the vascular wall and in the adrenal glands [Vliianie vzbuzhdeniia tsentral'noi sistemy na nekotorye protsessy obmena adrenalina v sosudistoï stenke i v nadpocheknykh zhelezakh] (1953) Biokhimiia (Moscow, Russia), 18 (2), pp. 195-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932265382&partnerID=40&md5=2f95205bd5cb04a0e480dcf90c91b146
	UTEVSKII, A.M. , BUTOM, M.L.	Effect of the central nervous system on fixation and restoration of adrenalin in the vascular wall. [Vliianie tsentral'noi nervnoi sistemy na fiksatsiiu vstanovlenie adrenalina v sosudistoï stenke.] (1952) Biokhimiia (Moscow, Russia), 17 (2), pp. 139-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951370349&partnerID=40&md5=ab8353101f6cadd4395b59e5e8da86af

	UTEVSKII, A.M., BUTOM, M.L.	Content of adrenalin and dehydroadrenalin in the vascular wall of rabbits. [Soderzhanie adrenalina i degidroadrenalina v sosudistoi stenke krolikov.] (1951) Biokhimiia (Moscow, Russia), 16 (2), pp. 146-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77049336337&partnerID=40&md5=bbeb94e7bb61d2b27a56b327d2dc8f
182	Bannikova, E.Y., Kontorovich, V.M., Poslavsky, S.A.	Helicity of a toroidal vortex with swirl (2016) Journal of Experimental and Theoretical Physics, 122 (4), pp. 769-775.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979591013&doi=10.1134%2F1063776116040026&partnerID=40&md5=7c0f9a38f321abd0894fec7fd85a46f
	Bannikova, E.Y., Kontorovich, V.M., Poslavskii, S.A.	Helicity of the toroidal vortex with swirl (2015) Problems of Atomic Science and Technology, 98 (4), pp. 144-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941117226&partnerID=40&md5=c423f9f4a5fab99226ddf58037c428e
	Bannikova, E.Y., Kotvytskiy, A.T.	Three Einstein rings: Explicit solution and numerical simulation (2014) Monthly Notices of the Royal Astronomical Society, 445 (4), pp. 4435-4442.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922998726&doi=10.1093%2Fmnras%2Fstu2068&partnerID=40&md5=547c87793fc1cfe0a4456f1101a6e028
	Bannikova, E.Y., Kontorovich, V.M., Poslavsky, S.A.	Influence of orbital motion on the collapse of ring vortices in an accretion flow (2014) Journal of Experimental and Theoretical Physics, 119 (3), pp. 584-589.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84909592686&doi=10.1134%2F1063776114090118&partnerID=40&md5=00e261e08f5d05704611580aa6ee09a6
	Bannikova, E.Y., Kontorovich, V.M., Poslavsky, S.A.	Collapse and backward motion of axisymmetric toroidal vortices in an accretion flow (2013) Journal of Experimental and Theoretical Physics, 117 (2), pp. 378-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885199942&doi=10.1134%2F1063776113100117&partnerID=40&md5=ba2dc2cea33dd1bb2e8ee77ad0ab64f3
	Bannikova, E.Y., Vakulik, V.G., Sergeev, A.V.	N-body simulation of a clumpy torus: Application to active galactic nuclei (2012) Monthly Notices of the Royal Astronomical Society, 424 (2), pp. 820-829.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863873141&doi=10.1111%2Fzj.1365-2966.2012.21186.x&partnerID=40&md5=57dfc82fde2cc345494259d34f69de4e
	Bannikova, E.Y., Karnaushenko, A.V., Kontorovich, V.M., Shulga, V.M.	A new exact solution of Kompaneets equation for a shock front (2012) Astronomy Reports, 56 (7), pp. 496-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864090662&doi=10.1134%2F1063776121060017&partnerID=40&md5=050aa15a58e197de7a25f2e3fc5cf20d
	Bannikova, E.Y., Vakulik, V.G., Shulga, V.M.	Gravitational potential of a homogeneous circular torus: A new approach (2011) Monthly Notices of the Royal Astronomical Society, 411 (1), pp. 557-564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78751688207&doi=10.1111%2Fzj.1365-2966.2010.17700.x&partnerID=40&md5=3a45809f160dc68e30cc476dc6f257d9
	Poslavsky, S.A., Bannikova, E.Y., Kontorovich, V.M.	Acceleration and ejection of ring vortices as a mechanism for formation of jet components in AGN (2010) Astrophysics, 53 (2), pp. 174-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954533059&doi=10.1007%2F10511-010-9110-4&partnerID=40&md5=107a90c66fa7a518f249398702b9854d
	Mikhailova, M.S., Bannikova, E.Y., Kontorovich, V.M.	Determining the inclination of the kiloparsec-scale jet of the quasar 3C 273 based on competition of mechanisms for the knot X-ray emission (2010) Astronomy Reports, 54 (6), pp. 481-488.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954060969&doi=10.1134%2F1063772910060016&partnerID=40&md5=8c87c5024d828b032ab66f1a52a00885
	Bannikova, E.Y., Kontorovich, V.M.	Acceleration and ejection of interacting ring vortices by radial flow (2009) Physics Letters, Section A: General, Atomic and Solid State Physics, 373 (21), pp. 1856-1860.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64549110660&doi=10.1016%2Fphysleta.2009.03.036&partnerID=40&md5=b76d185d7a31c1b932ce88e3498f5caa
	Mykhailova, M.S., Bannikova, E.Y., Kontorovich, V.M.	The break in the energy spectrum of relativistic electrons in jet of the Qua-sar 3C 273 defined by intensity jet radiation in radio, optical and X-ray range (2008) Problems of Atomic Science and Technology, (4), pp. 128-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549279479&partnerID=40&md5=da9890ca6b6d0928ed74487da7e4371
	Bannikova, E.Y., Kontorovich, V.M., Reznik, G.M.	Dynamics of a vortex pair in radial flow (2007) Journal of Experimental and Theoretical Physics, 105 (3), pp. 542-548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35348988745&doi=10.1134%2F1063776107090105&partnerID=40&md5=d41729badcd7036525ac6f1e08a7d05a
	Bannikova, E.Y., Kontorovich, V.M.	A dipolar vortex model for the obscuring tori in active galactic nuclei (2007) Astronomy Reports, 51 (4), pp. 264-273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247368444&doi=10.1134%2F1063772907040026&partnerID=40&md5=4a613a6341a2bfb851d47fd413055cd4
	Bannikova, E.Y., Kontorovich, V.M.	Fine structure of jet knots of cosmic radio sources in the synchrotron and compton mechanisms of radiation (2005) Baltic Astronomy, 14 (3), pp. 354-357.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646877309&partnerID=40&md5=59a8dddfa79d70ddcc529eb5e77094c
183	Beresnev, V.M., Sobol, O.V., Grankin, S.S., Nemchenko, U.S., Novikov, V.Y., Bondar, O.V., Belovol, K.O., Maksakova, O.V., Eskermesov, D.K.	Physical and mechanical properties of (Ti–Zr–Nb)N coatings fabricated by vacuum-arc deposition (2016) Inorganic Materials: Applied Research, 7 (3), pp. 388-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975796994&doi=10.1134%2F1063776113316030047&partnerID=40&md5=9b7e56669c3ad363007363de13c0395c
	Beresnev, V.M., Sobol', O.V., Pogrebnyak, A.D., Grankin, S.S., Stolbovoi, V.A., Turbin, P.V., Meilekhov, A.A., Arsenko, M.Y.	Structure engineering in vacuum-arc-deposited coatings of the MoN–CrN system (2016) Technical Physics Letters, 42 (5), pp. 532-535.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975795691&doi=10.1134%2F1063785016050205&partnerID=40&md5=13b01885cc6ee04a59acd21920f96ae7
	Beresnev, V.M., Klimenko, S.A., Sobol', O.V., Grankin, S.S., Stolbovoi, V.A., Turbin, P.V., Novikov, V.Y., Meilekhov, A.A., Litovchenko, S.V., Malikova, L.V.	Effect of the deposition parameters on the phase–structure state, hardness, and tribological characteristics of Mo2N/CrN vacuum–arc multilayer coatings (2016) Journal of Superhard Materials, 38 (2), pp. 114-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969529129&doi=10.3103%2F1063457616020052&partnerID=40&md5=d2f60ca4985be4e9b0db77c81a1e784
	Pogrebnyak, A., Maksakova, O., Kozak, C., Koltunowicz, T.N., Grankin, S., Bondar, O., Eskermesov, D., Drozdenko, A., Petrov, S., Erdybaeva, N.	Physical and mechanical properties of nanostructured (Ti–Zr–Nb)N coatings obtained by vacuum-arc deposition method (2016) Przegląd Elektrotechniczny, 2016 (8), pp. 180-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984972811&doi=10.15199%2F248.2016.08.49&partnerID=40&md5=ef9a9b79c809277c524082ebfeae5e9
	Grankin, S.S., Beresnev, V.M., Sobol', O.V., Lytovchenko, S.V., Stolbovoy, V.A., Kolesnikov, D.A., Meylekhov, A.A., Postelnik, A.A., Toryanik, I.N.	Influence of high-voltage constant potential bias on structure and properties of MoN/CrN multilayer composite with different layer thickness (2016) Problems of Atomic Science and Technology, 101 (1), pp. 154-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958550110&partnerID=40&md5=99d8c1b19ca2a9a95cf015e48f8acf6
	Nyemchenko, U.S., Novikov, V.Y., Sobol, O.V., Grankin, S.S., Tulbiyev, E.M., Radko, A.	Tribotechnical characteristics of multielement coatings based on nitrides of Ti, Zr, Cr, Nb, Si, obtained by means of vacuum-arc deposition method (2015) Journal of Nano- and Electronic Physics, 7 (1), статья № 01041, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927127040&partnerID=40&md5=70a61a6e351dbeb75397244f51de6a2
	Pogrebnyak, A.D., Bondar, O.V., Erdybaeva, N.K., Plotnikov, S.V., Turbin, P.V., Grankin, S.S., Stolbovoy, V.A., Sobol, O.V., Kolesnikov, D.A., Kozak, C.	Influence of thermal annealing and deposition conditions on structure and physical-mechanical properties of multilayered nanosized TiN/ZrN coatings [Вплыw wygrzewania oraz warunków osadzania na strukturę oraz fizyko-mechaniczne właściwości nanowymiarowych wielowarstwowych powłok TiN/ZrN] (2015) Przegląd Elektrotechniczny, 1 (12), pp. 228-232.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965136650&doi=10.15199%2F248.2015.12.59&partnerID=40&md5=52cd6ca2ff1404ce644560a6bcab32
	Maksakova, O.V., Grankin, S.S., Bondar, O.V., Kravchenko, Y.O., Yeskermesov, D.K., Prokopenko, A.V., Erdybaeva, N.K., Zholybekov, B.	Nanostructured (Ti–Zr–Nb)N coatings obtained by vacuum-arc deposition method: Structure and properties (2015) Journal of Nano- and Electronic Physics, 7 (4), статья № 04098, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959431741&partnerID=40&md5=b7b42e3894c512c9956c9e8fbf9eadca
	Nyemchenko, U.S., Novikov, V.Y., Grankin, S.S., Ganenko, V.V., Arsenko, M.Y., Sobol, O.V., Tkach, O.P., Kovaleva, M.G., Malikov, L.V.	Adhesion strength of multi-element coatings of the system (TiNbCrZrSi)N (2015) Journal of Nano- and Electronic Physics, 7 (2), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932140646&partnerID=40&md5=1562c92ef2313ba3828ef7e4551aa75
	Grankin, S.S., Stolbovoy, V.A., Nyemchenko, U.S., Beresnev, V.M., Sobol', O.V., Lytovchenko, S.V., Turbin, P.V., Novikov, V.Y., Protosenko, Z.N.	Tribological characteristics and mechanical properties of multilayer vacuum-arc coatings TiN/ZrN (2015) Problems of Atomic Science and Technology, 99 (5), pp. 70-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945298505&partnerID=40&md5=95167e137a0960f5657d5386cbdb74a9
	Grankin, S.S., Beresnev, V.M., Sobol, O.V., Stolbovoy, V.A., Novikov, V.Y., Lytovchenko, S.V., Nyemchenko, U.S., Meylekhov, A.A., Kovaleva, M.G., Postelnik, A.A., Toryanik, I.N.	Structure, substructure, hardness and adhesion strength of multiperiod composite coatings MoN/CrN (2015) Journal of Nano- and Electronic Physics, 7 (4), статья № 04050, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959449533&partnerID=40&md5=c66c0350bce3c46bc1035f60fa9c86d

	Beresnev, V.M., Grankin, S.S. , Novikov, V.Y., Nyemchenko, U.S., Sobol', O.V., Turbin, P.V.	Tribotechnical properties of the coatings (Ti-Zr-Nb)N (2014) Journal of Nano- and Electronic Physics, 6 (4), статья № 04011, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919433529&partnerID=40&md5=da37efc18998d61d54ba11061944e1a6
	Beresnev, V.M., Klimenko, S.A., Toryanik, I.N., Pogrebnyak, A.D., Sobol', O.V., Turbin, P.V., Grankin, S.S.	Superhard coatings of the (Zr-Ti-Si)N and (Ti-Hf-Si)N systems produced by vacuum-arc deposition from a separated flow (2014) Journal of Superhard Materials, 36 (1), pp. 29-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896327144&doi=10.3103%2F1063457614010055&partnerID=40&md5=b2de189d460726073517072e206f2e6f
	Grankin, S.S. , Sverdlov, V.Y.	Researches of gradient of temperature at the front of crystallization of single crystals of the Ni-W-alloys (2008) Problems of Atomic Science and Technology, (1), pp. 162-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549268150&partnerID=40&md5=f6a5a7f8d0645b50a7c157d6b6b0c00d
	Bobrov, Y.P., Bovda, A.M., Grankin, S.S. , Dmitrenko, A.Y., Onishchenko, L.V., Tortika, A.S.	Hydrogen absorbing-desorbing behavior of melt-spun Ti30Zr 45Ni25 alloy (2008) Metallofizika i Noveishe Tekhnologii, 30 (SPEC. ISS.), pp. 329-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63749130626&partnerID=40&md5=d22e2d0a367d3df6ff7b9373a767f5f7
184	Shklyarevskii, I.N., Bondarenko, Yu.Yu., Makarovskii, N.A.	Plasma Resonance in Granular Silver Films Deposited on Rough Surfaces of NaCl and KCl Single Crystals (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 93 (1), pp. 33-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141560321&doi=10.1134%2F1.1496720&partnerID=40&md5=db0de78b8bb0a23a5ff7f9fa325bcd3a
	Shklyarevskii, I.N., Bandarenko, Yu.Yu., Makarovskii, N.A.	Natural electron oscillations in granular indium films deposited on rough surfaces of NaCl and KCl single crystals (2000) Optika i Spektroskopiya, 88 (4), pp. 602-606.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141727017&partnerID=40&md5=2ccc32d374d14e3044e02839db8ec5d
	Shklyarevskii, I.N., Bondarenko, Yu.Yu., Makarovskii, N.A.	Plasma resonance in granular gallium films deposited on rough NaCl and KCl single-crystal surfaces (2000) Optika i Spektroskopiya, 88 (4), pp. 607-610.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141727015&partnerID=40&md5=6061900f1b2f9856d85a1be2fec946b
	Shklyarevskii, I.N., Bondarenko, Yu.Yu., Makarovskii, N.A.	Plasma Resonance in Granular Gallium Films Deposited on Rough NaCl and KCl Single-Crystal Surfaces (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (4), pp. 547-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141560714&doi=10.1134%2F1.626836&partnerID=40&md5=a9bb7a978b49b5f1ac9e3a8432b466bc
	Shklyarevskii, I.N., Bondarenko, Yu.Yu., Makarovskii, N.A.	Natural Electron Oscillations in Granular Indium Films Deposited on Rough Surfaces of NaCl and KCl Single Crystals (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (4), pp. 542-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141449194&doi=10.1134%2F1.626835&partnerID=40&md5=cba619cf a724c19c0326c762f01407a7
	Shklyarevskii, I.N., Makarovskii, N.A. , Letyago, L.M.	Plasma resonance in granular films of the AgAu alloy (1999) Optika i Spektroskopiya, 87 (1), pp. 65-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749610171&partnerID=40&md5=7c265b706d9da8e916e289f812113e6b
	Shklyarevskii, I.N., Makarovskii, N.A. , Letyago, L.M.	Plasma resonance in granular films of the AgAu alloy (1999) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 87 (1), pp. 58-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032614654&partnerID=40&md5=332f31113f6e4e11e04f51b96d1d1fe4
	Makarovskii, N.A. , Shklyarevskii, I.N.	Calculation of the real part of permittivity caused by quantum absorption in isolated gold granules by means of plasma Resonance (1996) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 81 (2), pp. 222-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17544381436&partnerID=40&md5=8dcb84829adf5e460a3488249b7fe45
	Makarovskii, N.A. , Shklyarevskii, I.N.	Plasma resonance in granular gold films deposited on rough surfaces of rock salt substrates (1994) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 77 (4), pp. 577-579.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028527125&partnerID=40&md5=27047352a7c1f6b80333faf2865d8f73
	Gladikh, N.T., Chizhik, S.P., Larin, V.I., Grigor'eva, L.K., Sukhov, V.N., Makarovskii, N.A.	Supercooling during crystallization of binary alloys as condensed films (1989) Russian metallurgy. Metally, (5), pp. 38-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024878802&partnerID=40&md5=aaea7c009cc3246abae146a2b87feab
	Makarovskii, N.A. , Khomeriki, N.D.	THERMAL STABILITY OF THIN EPITAXIAL FILMS ON SOLID SUBSTRATES. (1984) Physics of Metals (English Translation of Metallofizika), 5 (2), pp. 339-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021502415&partnerID=40&md5=5d02c98b2e68ec163310b34af6d8a623
	Geguzin, Ya.E., Makarovskii, N.A. , Bogdanov, V.V., Novikov, V.I.	Two-dimensional sintering (disintegration of porous thin-film coatings from ultrafine powders) (1984) Soviet Powder Metallurgy and Metal Ceramics, 23 (9), pp. 671-673.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021488035&doi=10.1007%2FBF00796624&partnerID=40&md5=fffe6a95d46ea9069331b9e475deefb6
	Geguzin, Ya.E., Makarovskii, N.A. , Bogdanov, V.V., Vodkin, P.V., Zavizion, V.V.	Sintering of ultrafine powders under conditions of heating (1984) Soviet Powder Metallurgy and Metal Ceramics, 23 (8), pp. 602-605.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021474524&doi=10.1007%2FBF00796624&partnerID=40&md5=c224b3ee2f94636577189d528d6a7cbd
	Geguzin, Ya.E., Makarovskii, N.A. , Bogdanov, V.V.	Characteristics of the sintering mechanism of compacts from ultrafine powders (1984) Soviet Powder Metallurgy and Metal Ceramics, 23 (6), pp. 457-460.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021437775&doi=10.1007%2FBF00794667&partnerID=40&md5=a54d7f4cbcf4ca2eb78869567a601fe8
	Makarovskii, N.A.	DECOMPOSITION OF OXIDIZED LEAD AND THIN ALUMINUM FILMS ON MOLYBDENUM SUBSTRATES. (1982) Physics of Metals (English Translation of Metallofizika), 3 (4), pp. 722-726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020206216&partnerID=40&md5=a015f383ac45e3f2bbaaa9a07751015
185	Dyka, L.D., Shakina, L.A., Strashnyuk, V.Y. , Shkhorbatov, Y.G.	Effects of 36.6 GHz and static magnetic field on degree of endoreduplication in Drosophila melanogaster polytene chromosomes (2016) International Journal of Radiation Biology, 92 (4), pp. 222-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961120408&doi=10.3109%2F09553002.2016.1137105&partnerID=40&md5=aad0227d612cf01416c55b7a6b1023c1
	Shakina, L.A., Strashnyuk, V.Y.	Genetic, molecular, and humoral endocycle-regulating mechanisms (2011) Russian Journal of Genetics, 47 (10), pp. 1151-1160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053621904&doi=10.1134%2F1022795411100164&partnerID=40&md5=354a73d63b3972138b1d027b38087e35
	Zhuravleva, L.A., Strashnyuk, V.Yu. , Shakhbazov, V.G.	The influence of culture density on the polyteny degree of giant chromosomes in inbred lines and hybrids of Drosophila melanogaster (2004) Cytology and Genetics, 38 (3), pp. 46-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8744305917&partnerID=40&md5=cd852b9f7b6490097e4ee39c6df0d758
	Rarog, M.A., Vorobyeva, L.I., Strashnyuk, V.Yu.	Influence of genotype on endoreduplication of giant chromosomes and expressivity of character eyeless in Drosophila melanogaster (2003) Genetika, 39 (8), pp. 1053-1058.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0642371265&partnerID=40&md5=99f650b88a4e775c5fac7e9075bb6dd2
	Rarog, M.A., Vorobyeva, L.I., Strashnyuk, V.Yu.	Influence of genotype on endoreduplication of giant chromosomes and expressivity of character eyeless in Drosophila melanogaster (2003) Russian Journal of Genetics, 39 (8), pp. 885-889.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-9644252833&doi=10.1023%2FA%3a1025322621464&partnerID=40&md5=06660c30f9cd5070007b64e2e2d03a08
	Kirpichenko, T.V., Strashnyuk, V.Yu. , Vorobjova, L.I., Shakhbazov, V.G.	The effect of the genotype on the expressiveness of character vestigial and polyteny of giant chromosomes in Drosophila melanogaster Meig. (2002) Genetika, 38 (12), pp. 1621-1625.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036983988&partnerID=40&md5=e908ff8c3a2452022998ffcd7c1127c
	Kirpichenko, T.V., Strashnyuk, V.Yu. , Vorobjova, L.I., Shakhbazov, V.G.	The Effect of the Genotype on the Expressiveness of Character vestigial and Polyteny of Giant Chromosomes in Drosophila melanogaster Meig (2002) Russian Journal of Genetics, 38 (12), pp. 1371-1375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348245980&doi=10.1023%2FA%3a1021683621144&partnerID=40&md5=ce40198b5b2339f8c2a9264b440c5ed1
	Rarog, M.A., Strashnyuk, V.Yu. , Kondrat'eva, A.O., Dmitruk, T.V., Vorob'eva, L.I., Shakhbazov, V.G.	Effects of Culture Density on Expressivity of Character eyeless and Polyteny of Giant Chromosomes in Drosophila melanogaster (1999) Russian Journal of Genetics, 35 (7), pp. 766-769.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347174095&partnerID=40&md5=c9996f067eab1bef4deaeddbcc657c97
	Rarog, M.A., Strashnyuk, V.Y. , Kondrat'eva, A.O., Dmitruk, T.V., Vorob'eva, L.I., Shakhbazov, V.G.	Effects of culture density on expressivity of character eyeless and polyteny of giant chromosomes in drosophila melanogaster meig (1999) Genetika, 35 (7), pp. 898-902.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19244383849&partnerID=40&md5=12875d074b5991e472f1571bde3eec75
	Strashnyuk, V.Yu. , Al-Hamed, S., Nepeivoda, S.N., Shakhbazov, V.G.	Cytogenetic and Cytophysical Investigation of Mechanisms of Temperature Adaptation and Heterosis in Drosophila melanogaster Meig (1997) Russian Journal of Genetics, 33 (6), pp. 666-671.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542420216&partnerID=40&md5=ef6c9be1654d762107281dacc3d701fa
	Strashnyuk Yu., V. , Nepeivoda, S.N., Shakhbazov, V.G.	Cytomorphometric analysis of Drosophila melanogaster Meig. polytene chromosomes in relation to heterosis, selection for adaptively valuable traits, and sex (1995) Genetika, 31 (1), pp. 24-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028953872&partnerID=40&md5=cb4eacc08a1cd33842516a6a6e3e997e
	Strashnyuk Yu., V. , Taglina, O.V., Shakhbazov, V.G.	In vitro examination of edyson-dependent activity of the ontogenetic puffs in Drosophila salivary glands in regard to heterosis effect and adaptive significant selection (1991) Genetika, 27 (9), pp. 1512-1518.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026216329&partnerID=40&md5=ebdd0f3cc73152d99299bfe158a81032

	Strashnyuk Yu., V. , Taglina, O.V., Shakhbazov, V.G.	Parallels changes of polytene chromosomes puffing activity and bioelectric properties of cell nuclei in <i>Drosophila melanogaster</i> after heat shock (1990) <i>Genetika</i> , 26 (5), pp. 874-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025340374&partnerID=40&md5=4a1bc6da4e4d70031b646ff97058dc
	Shakhbazov, V.G., Shkorbatov, Y.G., Strashnyuk, V.Y.	Regulation of the activity of the nuclear genome and the bioelectric properties of chromatin and the cell nucleus (1986) <i>Doklady Biological Sciences</i> , 290 (1-6), pp. 562-565.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022977262&partnerID=40&md5=83400e04832dce45deb4ba911bb221c
	Strashnyuk, V.Y. , Vorobyova, L.I., Shakhbazov, V.G.	The contribution of heterozygosity for chromosome 2 to the heterosis effect in <i>Drosophila melanogaster</i> (1985) <i>Genetika</i> , 21 (11), pp. 1828-1833.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022349561&partnerID=40&md5=51691a678819ef827669a706ba7826e
186	Hrechko, Y.O., Azarenkov, N.A., Babenko, I.V., Raybchikov, D.L., Vusyk, N.N., Tseluyko, A.F.; Borgun, I.	Anisotropy of radiation from dense plasma of multiply ionized atoms (2015) <i>Problems of Atomic Science and Technology</i> , 98 (4), pp. 32-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941126282&partnerID=40&md5=58fc6cfc2ba46d189e881f6f998e23d
	Sereda, I.N., Tseluyko, A.F., Ryabchikov, D.L., Babenko, I.V., Hrechko, Y.O., Hetman, V.A., Borgun, I.	Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply (2015) <i>Problems of Atomic Science and Technology</i> , 98 (4), pp. 342-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941077782&partnerID=40&md5=f55ed9ada0d34e014695638c59c719
	Hrechko, Y., Azarenkov, N.A., Dimitrova, V.D., Borgun, I. , Ryabchikov, D.L., Sereda, I.N., Hryhorenko, A.V., Tseluyko, A.F.	Dynamics of euv-radiation from the partially contracted plasma diode (2015) <i>Problems of Atomic Science and Technology</i> , 95 (1), pp. 190-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923204803&partnerID=40&md5=02d96cce057db4718a6fa8647f9641a
	Borgun, I.V. , Hrechko, Y.O., Azarenkov, N.A., Dimitrova, V.D., Ryabchikov, D.L., Sereda, I.N., Hryhorenko, A.V., Tseluyko, A.F.	Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation (2015) <i>Problems of Atomic Science and Technology</i> , 95 (1), pp. 174-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923123356&partnerID=40&md5=3dad3a6c8d2ec84395cfe14256d821
	Borgun, I.V. , Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	PIG charged particle source with hydrogen supply from a metal-hydride cathode (2014) <i>Journal of Physics: Conference Series</i> , 514 (1), статья № 012051, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902124668&doi=10.1088%2f1742-6596%2f514%2f1%2f012051&partnerID=40&md5=4d61478e1ca84efabf
	Sereda, I.N., Tseluyko, A.F., Ryabchikov, D.L., Borgun, I.V. , Goncharenko, M.O.	Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode (2014) <i>Problems of Atomic Science and Technology</i> , 94 (6), pp. 201-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918591590&partnerID=40&md5=e6e852d47c1612e9638cd8180014e
	Mysiura, I.N., Girka, I.A., Azarenkov, N.A., Borgun, I.V. , Hrechko, Y.O., Hryhorenko, A.V., Dimitrova, V.D., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	Features of electron beam evaporation under surface electron beam formation (2014) <i>Problems of Atomic Science and Technology</i> , 94 (6), pp. 149-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918494560&partnerID=40&md5=54a4fd0587869cb49db6a78f6a8c76c
	Borgun, I.V. , Zinov'ev, D.V., Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	Dynamical accelerating structures of thermoionic plasma (2013) <i>Problems of Atomic Science and Technology</i> , (4), pp. 61-63.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881580758&partnerID=40&md5=4681377b1b7c6b692655a022c36a89
	Borgun, I.V. , Azarenkov, M.O., Hassanein, A., Tseluyko, O.F., Maslov, V.I., Ryabchikov, D.L.	The formation of a power multi-pulse extreme ultraviolet radiation in the pulse plasma diode of low pressure (2013) <i>Acta Polytechnica</i> , 53 (2), pp. 117-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877300588&partnerID=40&md5=a61c7517f68bcd319e5088feb1d88c3
	Borgun, I.V. , Ryabchikov, D.L., Sereda, I.N., Tseluyko, A.F.	Experimental simulation of metal-hydride cathode working in penning discharge (2013) <i>Problems of Atomic Science and Technology</i> , (1), pp. 228-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876173078&partnerID=40&md5=8fcb049a58d45a5f03b2165c609c8
	Borgun, I.V. , Azarenkov, N.A., Hassanein, A., Tseluyko, A.F., Maslov, V.I., Ryabchikov, D.L.	Double electric layer influence on dynamic of EUV radiation from plasma of high-current pulse diode in tin vapor (2013) <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 377 (3-4), pp. 307-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871011997&doi=10.1016%2fj.physleta.2012.11.027&partnerID=40&md5=ba77f6ccbad9c5e58b4e6ab57b856b56
	Borgun, I.V. , Azarenkov, N.A., Hassanein, A., Tseluyko, A.F., Maslov, V.I., Ryabchikov, D.L., Grechko, Y.	Influence of external magnetic field on intensity and directivity of EUV radiation from high-current pulse plasma diode (2012) <i>Problems of Atomic Science and Technology</i> , (6), pp. 184-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871725859&partnerID=40&md5=8fcd1bf6d2a8506dc5f342d2aa28ca0e
	Tseluyko, A.F., Lazurik, V.T., Ryabchikov, D.L., Hassanein, A., Borgun, I.V. , Sereda, I.N., Borisko, S.V.	Dynamic of wall currents in pulse plasma diode in tin vapor (2011) <i>Problems of Atomic Science and Technology</i> , (1), pp. 143-145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952468703&partnerID=40&md5=9dd4fbefcd107cd579d1ff7a43f38fa
	Tseluyko, A.F., Lazurik, V.T., Ryabchikov, D.L., Hassanein, A., Maslov, V.I., Borgun, I.V. , Sereda, I.N.	Influence of plasma nucleus form on radiation orientation in high-current pulse plasma diode (2010) <i>Problems of Atomic Science and Technology</i> , (6), pp. 176-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650603922&partnerID=40&md5=9a45f5467bf4890d1cee8b94f0a2920
187	Bulgakova, A.A. , Gorobets, N.N.	Directivity of small antenna arrays (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724196, pp. 228-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000480286&doi=10.1109%2fUWBUSIS.2016.7724196&partnerID=40&md5=049b7a0082b6ea0f2074cdd36f752348
	Bulgakova, A.A. , Gorobets, N.N., Katrich, V.A., Lyschenko, V.A.	Directivity of large antenna arrays (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538070, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987933853&doi=10.1109%2fMSMW.2016.7538070&partnerID=40&md5=d694ef60bd1148005f1e7b55007eadda
	Gorobets, N.N., Bulgakova, A.A.	The influence of the screen on the characteristics of omnidirectional radiators and rarefied arrays (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650750, pp. 277-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898616624&doi=10.1109%2fICATT.2013.6650750&partnerID=40&md5=cc9dc26f5eb503cf0e81a480838b6a3
	Gorobets, N.N., Bulgakova, A.A.	Direction and range characteristics of rarefied antenna arrays with screens (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379776, pp. 192-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872224473&doi=10.1109%2fUWBUSIS.2012.6379776&partnerID=40&md5=7c491f143432de04177b321a41a34c14
	Gorobets, N.N., Bulgakova, A.A.	Directivity of the sparse antenna arrays with a binominal amplitude distribution (2011) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 70 (8), pp. 663-672.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960361417&doi=10.1615%2fTelecomRadEng.v70.i8.20&partnerID=40&md5=734b27e59a4f9a0b3306648642c4aa
	Gorobets, N.N., Bulgakova, A.A.	Optimal length of rarefied antenna arrays with maximum gain (2010) <i>КрибМуКо 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology</i> , Conference Proceedings, статья № 5632714, pp. 552-553.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650386373&partnerID=40&md5=2b5667abaad9f257b265c9add9f0e3d
	Gorobets, N.N., Bulgakova, A.A.	Influence of the screen on the range properties of rarefied arrays of near-omnidirectional radiators (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609134, pp. 223-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650158770&doi=10.1109%2fUWBUSIS.2010.5609134&partnerID=40&md5=142ea426ba5ff0925a80e48e9ccfde2
	Gorobets, N.N., Bulgakova, A.A.	Pattern characteristics of dispersed antenna arrays (2010) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 69 (11), pp. 959-966.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958527571&doi=10.1615%2fTelecomRadEng.v69.i11.30&partnerID=40&md5=6be0cd672c1f92771cfa25f5d762e89a
	Gorobets, N.N., Bulgakova, A.A.	Band properties of the highly rarefied arrays (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, статья № 4669359, pp. 66-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649183464&doi=10.1109%2fUWBUS.2008.4669359&partnerID=40&md5=fbea97c81ffa48f9703689d6d0054d2a
	Katrich, V.A., Lyschenko, V.A., Bulgakova, A.A.	Radiation from the transverse slot in a coaxial line (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, статья № 4669365, pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649178441&doi=10.1109%2fUWBUS.2008.4669365&partnerID=40&md5=a78818df46278c370318c847b539c43f
	Gorobets, N.N., Bulgakova, A.A.	Directional characteristics of rarefied antennas array with screen (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425246, pp. 464-467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849132671&doi=10.1109%2fICATT.2007.4425246&partnerID=40&md5=f18812cbb59bae2266c386edc0d1d0e

	Gorobets, N.N., Katrich, V.A., Lyaschenko, V.A., Bulgakova, A.A. Formation of directional patterns of planar antenna arrays (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (17), pp. 1547-1554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347365322&doi=10.1615%2FTelecomRadEng.v65.i17.10&partnerID=40&md5=a221dac1630ff43484d2243ae8d91580
	Katrich, V.A., Lyaschenko, V.A., Belogurov, E.Y., Bulgakova, A.A. Slots in a shielded microstrip line (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo/2005 - Conference Proceedings, 2, статья № 1565050, pp. 591-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846286885&doi=10.1109%2FCRMICO.2005.1565050&partnerID=40&md5=0672866b7885fb290e91b5f47842c791
	Lyaschenko, V.A., Katrich, V.A., Berdnik, S.L., Bulgakova, A.A. Effect of dielectrics on radiating characteristics and directional properties of waveguide-slot antennas (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 383-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644388559&partnerID=40&md5=59ba4ea13c64b41b2a195b729205b28
188	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N. Effect of lead on the thermal dispersion of continuous polycrystalline copper films (2017) Vacuum, 142, pp. 29-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018270820&doi=10.1016%2Fj.vacuum.2017.04.037&partnerID=40&md5=78a9038c0b0b64c08e458abe8378e13a
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N. Supercooling during crystallization of fusible metal particles in multilayer "carbon-metal-carbon" films (2016) Problems of Atomic Science and Technology, 104 (4), pp. 118-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988662681&partnerID=40&md5=5e1e4c1d595b405bfa83594f913c23b9
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N. Stability limits of the liquid phase in the layered Mo/Pb/Mo, Mo/Bi/Mo and Mo/In/Mo film systems (2016) Journal of Nano- and Electronic Physics, 8 (4), статья № 04073, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018508339&doi=10.2127%2Fjnp.e8%284%282%29%29.04073&partnerID=40&md5=05095939e91d114b3e887cbeab504df9
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N. Growth of through pores and thermal dispersion of continuous polycrystalline films of copper (2016) Metallofizika i Noveishie Tekhnologii, 38 (10), pp. 1351-1366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014476076&doi=10.15407%2Fmfint.38.10.1351&partnerID=40&md5=d81865b9362e187889df2f166ac011cb
	Dukarov, S.V., Petrushenko, S.I., Sukhov, V.N., Skryl, O.I. In situ research on temperature dependence of the lattice parameters of fusible metals in thin Cu-Pb and Cu-Bi films (2016) Functional Materials, 23 (2), pp. 218-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8497376599&doi=10.15407%2Ff.m.23.02.218&partnerID=40&md5=52364905fe8fb9e1992c2d24755144eb
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N. Formation and thermal stability of liquid phase in layered film systems (2015) Vacuum, 122, pp. 208-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943776599&doi=10.1016%2Fj.vacuum.2015.09.030&partnerID=40&md5=5bdc9f1f02fd724c3d9171f132dc7973
	Petrushenko, S.I., Dukarov, S.V., Sukhov, V.N., Churilov, I.G. Inner size effect in the polycrystalline metal films of fusible metals (2015) Journal of Nano- and Electronic Physics, 7 (2), pp. 02033-1-02033-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932169093&partnerID=40&md5=049f3784137b8354561e5b69e4539380
	Dukarov, S.V., Petrushenko, S.I., Sukhov, V.N., Churilov, I.G. Effect of temperature on the pores growth in the polycrystalline films of fusible metals (2014) Problems of Atomic Science and Technology, 89 (1), pp. 110-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893644336&partnerID=40&md5=43a5aeca8bef8a218ddb35f165f60b86
	Gladkikh, N.T., Dukarov, S.V., Sukhov, V.N., Churilov, I.G. Condensation mechanism of AgCl and NaCl island films on a nickel substrate (2011) Functional Materials, 18 (4), pp. 529-533.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856740909&partnerID=40&md5=d4c468c9c3b8c81eb0f44503b22682c
	Gladkikh, N.T., Dukarov, S.V., Kryshchal, A.P., Larin, V.I. Size effect during crystallization of small bismuth particles (1998) Fizika Metallov i Metallovedenie, 85 (5), pp. 51-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746304863&partnerID=40&md5=22d234dd465391db01b6ada2c0b901a4
	Dukarov, S.V. Size and temperature effects on wetting in supercooled vacuum condensates (1998) Thin Solid Films, 323 (1-2), pp. 136-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032098114&partnerID=40&md5=22c0931c3b4815c2be64cae03eade45b
	Gladkikh, N.T., Dukarov, S.V., Kryshchal, A.P., Larin, V.I. Size effect upon solidification of small bismuth particles (1998) Physics of Metals and Metallography, 85 (5), pp. 536-541.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039982917&partnerID=40&md5=74b707c917901afccb195aa70240a5d
	Gladkikh, N.T., Dukarov, S.V., Sukhov, V.N. Supercooling during metal crystallization under conditions close to weightlessness using island vacuum condensates (1996) Zeitschrift fuer Metallkunde/Materials Research and Advanced Techniques, 87 (3), pp. 233-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030108933&partnerID=40&md5=46b8929af237b33cbd6c03c223842b8
	Gladkikh, N.T., Dukarov, S.V., Sukhov, V.N. Overcooling on metal crystallization in island-like vacuum deposited films (1994) Fizika Metallov i Metallovedenie, 78 (3), pp. 87-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028505712&partnerID=40&md5=928dc368644e6bfe84f994af1551df7
189	Dubinko, V.I., Dovbnya, A.N., Kushnir, V.A., Khodak, I.V., Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V., Klepikov, V.F., Ostapchuk, P.N. Plasticization of face-centered metals under electron irradiation (2012) Physics of the Solid State, 54 (12), pp. 2442-2449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870791603&doi=10.1134%2FIS1063783412120128&partnerID=40&md5=868acc9a9b1afb2fba373835fd936a1d
	Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V. Low-temperature jump-like strains on different scales in the normal state of Pb-(4-49) at. % In alloys (2012) Low Temperature Physics, 38 (3), pp. 248-254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859029154&doi=10.1063%2F1.3693586&partnerID=40&md5=1796420de32d5ac0a45426b5c7896c9e
	Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V. Low-amplitude abrupt deformation of Pb-27 at.% In alloy in superconducting and normal states at temperatures of 1.65-4.2 K (2011) Low Temperature Physics, 37 (7), pp. 618-624.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053463316&doi=10.1063%2F1.3645024&partnerID=40&md5=d5194a14ab7f506f7756d916b573a282
	Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V. Discontinuous strain alloys pb-(4....49) at.% in normal and superconductivity state in the temperature range 1.65...4.2 K (2011) Problems of Atomic Science and Technology, (4), pp. 89-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051982974&partnerID=40&md5=242c5c8845e0de2a0d417782f2015ae
	Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V. Low-amplitude jump-like deformation of Pb-27 at.% in alloy in superconducting and normal states in the temperature range 1.65-4.2 K (2011) Fizika Nizkikh Temperatur (Kharkov), 37 (7), pp. 783-791.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959383589&partnerID=40&md5=3e48fd4bd52490ca35d9295bb89aac
	Dubinko, V.I., Dovbnya, A.N., Kushnir, V.A., Mitrochenko, V., Hodak, I.V., Lebedev, V.P., Krylovskiy, V.S., Lebedev, S., Klepikov, V.F. Plastic deformation of aluminum under continuous electron irradiation (2010) Problems of Atomic Science and Technology, (5), pp. 43-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549261707&partnerID=40&md5=d5fee38051848a29f1f4687091d9d7e
	Dubinko, V.I., Dovbnya, A.N., Kushnir, V.A., Khodak, I.V., Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V., Klepikov, V.F. Effect of electron irradiation on jumping deformation of al-3%mg (2010) Problems of Atomic Science and Technology, (5), pp. 36-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549289826&partnerID=40&md5=75c42b26c40f59f4896c2ddbe609c7c0
	Dubinko, V.I., Dovbnya, A.N., Kushnir, V.A., Mitrochenko, V.V., Khodak, I.V., Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V., Klepikov, V.F. Effect of high energy electron beam irradiation on plastic deformation of metals (2010) Problems of Atomic Science and Technology, (3), pp. 140-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149474955&partnerID=40&md5=6bf91b3ac16bc12dc55052779f4ab4b8
	Ayzatskiy, M.I., Dovbnya, A.N., Dubinko, V.I., Zhiglo, V.F., Kosoy, A.I., Kushnir, V.A., Mytrochenko, V.V., Perezhogin, S.A., Stepin, D.L., Khodak, I.V., Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V. The facility for the research of electron flux effect on deformation of metals (2010) Problems of Atomic Science and Technology, (3), pp. 145-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149490618&partnerID=40&md5=1afe321beb9fe28e0ed70a23899b9fc8
	Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V., Savich, S.V. Low-amplitude instable deformation of Pb-In alloys in the superconducting state (2008) Fizika Nizkikh Temperatur (Kharkov), 34 (3), pp. 300-308.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40849096483&partnerID=40&md5=b3f815e554d685d476e324ab58ff8e28
	Lebedev, V.P., Krylovskiy, V.S. Low-temperature deformation of thin lead plates (1989) Physics of Metals and Metallography, 67 (2), pp. 180-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024913792&partnerID=40&md5=9c7c8c1a7f5abbd3244e1365681e7e93
	Lebedev, V.P., Krylovskiy, V.S. FLOW STRESS OF ALUMINIUM, LEAD AND INDIUM IN A STRONG MAGNETIC FIELD. (1984) Physics of Metals and Metallography, 58 (4), pp. 186-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021650272&partnerID=40&md5=1196cd0052712fa185f09b04c406333b

	Lebedev, V.P., Krylovskiy, V.S.	INFLUENCE OF THE SIZE FACTOR ON THE SOFTENING OF LEAD IN THE SUPERCONDUCTIVE STATE. (1980) Physics of Metals and Metallography, 49 (5), pp. 143-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019101527&partnerID=40&md5=5020e7a93043bd1e1048ad23f6bb8bcf
	Lebedev, V.P., Khotkevich, V.I., Krylovskiy, V.S., Philips, A.H.	DEFORMATION OF NICKEL IN A STEADY MAGNETIC FIELD. (1979) Physics of Metals and Metallography, 48 (5), pp. 188-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018730007&partnerID=40&md5=f3fb149bed6438d492a89d51d945f0e2
190	Kudintseva, I.G., Nickolaenko, A.P., Rycroft, M.J., Odzimek, A.	AC and DC global electric circuit and the height profile of atmospheric conductivity (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538030, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988025801&doi=10.1109%2FMSMW.2016.7538030&partnerID=40&md5=c0a4462cb35fa2f4a2dc24a6c9c7848
	Kudintseva, I.G., Nickolaenko, A.P., Rycroft, M.J., Odzimek, A.	AC and DC global electric circuit properties and the height profile of atmospheric conductivity (2016) Annals of Geophysics, 59 (5), статья № A0545, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84997113471&doi=10.4401%2Fag-6870&partnerID=40&md5=a56ab5859dca109c89ed0c089eea32aa
	Nickolaenko, A.P., Kudintseva, I.G., Pechony, O., Hayakawa, M., Hobara, Y., Tanaka, Y.T.	The effect of a gamma ray flare on Schumann resonances (2012) Annales Geophysicae, 30 (9), pp. 1321-1329.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866072637&doi=10.5194%2Fangeo-30-1321-2012&partnerID=40&md5=46b47791421578ac741eb44c35f7fba1
	Nickolaenko, A.P., Kudintseva, I.G., Pechonaya, O., Hayakawa, M., Nakamura, T., Hobara, Ya., Tanaka, Ya.	Impact of a gamma-ray burst on the Schumann resonance (2011) Radiophysics and Quantum Electronics, pp. 1-15. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955105369&doi=10.1007%2Fs11141-011-9249-9&partnerID=40&md5=b86a1f1c9118ab58c236a4a2183bab7
	Nickolaenko, A.P., Kudintseva, I.G., Pechonaya, O., Hayakawa, M., Nakamura, T., Hobara, Ya., Tanaka, Y.	Impact of a gamma-ray burst on the Schumann resonance (2011) Radiophysics and Quantum Electronics, 53 (9-10), pp. 542-556.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957812679&doi=10.1007%2Fs11141-011-9249-9&partnerID=40&md5=66a3618f57e6d9999131236078ae5beb
	Kudintseva, I.G., Nickolaenko, A.P., Hayakawa, M.	[Middle atmosphere electric fields above a -shaped stroke (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, статья № 5546106, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957342859&doi=10.1109%2FMSMW.2010.5546106&partnerID=40&md5=a9847808ff0cf92f4fa0771e3c13ba43
	Kudintseva, I.G., Nickolaenko, A.P., Hayakawa, M.	Transient electric field in the mesosphere above a Г-shape lightning stroke (2010) Surveys in Geophysics, 31 (4), pp. 427-448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954145865&doi=10.1007%2Fs10712-010-9095-x&partnerID=40&md5=533d67f4ad90fde13bc6681cb4f6f774
	Kudintseva, I.G., Nickolaenko, A.P., Hayakawa, M.	Spatial fine structure of model electric pulses in the mesosphere above a Г-shaped stroke of lightning (2009) Journal of Atmospheric and Solar-Terrestrial Physics, 71 (5), pp. 603-608.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63349090832&doi=10.1016%2Fj.jastp.2009.02.002&partnerID=40&md5=d707dc548293a23952091108219ed2a9
	Kudintseva, I.G., Nickolaenko, A.P., Hayakawa, M.	Model transient electric pulses in mesosphere above the bent stroke of lightning (2008) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 67 (18), pp. 1691-1699.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56849108835&doi=10.1615%2FTelecomRadEng.v67.i18.80&partnerID=40&md5=47b3b2f86f3d37e3c2eed1cfb8aa9b
	Myand, S.V., Nikolaenko, A.P., Rabinowicz, L.M., Kudintseva, I.G., Hayakawa, M.	Time-domain representation of ELF pulses generated by lightning discharges (2001) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 55 (4), pp. 1-8.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844524622&partnerID=40&md5=43875a8132f41dc5c205b4c0f0c965f8
	Nickolaenko, A.P., Hayakawa, M., Kudintseva, I.G., Myand, S.V., Rabinowicz, L.M.	ELF sub-ionospheric pulse in time domain (1999) Geophysical Research Letters, 26 (7), pp. 999-1002.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033117372&doi=10.1029%2F1999GL900124&partnerID=40&md5=f186d46d1f6156aa5b0aa8d7ab9bcde2
	Kudintseva, I.G., Myand, S.V., Nickolaenko, A.P., Rabinowicz, L.M.	Time domain solution for the natural sub-ionospheric ELF pulse (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, p. 295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032231045&partnerID=40&md5=e4ed239caedc00ff1b33cfac8880dca3
	Nickolaenko, A.P., Sátor, G., Zieger, B., Rabinowicz, L.M., Kudintseva, I.G.	Parameters of global thunderstorm activity deduced from the long-term Schumann resonance records (1998) Journal of Atmospheric and Solar-Terrestrial Physics, 60 (3), pp. 387-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031844069&partnerID=40&md5=e324b61a1207aa17f8431b87b160e902
	Nickolaenko, A.P., Kudintseva, I.G.	A modified technique to locate the sources of ELF transient events (1994) Journal of Atmospheric and Terrestrial Physics, 56 (11), pp. 1493-1498.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042025105&doi=10.1016%2F0021-9169%2894%2990116-3&partnerID=40&md5=494edf88a2e4942b8627eb0c6687d805
191	Bozhkov, A.I., Nikitchenko, Y.V., Klimova, E.M., Linkevych, O.S., Lebid, K.M., Al-Bahadli, A.M.M., Alsardia, M.M.A.	Young and old rats have different strategies of metabolic adaptation to Cu-induced liver fibrosis (2017) Advances in Gerontology, 7 (1), pp. 41-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017550637&doi=10.1134%2F2079057017010040&partnerID=40&md5=8528bec0bf3021fc359a1265e0fdbcf77
	Bozhkov, A.I., Nikitchenko, Y.	Thermogenesis and longevity in mammals. Thyroxin model of accelerated aging (2014) Experimental Gerontology, 60, pp. 173-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84909631237&doi=10.1016%2Fj.exger.2014.10.017&partnerID=40&md5=5ad62bf16ab45d20405a43b857dea0c5
	Ochenashko, O.V., Nikitchenko, Yu.V., Lebedinsky, A.S., Sukach, A.N., Petrenko, A.Yu.	Antioxidant system activation in rats with experimental cirrhosis after injection of cryopreserved fetal liver cells (2011) Ukrain'skyi Biokhimichnyi Zhurnal, 83 (2), pp. 85-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959415783&partnerID=40&md5=c1d3a7ce8f40436dc1fe53e03157f972
	Nikitchenko, Y.V., Dzyuba, V.N., Popovich, A.S., Bondar, V.V., Sheremet, A.A.	Activity of enzymatic antioxidant system in the rat tissues under over- and restricted nutrition (2009) Ukrain'skyi Biokhimichnyi Zhurnal, 81 (6), pp. 104-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649225848&partnerID=40&md5=bfc7a960ccc81d70616206839776f8cd
	Nikitchenko, Y.V., Padalko, V.I., Tkachenko, V.N., Sheremet, A.A., Tovstiak, V.V.	Activity of glutathione-dependent antioxidant system of rat liver and blood depending on γ-irradiation and diet (2008) Ukrain'skyi Biokhimichnyi Zhurnal, 80 (6), pp. 66-73.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59049096058&partnerID=40&md5=9ab8bb21ef4fbef9f2613c6d394ec87
	Ochenashko, O.V., Nikitchenko, Yu.V., Volkova, N.A., Mazur, S.P., Somov, A.Y., Fuller, B.J., Petrenko, A.Y.	Functional hepatic recovery after xenotransplantation of cryopreserved fetal liver cells or soluble cell-factor administration in a cirrhotic rat model: Are viable cells necessary? (2008) Journal of Gastroenterology and Hepatology (Australia), 23 (7 PT2), pp. e275-e282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47649131319&doi=10.1111%2Fj.1440-1746.2007.05095.x&partnerID=40&md5=82310e5e7cd0cc20be7522d720bb9692
	Belostotskaya, L.I., Nikitchenko, Yu.V., Gomon, O.N., Chaika, L.A., Bondar, V.V., Dzyuba, V.N.	Influence of biologically active substances of animal and plant origin on prooxidant - antioxidant balance in rats with experimental prostatic hyperplasia (2006) Eksperimental'naya i Klinicheskaya Farmakologiya, 69 (4), pp. 66-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749004788&partnerID=40&md5=ab92948cbfa8daeb7e90981bbae7dd2b
	Belostotskaya, L.I., Gomon, O.N., Nikitchenko, Yu.V., Chaika, L.A., Bondar, V.V., Dzyuba, V.N.	Prooxidant-antioxidant balance in the prostate and blood of rats with sulpyride-induced prostatic hyperplasia corrected with prostatesin (2005) Bulletin of Experimental Biology and Medicine, 139 (3), pp. 334-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22144473628&doi=10.1007%2Fs10517-005-0287-1&partnerID=40&md5=f5ccbd6c864837367f9f44e0f6a4e1f
	Staren'kij, V.P., Vasil'ev, L.Ya., Nikitchenko, Yu.V., Uzenkova, N.E., Dzyuba, V.N., Medvedeva, E.P., Dikij, N.P.	Effect of subtherapeutic doses of docetaxel (taxoter) on the efficacy of radiotherapy and prooxidant-antioxidant balance in rats with Guerin's carcinoma (2003) Radiatsionnaya Biologiya. Radioekologiya, 43 (6), pp. 640-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0442280619&partnerID=40&md5=f38155842c7213d97df583463beb6e4f
	Nikitchenko, Yu.V., Romanko, M.E., Dzyuba, V.N., Fooks, P.P.	Lipids peroxidation and its regulation in the rats blood and liver under the experimental alimentary radionuclide effect (2001) Ukrain'skyi Biokhimichnyi Zhurnal, 73 (5), pp. 47-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041412751&partnerID=40&md5=1e79810316e4bfec921d778f29b1a9c
	Grishchenko, V.I., Nikitchenko, Yu.V., Ochenashko, O.V., Petrenko, A.Yu., Bondar, V.V., Dzyuba, V.N.	Effect of transplantation of human fetal tissues on prooxidant-antioxidant equilibrium in the liver and blood rats after partial hepatectomy in rats (2001) Bulletin of Experimental Biology and Medicine, 132 (4), pp. 950-952.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036218231&doi=10.1023%2FA9%3a1013607009226&partnerID=40&md5=331d940a0d51a32fce4d60222585a02
	Brovkovich, V.M., Nikitchenko, Yu.V., Lemeshko, V.V.	Disturbance of Ca++-transport function and lipid component of sarcoplasmic reticulum membranes during total ischemia of the rat myocardium (1987) Bulletin of Experimental Biology and Medicine, 104 (5), pp. 1525-1527.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250091039&doi=10.1007%2FBF00845069&partnerID=40&md5=3d592922bd8376dca64c51257bcd3bc

	Lemeshko, V.V., Nikitichenko, Yu.V. , Lankin, V.Z.	Hydroperoxide and O ₂ -utilizing enzymes in the rat myocardium at different ages (1985) Bulletin of Experimental Biology and Medicine, 99 (5), pp. 590-592.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250119658&doi=10.1007%2FbF00832726&partnerID=40&md5=d72a7b6a3b4cee759262582c76ad5959
	Lemeshko, V.V., Nikitichenko, Yu.V.	Lipid peroxidation in myocardial membranes and its control during aging (1982) Bulletin of Experimental Biology and Medicine, 94 (5), pp. 1477-1480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250144165&doi=10.1007%2FbF00833295&partnerID=40&md5=021d58172accf24f484793cd563056ba
192	Patsegon, N.F. , Popova, L.N.	Spatial structures in magnetizable fluids (2012) Journal of Mathematical Sciences, 180 (2), pp. 175-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855499941&doi=10.1007%2FbF00833295&partnerID=40&md5=021d58172accf24f484793cd563056ba
	Patsegon, N.F. , Popova, L.N.	Wave structures in magnetic fluid (2003) International Journal of Fluid Mechanics Research, 30 (3), pp. 323-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042720556&doi=10.1615%2FinterFluidMechRes.v30.i3.60&partnerID=40&md5=9ab21227d91c962a3dd942385264fd22
	Patsegon, N.F.	Some self-organization processes in magnetizable media (1993) Magnitnaya Gidrodinamika, (1), pp. 13-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027347788&partnerID=40&md5=f26fe8dfad8118175bea04a8e8a867fa
	Patsegon, N.F.	Thermodynamic models of microstructure transformations in magnetizable media (1991) Magnitnaya Gidrodinamika, (4), pp. 40-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026235670&partnerID=40&md5=16ce36b3662e91951b694e6d87a48d00
	Patsegon, N.F.	Thermodynamic models of microstructure transformations in magnetizable media (1991) Magnitnaya Gidrodinamika, (3), pp. 10-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026193512&partnerID=40&md5=50efc59b8aa166cfe957b6c0b1b3d53
	Patsegon, N.F.	General properties of wave motion in nonconducting magnetized media (1991) Magnetohydrodynamics New York, N.Y., 26 (3), pp. 279-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025751096&partnerID=40&md5=0bac8dc59b3815fd31147d86f0ef9e3
	Patsegon, N.F.	Thermodynamic stability in magnetized media (1990) Magnetohydrodynamics New York, N.Y., 26 (1), pp. 17-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024983001&partnerID=40&md5=aa3a77e25b9c7b347596aef786656a73
	Patsegon, N.F. , Tarapov, I.E., Fedonenko, A.I.	ULTRASONIC EXAMINATION OF THE PHYSICAL PROPERTIES OF A FERROMAGNETIC LIQUID. (1983) Magnetohydrodynamics New York, N.Y., 19 (4), pp. 391-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020828539&partnerID=40&md5=a95cb3fe591ebb6eb81118731c73a87
	Patsegon, N.F. , Tarapov, I.E.	Steady magnetic waves (1983) Fluid Dynamics, 18 (3), pp. 343-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020747598&doi=10.1007%2FbF01090547&partnerID=40&md5=7feb88956bd4adb7068bd7b1efbd032c
	Tarapov, I.Ye., Patsegon, N.F. , Phedonenko, A.I.	Some physical and mechanical phenomena in magnetizable fluids (1983) Journal of Magnetism and Magnetic Materials, 39 (1-2), pp. 51-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020848664&doi=10.1016%2F0304-8853%2883%2990396-7&partnerID=40&md5=615f3906b7f5d3e7cf6d3815637ec2e8
	Patsegon, N.F.	Stationary simple waves in an electrically conducting magnetizable fluid (1980) Fluid Dynamics, 15 (5), pp. 741-747.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019053909&doi=10.1007%2FbF01089649&partnerID=40&md5=734f2169b9a3a4d6b083c45442d734e2
	Patsegon, N.F.	Weak discontinuities in an electrically conducting magnetized liquid (1980) Journal of Applied Mechanics and Technical Physics, 21 (2), pp. 182-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250252316&doi=10.1007%2FbF00918225&partnerID=40&md5=a420d9b18cef2723e94c3c13c8ad34b1
	Tarapov, I.Ye., Patsegon, N.F.	NONLINEAR WAVES IN CONDUCTIVE MAGNETIZABLE FLUID. (1980) IEEE Transactions on Magnetics, MAG-16 (2), pp. 309-316.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018999019&partnerID=40&md5=4941b3f8e3a807cc3a0fcb6543db1cdb
	Patsegon, N.F. , Polovin, R.V., Tarapov, I.E.	Simple waves and strong discontinuities in a magnetizable medium. PMM. vol. 43, no. 1, 1979, pp. 57-64 (1979) Journal of Applied Mathematics and Mechanics, 43 (1), pp. 60-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49249153613&doi=10.1016%2F0021-8928%2879%2990123-0&partnerID=40&md5=5c38a965ade9739c5ba7cd8b7d1853f4
193	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V.	Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride (2016) Problems of Atomic Science and Technology, 102 (2), pp. 92-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964282729&partnerID=40&md5=df54165b5f319f50fa5553f09592038b
	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V. , Zetova, T.R.	Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) Functional Materials, 23 (4), pp. 561-569.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008192072&doi=10.15407%2Ffm23.04.387&partnerID=40&md5=52b7e2851cfd39984942a2e4fb8f136d
	Badiyan, E.E., Tonkopryad, A.G., Zetova, T.R., Shurinov, R.V. , Talakh, S.V., Dergacheva, A.V.	Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation (2016) Problems of Atomic Science and Technology, 101 (1), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958582524&partnerID=40&md5=32870d1a25c757501337003bc29d722b
	Badiyan, E.Yu., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V.	Plastic rotations in polycrystalline aluminium foils (2015) Metallofizika i Noveishie Tekhnologii, 37 (7), pp. 951-960.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945959584&partnerID=40&md5=4d1254fb7537ac7f32f0e81ae3fd0643
	Badiyan, E.E., Shurinov, R.V. , Tonkopryad, A.G., Zetova, T.R., Shekhovtsov, O.V., Kazachkova, K.S.	Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) Functional Materials, 22 (3), pp. 396-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944599709&doi=10.15407%2Ffm22.03.396&partnerID=40&md5=13f9cea0e4f30e0e5b0c087160e3e5ee
	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V. , Zetova, T.R., Kazachkova, K.S.	Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) Functional Materials, 21 (3), pp. 307-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907576385&partnerID=40&md5=4d48d90ea759aaf6e544df0df9973e
	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V. , Zetova, T.R.	Optical technique for the in situ study of orientation and structure changes accompanied the plastic deformation of polycrystalline specimens of aluminum (2011) Inorganic Materials, 47 (15), pp. 1663-1666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455165046&doi=10.1134%2FIS0020168511150039&partnerID=40&md5=69f9791da5c7782bdf6c71479183c4c1
	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V. , Dibrova, D.V.	New approach to grain boundaries detection in polycrystalline materials by scratching of sample's surface (2011) Functional Materials, 18 (4), pp. 534-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856722164&partnerID=40&md5=90385d6e8eeff65ce46860472ef52e69
	Pasyuga, V.N., Mavrodi, S.A., Kuznetsov, K.A., Badian, E.E., Shurinov, R.V. , Ivanchenko, D.D., Shckorbatov, Y.G.	Study of the combined effects of X-rays and low-energy microwave electromagnetic field on the state of chromatin in the nuclei of human buccal epithelium cells (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068808, pp. 1021-1022.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143795&partnerID=40&md5=07c201703539a8ce2b16f2f14a14c635
	Badiyan, E.Yu., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V.	Effect of detection of grain boundaries and twin boundaries as a result of the scratching on surface of polycrystalline sample by means of the sclerometry method (2011) Metallofizika i Noveishie Tekhnologii, 33 (10), pp. 1375-1382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856143183&partnerID=40&md5=a69cb376690e05dab75b72b6f331656c
	Badiyan, E.Yu., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V. , Gritsenko, V.I.	Influence of titanium nitride coating hardening on plastic deformation development and mechanical properties of two-dimensional aluminium polycrystals (2010) Metallofizika i Noveishie Tekhnologii, 32 (6), pp. 775-784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957885218&partnerID=40&md5=e2f6546e89dee661a4ecd3922ad3f6f0
	Badiyan, E.Yu., Tonkopryad, A.G., Shekhovtsov, O.V., Shurinov, R.V.	Changes of orientations and development of cracks during plastic deformation of two-dimensional polycrystals of aluminium (2008) Metallofizika i Noveishie Tekhnologii, 30 (3), pp. 361-371.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49649124398&partnerID=40&md5=c1d66535e50489a5a16998dfde12fe
	Badiyan, E.E., Tonkopryad, A.G., Saharova, N.A., Shekhovtsov, O.V., Shurinov, R.V.	Quantitative metallographic analysis with use of computer (2005) Zavodskaya Laboratoriya. Diagnostika Materialov, 71 (2), pp. 32-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24744446573&partnerID=40&md5=a9ceb1ccd8e20b7c8472f2f30cc63483
	Badiyan, Ye.Yu., Tonkopryad, A.G., Sakharova, N.O., Shekhovtsov, O.V., Shurinov, R.V.	Atomic structure and energy of rigid boundaries of grains of F.C.C. crystals (2004) Metallofizika i Noveishie Tekhnologii, 26 (6), pp. 809-819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644272389&partnerID=40&md5=224021dc825dc1c2e10bc3c519b2020b

194	Afanasieva, I.A. , Bobkov, V.V., Gritsyna, V.V., Oksenyuk, I.I., Shevchenko, D.I.	Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions (2017) Journal of Surface Investigation, 11 (1), pp. 146-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015392126&doi=10.1134%2F1027451017010037&partnerID=40&md5=564da2dad9b866acfa84b8d6548b7f0
	Bobkov, V.V., Gritsyna, V.V., Gritsyna, V.T., Afanasieva, I.A. , Shevchenko, D.I.	Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment (2016) Journal of Surface Investigation, 10 (6), pp. 1239-1265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002496900&doi=10.1134%2F1027451016050694&partnerID=40&md5=1b1ff1bc8204b847e46ab9c952032583
	Afanas'eva, I.A. , Bobkov, V.V., Gritsyna, V.V., Okseniuk, I.I., Shevchenko, D.I., Zelenina, I.S.	On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet (2016) Vacuum, 129, pp. 148-152.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961938164&doi=10.1016%2Fvacuum.2016.03.014&partnerID=40&md5=f1d2f862d2db29b11a247ca5902464e0
	Azarenkov, N.A., Afanas'eva, I.A. , Bobkov, V.V., Gritsyna, V.V., Gritsyna, V.T., Peretyatko, A.A., Ryzhov, D.A., Shevchenko, D.I.	Ion-photon emission under ion bombardment of garnet structures of different composition (2014) Vacuum, 105, pp. 91-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899929473&doi=10.1016%2Fvacuum.2013.10.022&partnerID=40&md5=14224d7305b49667dd5b035e4dcdf056f
	Afanas'eva, I.A. , Bobkov, V.V., Gritsyna, V.V., Ryzhov, D.A., Shevchenko, D.I.	Effect of modification sapphire surface under ion irradiation on the excited particles yield (2013) Problems of Atomic Science and Technology, 87 (5), pp. 33-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885820585&partnerID=40&md5=417e50a3967d2cda402bb4b420f827cd
	Afanas'eva, I.A. , Bobkov, V.V., Gritsyna, V.V., Kozhevina, L.A., Shevchenko, D.I.	Ion-photon emission of metal-containing organic dyes (2012) Journal of Surface Investigation, 6 (4), pp. 664-667.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865480287&doi=10.1134%2F1027451012080058&partnerID=40&md5=71f53be4ad9821dd0002c55097697581
	Bobkov, V.V., Afanas'eva, I.A. , Gritsyna, V.V., Gritsyna, V.T., Ryzhov, D.A., Shevchenko, D.I.	Characteristic features of ion-photon emission from yttrium-iron garnets (2012) Vacuum, 86 (10), pp. 1624-1629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861618072&doi=10.1016%2Fvacuum.2011.12.011&partnerID=40&md5=2ab9038d58c43d9fd517de7199be6e1
	Afanas'eva, I.A. , Bobkov, V.V., Gritsyna, V.V., Shevchenko, D.I.	Investigation of organic systems by ion-photon spectroscopy (2011) Quantum Electronics, 41 (6), pp. 564-567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960190377&doi=10.1070%2FQE2011v041n06ABEH014643&partnerID=40&md5=fd7453ac15dcbcd1c3589f6842240fa9
	Afanas'eva, I.A. , Bobkov, V.V., Gritsyna, V.V., Shevchenko, D.I.	Organic systems investigation by ion-photon spectroscopy (2011) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 7999, статья № 79990A.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955901411&doi=10.1117%2F12.8900308&partnerID=40&md5=3840fb9511eb0d5da048a003d14b443b
	Alimov, S.S., Afanas'eva, I.A. , Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Shevchenko, D.I.	Ion-photon spectrometry study of the organic dye-lipid system (2011) Ukrainian Journal of Physics, 56 (3), pp. 211-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953671197&partnerID=40&md5=8650491ba628e0eb748103841f8f70f
	Afanas'eva, I.A. , Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Kovtun, K.V., Trembach, O.V., Shevchenko, D.I.	Effect of phase on the formation of excited particles under ion bombardment of Fe-Co alloys (2010) Vacuum, 84 (8), pp. 1011-1013.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649236838&doi=10.1016%2Fvacuum.2009.12.011&partnerID=40&md5=a10b85de7307d917dc9149b671d7eb6b
	Afanas'eva, I.A. , Bobkov, V.V., Gokov, S.P., Gritsyna, V.V., Sukhostavets, O.V., Shevchenko, D.I.	Formation of excited particles under ion bombardment of organic dyes (2010) Ukrainian Journal of Physics, 55 (2), pp. 181-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649293801&partnerID=40&md5=477541c10d6b74591114fa399ee9f225
	Afanas'eva, I.A. , Bizyukov, A.A., Borisko, V.N., Ryabshchikov, D.L., Unakov, N.N.	The emission characteristics of the electrodes metal hydride in gas discharge of low pressure (2008) Problems of Atomic Science and Technology, (4), pp. 174-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549251068&partnerID=40&md5=5f4839e414acef5a58e8c0050dbec2c0
195	Tyurin, R.V., Lukyanov, B.S., Chernyshev, A.V., Borodkin, G.S., Khalanski, K.N., Chepeleva, L.V. , Lukyanova, M.B.	Photo- and thermochromic spiropyrans 42.*The effect of structural factors on the photochromic properties of indolinospiro-pyrans containing a condensed furan fragment (2014) Chemistry of Heterocyclic Compounds, 50 (5), pp. 734-741.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905105040&doi=10.1007%2F10593-014-1528-x&partnerID=40&md5=17977ee25864b373066b3f51c9ee138f
	Chepeleva, L.V. , Roshal, A.D., Lukyanov, B.S., Doroshenko, A.O., Tyurin, R.V., Lukyanova, M.B.	Photochromic and thermochromic spirans 41*. Quantum-chemical study of the Geometry and electronic structure of 1,3,3-Trimethyl-1',2'-Diphenylspiro[Indoline-2,7'-Furo[3,2-f]Chromene] in the ground and excited states (2014) Chemistry of Heterocyclic Compounds, 50 (3), pp. 364-370.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904308313&doi=10.1007%2F10593-014-1483-6&partnerID=40&md5=c3bcfd2118d162cf50b99ddc18fe911d
	Chepeleva, L.V. , Matsakov, A.Y., Kondratyuk, Z.A., Yaremenko, F.G., Doroshenko, A.O.	Pyrazolylc 3-hydroxychromones: Regulation of ESPT reaction by the "flavonol-like" intramolecular hydrogen bonding to carbonyl group oxygen, which dominates over the "alternative" H-bond to heterocyclic nitrogen (2010) Journal of Photochemistry and Photobiology A: Chemistry, 209 (2-3), pp. 163-173.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952243288&doi=10.1016%2Fj.jphotochem.2009.11.010&partnerID=40&md5=64b915bf3ed3482818eb9d891dc950e7
	Gutov, A.V., Rusanov, E.B., Chepeleva, L.V. , Garasevich, S.G., Ryabitskii, A.B., Chernega, A.N.	New viologen analogs: 1,4-bis(2-(pyridin-4-yl)ethenyl)benzene quaternary salts (2009) Russian Journal of General Chemistry, 79 (7), pp. 1513-1518.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349637112&doi=10.1134%2F1070363209070196&partnerID=40&md5=ee740cbd5321993dd6fcbce6e854135f
	Kutulya, L., Krivoshey, A., Popova, E., Shkolnikova, N., Fedoryako, A., Pivnenko, N., Chepeleva, L.V. , Doroshenko, A.	Photoinduced effects in liquid crystal systems containing chiral α,β -unsaturated ketones (2005) Molecular Crystals and Liquid Crystals, 426, pp. 99-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27944484780&doi=10.1080%2F15421400509809787&partnerID=40&md5=080283f9dda2b178fb60999122895437
	Krivoshey, A.I., Shkolnikova, N.I., Kutulya, L.A., Chepeleva, L.V. , Novikova, N.B.	Liquid-crystal chiral-nematic systems with photoinduced helix inversion (2004) Journal of the Society for Information Display, 12 (2), pp. 173-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242882650&doi=10.1889%2F1.1811440&partnerID=40&md5=f1c374ab33ed176f1542f8d89e40b1e1
	Chepeleva, L.V. , Doroshenko, A.O., Kutulya, L.A., Drushlyak, T.G., Pivnenko, N.S., Vashchenko, V.V.	Photochemical transformations of 2-arylidene-menthanones - Chiral dopants for liquid crystalline systems (2003) Proceedings of SPIE - The International Society for Optical Engineering, 5257, pp. 71-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842528155&partnerID=40&md5=abc19c7af09f02ee44aca67cc030c2d
	Pivnenko, N.S., Vashchenko, V.V., Kutulya, L.A., Doroshenko, A.O., Chepeleva, L.V.	Conformations of Z- and E-isomers of some chiral (1R,4R)-2-arylidene-p-menthan-3-ones (2001) Russian Chemical Bulletin, 50 (9), pp. 1596-1604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035528236&doi=10.1023%2FA93a1013082417885&partnerID=40&md5=10731ccef70df8d46d3c794cd09a02
	Kutulya, L.A., Vashchenko, V.V., Doroshenko, A.O., Pivnenko, M.N., Chepeleva, L.V. , Pivnenko, N.S., Shkolnikova, N.I.	New chiral E- and Z-isomers of the 1R,4R-2-arylidene-p-menthan-3-ones in induced cholesteric and ferroelectric liquid crystals (2001) Proceedings of SPIE - The International Society for Optical Engineering, 4418, pp. 89-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034858986&doi=10.1117%2F12.428299&partnerID=40&md5=a20cca9c74b4e7fcb4d7f83ae98691c
	Kuznetsov, V.P., Kulishov, V.I., Kutulya, L.A., Chepeleva, L.V. , Yarmolenko, S.N.	Molecular structure of α,β -unsaturated ketones: 2-benzylidenecyclohexanone and some its derivatives (1999) Kristallografiya, 44 (2), pp. 229-237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000609812&partnerID=40&md5=c22e38a7219aaa409723cb711e650041
	Kuznetsov, V.P., Kulishov, V.I., Kutulya, L.A., Chepeleva, L.V. , Yarmolenko, S.N.	Molecular structure of α,β -unsaturated ketones: 2-benzylidenecyclohexanone and some of its derivatives (1999) Crystallography Reports, 44 (2), pp. 196-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033096111&partnerID=40&md5=14817f587cc24f0279618a9e9cdaa62
	Doroshenko, A.O., Patsenker, L.D., Baumer, V.N., Chepeleva, L.V. , Van'kevich, A.V., Kirichenko, A.V., Yarmolenko, S.N., Scherschukov, V.M., Mitina, V.G., Ponomarev, O.A.	Structure of sterically hindered aryl derivatives of five-membered nitrogen containing heterocyclic ortho-analogs of POPOP (1994) Molecular Engineering, 3 (4), pp. 353-363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000640025&doi=10.1007%2FBF01003759&partnerID=40&md5=669cc80f88dff7e3ff4a727eb549ac09
	Yarmolenko, S.N., Kutulya, L.A., Vashchenko, V.V., Chepeleva, L.V.	Photosensitive chiral dopants with high twisting power (1994) Liquid Crystals, 16 (5), pp. 877-882.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001233991&doi=10.1080%2F02678299408027858&partnerID=40&md5=a64819896ad6f98f994d2eb417d44de0
196	Bizyukov, A.A., Chibisov, A.D. , Romashchenko, E.V., Kolyada, Y.E.	Decay of liquid metallic macroparticles in plasmabeam systems due to rayleigh instability (2017) Problems of Atomic Science and Technology, 107 (1), pp. 163-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016124384&partnerID=40&md5=d84bb379c8ac688c88f74fc689f9b7
	Bizyukov, A.A., Chibisov, A.D. , Romashchenko, E.V., Kolyada, Y.E.	Vaporization of metallic macroparticles in the high temperature technology plasma (2016) Problems of Atomic Science and Technology, 106 (6), pp. 268-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007618855&partnerID=40&md5=36a27ac5116d7853389c94522a9282bc
	Bizyukov, A.A., Girka, I.A., Romashchenko, E.V., Chibisov, A.D.	Charging of macroparticles in a high-voltage vacuum ARC sheath (2015) Problems of Atomic Science and Technology, 95 (1), pp. 246-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923166779&partnerID=40&md5=d95296997e943730168eabd10f120f2e

	Bizyukov, A.A., Chibisov, D.V., Chibisov, A.D. , Romashchenko, E.V., Kovalenko, V.V.	Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources (2015) Problems of Atomic Science and Technology, 98 (4), pp. 298-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941082771&partnerID=40&md5=33f0fb4664a3487fe192e79de328974
	Bizyukov, A.A., Sereda, K.N., Chibisov, A.D. , Romashchenko, E.V., Kovalenko, V.V.	Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam (2014) Problems of Atomic Science and Technology, 94 (6), pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918528760&partnerID=40&md5=e30cc1040b65337efe74f543cddf62c
	Bizyukov, A.A., Chibisov, A.D. , Sereda, K.N., Romashchenko, E.V., Dimitrova, V.	Charging processes and phase states of macroparticles in low-pressure arc discharge (2013) Problems of Atomic Science and Technology, (4), pp. 176-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881569964&partnerID=40&md5=7bdc19f3b7d387e81622c68f2cc36b97
	Bizyukov, A.A., Chibisov, A.D. , Romashchenko, E.V.	Effect of the parameters of a gas-discharge plasma on the equilibrium temperature and floating potential of macroparticle (2012) Problems of Atomic Science and Technology, (6), pp. 175-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871791983&partnerID=40&md5=fc44ad778db29bcc2fbadf1d713c2fe0
	Bizyukov, A.A., Sereda, K.N., Chibisov, A.D.	Charging processes of metal macroparticles in the low-temperature plasma at presence of high-energy electron beam (2011) Problems of Atomic Science and Technology, (1), pp. 107-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952463258&partnerID=40&md5=64fa10cb7906e13d93358256fd9cad0
	Bizyukov, A.A., Girka, O.I., Kashaba, A.Y., Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Phase states of macroparticles under interaction of keV ion beam with dusty plasma (2010) Problems of Atomic Science and Technology, (6), pp. 147-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650595301&partnerID=40&md5=3d42a59f6c72d02487ad2b67810e1eb1
	Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Heating and evaporation of metal macroparticles in beam-plasma systems (2010) Problems of Atomic Science and Technology, (4), pp. 189-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149476526&partnerID=40&md5=7616e22330489f898b9868e58b108507
	Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Electric potential of a macroparticle in beam-plasma systems (2009) Plasma Physics Reports, 35 (7), pp. 499-501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349591826&partnerID=40&md5=93c9558ec2ee875b999df97209f8d54
	Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Electric potential of a macroparticle in beam-plasma systems (2009) Plasma Physics Reports, 35 (6), pp. 499-501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349441028&doi=10.1134%2FIS1063780X09060063&partnerID=40&md5=cf0b5d15896961712825e58d499178ff
	Bizyukov, A.A., Romashchenko, E.V., Sereda, K.N., Chibisov, A.D. , Nazarov, A.V.	Emission characteristics and potential of macroparticle in beam-plasma discharge (2008) Problems of Atomic Science and Technology, (6), pp. 162-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549260732&partnerID=40&md5=296f6c36bb403772bab2f8b7736ac319
197	Favorov, S.Y.	Lagrange's mean motion problem (2009) St. Petersburg Mathematical Journal, 20 (2), pp. 319-324.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009809713&doi=10.1090%2FIS1061-0022-09-01049-8&partnerID=40&md5=014b1fc9f4e2168adeaa3d17c9c14e3
	Favorov, S.Y.	Zero sets of entire functions of exponential type with additional conditions on the real axis (2008) St. Petersburg Mathematical Journal, 20 (1), pp. 95-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009830195&doi=10.1090%2FIS1061-0022-08-01039-X&partnerID=40&md5=85e50395be36dc0bb722ff51d88f00c9
	Favorov, S.Yu.	Plurisubharmonic functions and pluripolar sets in dual Banach spaces (1995) Journal of Mathematical Sciences, 77 (1), pp. 2963-2967.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249755768&doi=10.1007%2FBF02362681&partnerID=40&md5=bacbee272cba050756fe122f7c210dae
	Logvinenko, V.N., Favorov, S.Yu.	Cartwright-type theorems and real uniqueness sets for entire functions of exponential type (1993) Mathematical Notes, 53 (3), pp. 294-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250082350&doi=10.1007%2FBF01207716&partnerID=40&md5=d3bc37938ddbc58f17a2d67a73f934c7
	Aizenberg, L.A., Favorov, S.Y. , Gol'dberg, A.A., Levin, B.Y., Logvinenko, V.N., Marchenko, V.A., Napalkov, V.V., Ostrovskii, I.V.	Lev isaakovich ronkin (1991) Russian Mathematical Surveys, 46 (5), pp. 207-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957132750&doi=10.1070%2FRM1991v046n05ABEH002839&partnerID=40&md5=620da60abdc83d7186ad0b2c8514725f
	Zabolotskii, N.V., Favorov, S.Yu.	Asymptotic formulas for subharmonic functions in Rm of order zero (1990) Journal of Soviet Mathematics, 48 (6), pp. 711-713.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249957217&doi=10.1007%2FBF01094730&partnerID=40&md5=724e42acc2473f0cdf6d5f18579f119
	Favorov, S.Yu.	A theorem of Sibony and Wong (1990) Journal of Soviet Mathematics, 48 (5), pp. 593-598.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249962911&doi=10.1007%2FBF01095630&partnerID=40&md5=51c58acb4c6352ecf127be9b48c48019
	Favorov, S.Yu.	Growth and distribution of zeros of holomorphic mappings of a finite-dimensional space into a Banach space (1990) Siberian Mathematical Journal, 31 (1), pp. 137-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040598427&doi=10.1007%2FBF00971159&partnerID=40&md5=b0628dc6bca7955face0de41a97c612
	Favorov, S.Yu.	Distribution of the values of holomorphic mappings of Cm into a banach space (1987) Functional Analysis and Its Applications, 21 (3), pp. 251-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51249173270&doi=10.1007%2FBF02577148&partnerID=40&md5=0ce601d189ceaa4041d16903dd2fd19f
	Favorov, S.Yu.	Growth of plurisubharmonic functions (1983) Siberian Mathematical Journal, 24 (1), pp. 137-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250148683&doi=10.1007%2FBF00968807&partnerID=40&md5=6290a874e7e40551f91c78f8db5afcdca
	Favorov, S.Yu.	Reduction sets for subharmonic functions of totally regular growth (1979) Siberian Mathematical Journal, 20 (6), pp. 919-926.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250250075&doi=10.1007%2FBF00970392&partnerID=40&md5=98ff7964e001ae90b1f351b40788be84
	Favorov, S.Yu.	The lower order of functions of the class B (1975) Mathematical Notes of the Academy of Sciences of the USSR, 18 (3), pp. 853-857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250388704&doi=10.1007%2FBF01095445&partnerID=40&md5=c849798629d6d7fe91ab8ca1c0e2dc7b
	Favorov, S.Yu.	Property of integral curves (1975) Functional Analysis and Its Applications, 9 (1), pp. 85-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250404297&doi=10.1007%2FBF01078194&partnerID=40&md5=c9507c156d56c35788ad639ac2834680
198	Chernogor, L.F., Garmash, K.P.	Magneto-ionospheric effects of the solar eclipse of March 20, 2015, over Kharkov (2017) Geomagnetism and Aeronomy, 57 (1), pp. 72-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013625302&doi=10.1134%2FIS0016793216060062&partnerID=40&md5=05edd85150f99d4763fe1a136aa62b76
	Garmash, K.P. , Gritchin, A.I., Martynenko, S.I., Rozumenko, V.T., Tyrnov, O.F.	Electrodynamic processes in the electrically active mesosphere (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632884, pp. 1181-1182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650408223&partnerID=40&md5=9fb3effe6e7e0a5784971a3fa7dd08
	Garmash, K.P. , Gritchin, A.I., Martynenko, S.I., Podnos, V.A., Rozumenko, V.T., Tyrnov, O.F., Fedorenko, V.N., Fedorenko, Yu.P., Tsymbal, A.M., Chernogor, L.F.	Space research in Kharkiv radiophysical observatory of V. N. Karazin National University (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292824, pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949092693&partnerID=40&md5=182ef7b77d5e3339e4c54fa2836a1c8d
	Garmash, K.P. , Kostrov, L.S., Rozumenko, V.T., Tsymbal, A.M., Tyrnov, O.F.	The facility for remote sensing of the near-earth space environment (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, статья № 4023555, pp. 954-955.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149089961&doi=10.1109%2FICRMITCO.2006.256274&partnerID=40&md5=b0e4eef44bb4dc9734475c439b1bbf
	Garmash, K.P. , Lazorenko, S.V., Pazyura, S.A., Chernogor, L.F.	Earth's magnetic field fluctuations during the severe 1999 geospace storm (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 228-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958529688&doi=10.1615%2FTelecomRadEng.v61.i3.40&partnerID=40&md5=4a25a1b3844b21ead00f088a611f5a3
	Garmash, K.P. , Leus, S.G., Pazura, S.A., Pokhil'ko, S.N., Chernogor, L.F.	Statistical characteristics of terrestrial electromagnetic field fluctuations (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 183-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958527574&doi=10.1615%2FTelecomRadEng.v61.i3.10&partnerID=40&md5=c62189e8c5f4e86317f73b7048be8d7

	Garmash, K.P.	Radiophysical investigations and modeling of ionospheric processes generated by sources of various nature. 1.Processes in a naturally disturbed ionosphere. Technical facilities (1999) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 53 (4-5), pp. 6-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844503264&partnerID=40&md5=55c8ebc8aef268036bb8bee4d21ea232
	Garmash, K.P.	Radiophysical investigations and modeling of ionospheric processes generated by sources of various nature 2. Processes in a modified ionosphere. Signal parameter variations. Disturbance simulation (1999) Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 53 (6), pp. 1-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844519960&partnerID=40&md5=ccc321f745a84d5110db87c2ae790dc
	Garmash, K.P. , Kostrov, L.S., Rozumenko, V.T., Tynov, O.F., Tsybal, A.M., Chernogor, L.F.	Global ionospheric disturbances caused by a rocket launch against a background of a magnetic storm (1999) <i>Geomagnetism and Aeronomy</i> , 39 (1), pp. 69-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644500240&partnerID=40&md5=7c6966d5e3808f36d1dabce0eadb3fc
	Garmash, Konstantin P.	Modeling studies of nonlinear interaction of non-stationary high-power electromagnetic waves with the ionospheric plasma (1998) <i>Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings</i> , 1, pp. 349-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230677&partnerID=40&md5=359cab4fac001e015c5b239eac5e6a
	Chernogor, L.F., Garmash, K.P. , Rozumenko, V.T.	Regularization algorithms for inverse problems in the radio wave probing of the ionospheric plasma (1998) <i>Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings</i> , 1, pp. 154-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032231042&partnerID=40&md5=9c5faa149f363c47355d44d88e7df73f
	Chernogor, Leonid F., Garmash, Konstantin P.	Phenomenon of arising stimulated localized and large-scale disturbances in the ionosphere under the influence of powerful MF and HF radio waves (1996) <i>IEEE Antennas and Propagation Society, AP-S International Symposium (Digest)</i> , 3, pp. 2240-2243.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029746138&partnerID=40&md5=8107c6c882a5e4ae247ee6bbf6a2fa0
	Chernogor, Leonid F., Garmash, Konstantin P. , Leus, Stanislav G., Pokhil'ko, Sergey N.	Investigations of variations in VLF, LF, MF, HF radio wave and noise characteristics due to disturbances in the ionosphere (1996) <i>IEEE Antennas and Propagation Society, AP-S International Symposium (Digest)</i> , 3, pp. 2244-2247.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029748254&partnerID=40&md5=97f0748c733de685ec121a83eae0e85
199	Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V.	Dielectric permittivity of erythrocyte suspensions at 9.2 GHz (2014) <i>CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i> , статья № 6959768, pp. 1077-1078.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915750386&doi=10.1109%2fICRMICO.2014.6959768&partnerID=40&md5=f390a62b537ecaba4e1d11fcd1a39b0
	Hackl, E.V., Berest, V.P., Gatash, S.V.	Interaction of polypeptide antibiotic gramicidin S with platelets (2012) <i>Journal of Peptide Science</i> , 18 (12), pp. 748-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869176038&doi=10.1002%2fjpsc.2461&partnerID=40&md5=892ffafdf1a8f4ea5437879a8e68b058
	Hackl, E.V., Berest, V.P., Gatash, S.V.	Effect of cholesterol content on gramicidin S-induced hemolysis of erythrocytes (2012) <i>International Journal of Peptide Research and Therapeutics</i> , 18 (2), pp. 163-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860837008&doi=10.1007%2fs10989-012-9289-9&partnerID=40&md5=53cd03aca7c7eca4232249c1031f19a9
	Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V.	Influence of γ -irradiation on thermal conformation transitions and hydration of fibrinogen (2006) <i>Biopolymers and Cell</i> , 22 (2), pp. 162-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890574725&doi=10.7124%2fbc.00072C&partnerID=40&md5=8c1895d369492aac9e58ff78ea83cef6
	Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V.	Conformation transitions of blood proteins under influence of physical factors on microwave dielectric method (2006) <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 102 (1), pp. 18-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646762874&doi=10.1016%2fj.jqsrt.2006.02.063&partnerID=40&md5=3083fee9be75a9ba61c70618535a86b1
	Hackl, E.V., Gatash, S.V. , Nikolov, O.T.	Using UHF-dielectrometry to study protein structural transitions (2005) <i>Journal of Biochemical and Biophysical Methods</i> , 63 (2), pp. 137-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19544365279&doi=10.1016%2fj.jbbm.2005.04.002&partnerID=40&md5=14d448ddd47709f4361235f98874701
	Gatash, S.V. , Styopin, L.D.	The dielectric permittivity of disordered dispersion systems with particles of different shapes and structures (2002) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 58 (7-8), pp. 150-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846506745&partnerID=40&md5=30470b6109e016fca3ea595d7589e927
	Berest, Vladimir P., Gatash, Sergiy V.	Conformational dynamic of fibrinogen by dielectric spectroscopy (1999) <i>Proceedings of SPIE - The International Society for Optical Engineering</i> , 4017, pp. 74-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033341221&partnerID=40&md5=e3c89e92aace618f82da353088e43eab
	Gatash, S.V. , Styopin, L.D.	Dielectric permittivity of heterogeneous disperse systems (1999) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 53 (7-8), pp. 200-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144442692&partnerID=40&md5=5300bdc4877e69f50287aa966f9641ed
	Tolstorukov, M.Ye., Gatash, S.V.	Self-organization and nonlinear dynamics of nucleic acid-water system (1999) <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 9 (2), pp. 371-381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039446336&partnerID=40&md5=a127db6d474174302f3c64bec7cf38e
	Tolstorukov, M.Ye., Gasan, A.I., Gatash, S.V. , Maleev, V.Ya.	The molecular mechanisms of the sorption hysteresis in the DNA-water system (1997) <i>Biophysika</i> , 42 (4), p. 854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347173717&partnerID=40&md5=7a5f75f0da40510f68ebd7373d6f86f5
	Gatash, S.V. , Lakin, K.M., Krylov Yu., F.	Kinetic analysis of induced platelet aggregation (1981) <i>Farmakologiya i Toksikologiya</i> , 44 (5), pp. 576-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243353308&partnerID=40&md5=3a347ee632f440bce71154d1a2758f78
	Lakin, K.M., Lebid, L.N., Gatash, S.V. , Krylov Yu., F.	Effect of amidine and guanidine derivatives on thrombocyte aggregation (1978) <i>Russian Pharmacology and Toxicology</i> , 41 (5), pp. 186-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018227133&partnerID=40&md5=7b9279105024f3c994873bc42976033
200	Gefter, S.L. , Goncharuk, A.B.	Fundamental Solution of an Implicit Linear Inhomogeneous First Order Differential Equation Over an Arbitrary Ring (2016) <i>Journal of Mathematical Sciences (United States)</i> , 219 (6), pp. 922-935.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994418189&doi=10.1007%2fs10958-016-3155-9&partnerID=40&md5=a3dba063b3fcd146d0a82a60a4c8f213
	Gefter, S.L. , Stulova, T.E.	Fundamental solution of the simplest implicit linear differential equation in a vector space (2015) <i>Journal of Mathematical Sciences (United States)</i> , 207 (2), pp. 166-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949625124&doi=10.1007%2fs10958-015-2363-z&partnerID=40&md5=a150985b22ca5f0d933855d8f9c41cdc
	Gefter, S. , Stulova, T.	On some vector differential operators of infinite order (2014) <i>Operator Theory: Advances and Applications</i> , 236, pp. 193-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958970170&partnerID=40&md5=4ae4a8a7afadcb2c05923e1f9c385f3e
	Gefter, S.L. , Stulova, T.E.	Vector differential-difference operators of infinite order in spaces of entire functions of exponential type (2014) <i>Journal of Mathematical Sciences (United States)</i> , 196 (4), pp. 515-523.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891521446&doi=10.1007%2fs10958-014-1672-y&partnerID=40&md5=35fce5cbe941fd58428e48ba11cd859f
	Gefter, S. , Stulova, T.	On Entire Solutions of Exponential Type for Some Implicit Linear Differential-Difference Equation in a Banach Space (2014) <i>Journal of Mathematical Sciences (United States)</i> , 202 (4), pp. 541-545.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922073541&doi=10.1007%2fs10958-014-2060-3&partnerID=40&md5=3666c273e08a35c2b4ab289b6513353
	Gefter, S. , Stulova, T.	On solutions of zero exponential type for some inhomogeneous differential-difference equations in a Banach space (2013) <i>Springer Proceedings in Mathematics and Statistics</i> , 54, pp. 253-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893254980&doi=10.1007%2f978-3-642-38830-9_15&partnerID=40&md5=f6ceed4d857c755616f4b29395d57121
	Gefter, S.L.	Fundamental groups of some ergodic equivalence relations of type Π_∞ (2003) <i>Qualitative Theory of Dynamical Systems</i> , 4 (1), pp. 115-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896874300&partnerID=40&md5=4a5975932df9d1ab20962028fc24e7d0
	Boyko, M.S., Gefter, S.L. , Kulagin, K.M.	On dense embeddings of discrete groups into locally compact groups (2003) <i>Qualitative Theory of Dynamical Systems</i> , 4 (1), pp. 31-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896822444&doi=10.1007%2fBF02972820&partnerID=40&md5=f536b883a189555bb4bf33cd19ab4f36

	Geftter, S.L., Kulagin, K.M.	On dense embeddings of discrete Abelian groups into locally compact groups (2002) Bulletin of the Belgian Mathematical Society - Simon Stevin, 9 (2), pp. 161-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038069099&partnerID=40&md5=8398a75d77c7b192c8feb0f00629d66b
	Geftter, S.L.	Outer automorphism group of the ergodic equivalence relation generated by translations of dense subgroup of compact group on its homogeneous space (1996) Publications of the Research Institute for Mathematical Sciences, 32 (3), pp. 517-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2144456567&partnerID=40&md5=0a1ab97d76b730ad5eeefe71dc8b6705
	Geftter, S.L., Golodets, B.Ya., Nessonov, N.I.	Countable T-groups and von Neumann algebras (1990) Journal of Soviet Mathematics, 48 (4), pp. 367-376.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249963309&doi=10.1007%2FbF01097567&partnerID=40&md5=324783354fd7084e9e76d630f076676c
	Geftter, S.L., Golodets, V.Y.	Fundamental Groups for Ergodic Actions and Actions with Unit Fundamental Groups (1988) Publications of the Research Institute for Mathematical Sciences, 24 (6), pp. 821-847.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007969081&doi=10.2977%2Fprins%2f1195173929&partnerID=40&md5=66739e53ff797bf3aa9c877c258ebc7a
	Geftter, S.L., Golodets, V.Ya., Nessonov, N.I.	Action of T-groups on von Neumann algebras and factors with countable fundamental groups (1985) Functional Analysis and Its Applications, 19 (1), pp. 52-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250128427&doi=10.1007%2FbF01086027&partnerID=40&md5=7bd230d9080da90f07fa8ad6f19871a8
201	Gorbach, I.V., Gorobets, N.N.	Resonant frequency thermostabilisation of microstrip radiators (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (16), pp. 1429-1438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83655182796&doi=10.1615%2FTelecomRadEng.v70.i16.20&partnerID=40&md5=da59405cbe3214b9ab257bb593c90962
	Gorbach, I.V.	To question about concordance in antenna fiber highway of the earthly satellite stations (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069050, pp. 547-548.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455139472&partnerID=40&md5=0f10e025d2123a7493673cfad855f889
	Gorbach, I.V., Duma, M.G., Gorbach, R.I.	Features of architecture of telecommunication network of digital teleradiobroadcasting four digital packages of teleprogram (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068983, pp. 400-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142579&partnerID=40&md5=fc657231e6650c70cca3796de585db99
	Gorbach, I.V.	On a method of resonance microstrip antenna thermostabilization (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632470, pp. 581-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650336928&partnerID=40&md5=c24ac976d8644d889238a8660a74fcab
	Gorbach, I.V., Duma, M.G., Gorbach, R.I.	Satellite component in technology of construction of telecommunication network of digital teleradiobroadcasting (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632701, pp. 421-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650403116&partnerID=40&md5=1418120913c9ccc19838156ffa09983f
	Gorbach, I.V.	Analysis of technological errors at production of rectangular resonance microstrip antenna (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5293026, pp. 458-459.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949160164&partnerID=40&md5=6336aec379aae9b530744258c16a4e5
	Gorobets, N.N., Dakhov, V.M., Gorbach, I.V.	Directivity and polarization characteristics of an open end of the round waveguide with the impedance flange (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1811-1819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849094671&doi=10.1615%2FTelecomRadEng.v68.i20.30&partnerID=40&md5=5e78510bb89887c85c6da92057c3038
	Gorbach, I.V., Duma, M.G., Gorbach, R.I.	Statistical analysis of resonance frequency error in rectangular microstrip emitter (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5293044, pp. 421-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949086536&partnerID=40&md5=e126aec626416f3528e56c81ddd3b3aa
	Gorbach, I.V., Duma, M.G.	Information safety in telecommunication networks of thenational satellite communication system (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676390, pp. 303-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049173712&doi=10.1109%2FCRMICO.2008.4676390&partnerID=40&md5=eb7a65ef780c9cad136a9370f8f5f18
	Gorbach, I.V., Gorbach, R.I., Duma, M.G.	Earth segment of National Satellite Communication System providing operation of Ukrainian telecommunication network for digital TV and radiobroadcasting (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, статья № 4368726, pp. 305-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149094055&doi=10.1109%2FCRMICO.2007.4368726&partnerID=40&md5=19755344c829cb6c02e71d36d5a924fe
	Gorbach, I.V., Duma, M.G.	Features of information safety maintenance in communications systems (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, статья № 1256083, pp. 230-231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966292317&doi=10.1109%2FCRMICO.2000.1256083&partnerID=40&md5=cbb72b1079e8104bb4f33c397b62fe5b
	Bezrukov, S.A., Gorbach, I.V., Gor'ev, S.A., Gor'ev, G.S., Popov, S.A., Pyatkov, V.P.	Video channel testing in digital satellite network for TV program distribution (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, статья № 1255851, pp. 59-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966292108&doi=10.1109%2FCRMICO.2000.1255851&partnerID=40&md5=e7ae206a10d1b49514c1cfb508d9539
	Gorobets, N.N., Gorbach, I.V., Vyaz'mitina, S.S.	Computer analysis of sectionalized mirror antennas for the ground-based systems of satellite signal reception (1996) Izvestiya VUZ: Radioelektronika, 39 (9), pp. 3-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030230178&partnerID=40&md5=9595da972ca2eda165922864c2b23869
202	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S.	Formation and ageing of the fullerene C60 colloids in polar organic solvents (2017) Journal of Molecular Liquids, 235, pp. 98-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018794120&doi=10.1016%2Fj.molliq.2016.10.113&partnerID=40&md5=79672bc993f98f999f6ee11b20cedd2
	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I.	Interaction of C60 aggregates with electrolytes in acetonitrile (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 516, pp. 345-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008195329&doi=10.1016%2Fj.colsurfa.2016.12.035&partnerID=40&md5=edc5e5b009f05860b363d1e852933bad
	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Shekhovtsov, S.V.	The peculiar behavior of fullerene C60 in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems (2016) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 509, pp. 631-637.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&doi=10.1016%2Fj.colsurfa.2016.09.045&partnerID=40&md5=bcf1353172f9b66bf519b30855bf04cf
	Kharchenko, A.Y., Kamneva, N.N., Mchedlov-Petrosyan, N.O.	The properties and composition of the SDS - 1-butanol mixed micelles as determined via acid-base indicators (2016) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 507, pp. 243-254.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981516880&doi=10.1016%2Fj.colsurfa.2016.08.004&partnerID=40&md5=b0396505e2ca482c5f6267d651c68f53
	Mchedlov-Petrosyan, N.O., Al-Shuuchi, Y.T.M., Kamneva, N.N., Marynin, A.I., Klovchov, V.K.	Interactions of Nanosized Aggregates of Fullerene C60 with Electrolytes in Methanol: Coagulation and Overcharging of Particles (2016) Langmuir, 32 (39), pp. 10065-10072.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990046294&doi=10.1021%2Facs.langmuir.6b02533&partnerID=40&md5=34abb6df0d48cb91177898a78bf5ce27
	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., O.S., Kryshtal, A.P., Klovchov, V.K., Shekhovtsov, S.V.	Towards better understanding of C60 organosols (2016) Physical Chemistry Chemical Physics, 18 (4), pp. 2517-2526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&doi=10.1039%2Fc5cp06806a&partnerID=40&md5=d94af8762e2d217a8bead445f414866
	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Kharchenko, A., Shekhovtsov, S.V., Marinin, A.I., Kryshtal, A.P.	The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes (2015) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 476, pp. 57-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&doi=10.1016%2Fj.colsurfa.2015.03.001&partnerID=40&md5=746227da0c0396e8a8d2240f61638de

	Mchedlov-Petrosyan, N.O., Kamneva, N.N. , Marynin, A.I., Kryshat, A.P., Osawa, E.	Colloidal properties and behaviors of 3 nm primary particles of detonation nanodiamonds in aqueous media (2015) Physical Chemistry Chemical Physics, 17 (24), pp. 16186-16203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935910778&doi=10.1039%2fc5cp01405k&partnerID=40&md5=7eece8124d756cd5eb37d4d61d9d23383
	McHedlov-Petrosyan, N.O., Kamneva, N.N. , Osawa, E., Marynin, A.I., Goga, S.T., Tkachenko, V.V., Kryshat, A.P.	Colloidal solution of 3 nm bucky diamond: Primary particles of detonation nanodiamond (2015) Springer Proceedings in Physics, 171, pp. 199-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950299082&doi=10.1007%2f978-3-319-20875-6_8&partnerID=40&md5=02eac8db9fcb297f7fb8197383e1d539
	McHedlov-Petrosyan, N.O., Kamneva, N.N. , Kryshat, A.P., Marynin, A.I., Zakharevich, V.B., Tkachenko, V.V.	The properties of 3 nm-sized detonation diamond from the point of view of colloid science (2015) Ukrainian Journal of Physics, 60 (9), pp. 932-937.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941095892&doi=10.15407%2fujpe60.09.0932&partnerID=40&md5=30e4886f535bd0be71d0c5d64094699b
	Kamneva, N.N. , Kharchenko, A.Y., Bykova, O.S., Sundenko, A.V., Mchedlov-Petrosyan, N.O.	The influence of 1-butanol and electrolytic background on the properties of CTAB micelles as examined using a set of indicator dyes (2014) Journal of Molecular Liquids, 199, pp. 376-384.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907529221&doi=10.1016%2fj.molliq.2014.09.022&partnerID=40&md5=b319032b87f82384a48b91e34ff63bbb
	Sofronov, D.S., Kamneva, N.N. , Katrunov, O.S., Bulgakova, A.V., Baumer, V.N., Vovk, O.M., Chebanov, V.A.	Effect of precipitation conditions on the particle size and optical properties of ZnS (2014) Inorganic Materials, 50 (7), pp. 651-655.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903182599&doi=10.1134%2fIS002168514071040&partnerID=40&md5=4dc074cc12dd8755b8cd75e5b6a52bcc
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Kamneva, N.N.	Acid-Base equilibrium in aqueous micellar solutions of surfactants (2013) Micelles: Structural Biochemistry, Formation and Functions and Usage, pp. 1-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&partnerID=40&md5=d114310038b388cb4b8baf6324db883b
203	Katrich, V.A., Lyashchenko, V.A. , Medvedev, N.V.	Coaxial-slot antenna array with different lengths of radiators (2016) 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, статья № 7739607, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007299001&doi=10.1109%2fUkrMiCo.2016.7739607&partnerID=40&md5=c9a8be7a16544e9193f618857ec1a568
	Katrich, V.A., Lyashchenko, V.A. , Medvedev, N.V.	Electrodynamic characteristics of multielement coaxial-slot antenna (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724194, pp. 221-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000866281&doi=10.1109%2fUWBUSIS.2016.7724194&partnerID=40&md5=8425018562f911d7f041e4e06d0610d5
	Katrich, V.A., Lyashchenko, V.A. , Medvedev, N.V.	Energy characteristics of the slot system in the screen of coaxial line with controlled termination (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136834, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939441396&doi=10.1109%2fICATT.2015.7136834&partnerID=40&md5=3f1a91c2dc795363227cbb53c6ff725a
	Katrich, V.A., Lyashchenko, V.A. , Medvedev, N.V.	The frequency-energy and spatial characteristics of the coaxial-slot array (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650707, pp. 148-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898609674&doi=10.1109%2fICATT.2013.6650707&partnerID=40&md5=602d218df680090e1263b2dc7053aab
	Katrich, V.A., Lyashchenko, V.A. , Medvedev, N.V.	Radiation from the transverse slot cut in a coaxial line in the lossy material medium (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379738, pp. 78-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872243029&doi=10.1109%2fUWBUSIS.2012.6379738&partnerID=40&md5=5c2c9af71568b4d96b106eac5a511263
	Katrich, V.A., Lyashchenko, V.A. , Medvedev, N.V.	Slot radiator in the semi-infinite coaxial line (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336068, pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869749865&partnerID=40&md5=a47ec70dc891a2237fad276df75dc0d2
	Katrich, V.A., Lyashchenko, V.A. , Medvedev, N.V.	Multielement systems of coaxial-slot radiators (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069049, pp. 545-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142489&partnerID=40&md5=00c39ab290659c95428bf24d16799138
	Berdnik, S.L., Gorobets, N.N., Katrich, V.A., Lyashchenko, V.A.	Matching of large-size waveguide radiator with a dielectric (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1795-1809.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849105583&doi=10.1615%2fTelecomRadEng.v68.i20.20&partnerID=40&md5=c4adbf578610efedaebaf6804ec
	Bulgakov, A.A., Gorobets, N.N., Lyashchenko, V.A.	An analysis of the matching and directional characteristics of waveguide and horn radiators (2001) Radiotekhnika i Elektronika, 46 (8), pp. 961-965.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035774228&partnerID=40&md5=f46a3c9ec1fc944532a9ef63d71b921a
	Bulgakov, A.A., Gorobets, N.N., Lyashchenko, V.A.	An Analysis of the Matching and Directional Characteristics of Waveguide and Horn Radiators (2001) Journal of Communications Technology and Electronics, 46 (8), pp. 886-890.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043235828&partnerID=40&md5=7026dc84df79c1c5dc56d7d953620d1
	Lyashchenko, V.A.	RADIATION FROM A LONGITUDINAL SLOT IN THE WALL OF A MULTIMODE WAVEGUIDE. (1987) Soviet journal of communications technology & electronics, 32 (5), pp. 169-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023343377&partnerID=40&md5=7110fe5d10e47ae3ded809fd7b560d31
	Gorobets, N.N., Lyashchenko, V.A.	RADIATION CHARACTERISTICS OF LONGITUDINAL SLOT RADIATORS. (1982) Radio Engineering and Electronic Physics (English translation of Radiotekhnika i Elektronika), 27 (10), pp. 146-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020191579&partnerID=40&md5=51673def6e2ff8d15ec21a567ecda705
	Bulgakov, A.A., Lyashchenko, V.A.	RADIATION FROM A NARROW LONGITUDINAL SLOT IN A RECTANGULAR WAVEGUIDE. (1976) Radio Eng Electron Phys, 21 (9), pp. 117-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016998474&partnerID=40&md5=7aa53a1e9dc525952acc405e18a03bb5
204	Matsokin, V.P., Milyi, M.V., Pakhomova, I.N., Matsokin, D.V.	Anisotropy of transient high-temperature bending creep of single crystals (2010) Powder Metallurgy and Metal Ceramics, 49 (3-4), pp. 159-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956619608&doi=10.1007%2fs11106-010-9216-6&partnerID=40&md5=a4d45f548f049721fabee9144ccf0c3c
	Matsokin, D.V. , Pakhomova, I.N., Matsokin, V.P.	Accumulation and relaxation of internal stresses in single crystals during high-temperature creep with hindered dislocation slip (2008) Powder Metallurgy and Metal Ceramics, 47 (11-12), pp. 646-651.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63349083559&doi=10.1007%2fs11106-009-9073-3&partnerID=40&md5=9fc8a7273d8988fd89f340f199b79f43
	Kosevich, A.M., Matsokin, D.V. , Savotchenko, S.E.	Density of quasilocalized states along the resonance curves in continuum (2001) JETP Letters, 73 (11), pp. 600-603.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040154163&doi=10.1134%2f1.1392420&partnerID=40&md5=9fdbbc5ddb72a6d96d381236b8f65cca
	Kosevich, A.M., Matsokin, D.V.	Waveguiding properties of two parallel defects under conditions of two-channel scattering (2000) Low Temperature Physics, 26 (6), pp. 449-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751402464&partnerID=40&md5=b277c73e5fd39c4e2088e378af3b1e2a
	Kosevich, A.M., Matsokin, D.V.	Waveguide properties of two parallel defects at twochannel scattering conditions (2000) Fizika Nizkikh Temperatur (Kharkov), 26 (6), p. 619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039175780&partnerID=40&md5=0d4d5d45f1755cad6a1ebc0254219f19
	Kosevich, A.M., Savotchenko, S.E., Matsokin, D.V.	Peculiarities of the resonant phonon scattering from a plane defect in an fcc crystal (1999) Low Temperature Physics, 25 (1), pp. 48-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544462340&doi=10.1063%2f1.593706&partnerID=40&md5=88b00eb09538b9fc233c553d115566c5
	Kosevich, A.M., Matsokin, D.V. , Savotchenko, S.E.	The peculiarities of the resonance phonon scattering from a plane defect in FCC crystal (1999) Fizika Nizkikh Temperatur (Kharkov), 25 (1), pp. 63-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001729764&partnerID=40&md5=4fe7c2eaf32af5874e87d2b16e7868d1
	Kosevich, A., Matsokin, D. , Savotchenko, S.	Localized waves and peculiarities of acoustic phonon scattering from a plane defect in FCC crystal (1999) Physica B: Condensed Matter, 263-264, pp. 114-117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-003268975&doi=10.1016%2fS0921-4526%2898%2901308-8&partnerID=40&md5=1f4c5dd93d0e6210fd6d818781ff23358
	Kosevich, A., Matsokin, D. , Savotchenko, S., Semagin, D., Tutov, A.	Peculiarities of acoustic phonon scattering from a planar crystal defect and pseudosurface phonons (Resonant scattering of transverse phonons from a thin defect layer) (1999) Physica B: Condensed Matter, 263-264, pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032665540&doi=10.1016%2fS0921-4526%2898%2901203-4&partnerID=40&md5=76f2d4e7e882edc5410ea82e2c3c1f59
	Kosevich, A.M., Matsokin, D.V. , Savotchenko, S.E.	The surface and quasisurface phonons and transformation waves in hexagonal crystal (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (10), pp. 1001-1002.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032183961&partnerID=40&md5=12085a0e9e7e3c83d4cc7724c1b5eb62
	Kosevich, A.M., Savotchenko, S.E., Matsokin, D.V.	Surface and quasi-surface phonons and transformation waves in a hexagonal crystal (1998) Low Temperature Physics, 24 (10), pp. 748-756.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001706135&partnerID=40&md5=92dd2294e118c39e77359fa249ff7060

	Kosevich, A.M., Matsokin, D.V. , Savotchenko, S.E.	Rayleigh oscillations localized near free surface of a fcc crystal (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (1), p. 96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5344230060&partnerID=40&md5=9fd62b10ca156e366ac266a9205d0bcb
	Kosevich, A.M., Matsokin, D.V. , Savotchenko, S.E.	Rayleigh-type vibrations localized at the free surface of a fcc crystal (1997) Low Temperature Physics, 23 (1), pp. 69-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750117408&partnerID=40&md5=4e4a23d73cac95d35aedb6a6dcbb0b48
205	Titov, V.P., Lebed, E.N., Naboka, A.M.	Perception of electromagnetic waves visible to the human eye (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 7851401, pp. 129-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015332512&doi=10.1109%2FCAOL.2016.7851401&partnerID=40&md5=daf7d6510607378d6af8694feafcb51b
	Dryakhlov, P.O., Zagvozdin, B.V., Magda, I.I., Naboka, A.M. , Slabospitskiy, A.N., Soshenko, V.A.	Experimental study of controlled gas discharge (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6653115, pp. 898-899.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891048746&partnerID=40&md5=8610c8958ac74c198a3d91daf7be0ff0
	Galaydych, K.V., Kiselev, V.A., Markov, P.I., Naboka, A.M. , Onishchenko, I.N., Sotnikov, G.V.	Rectangular dielectric structures for the wakefield acceleration experiments in KIPT (2013) Problems of Atomic Science and Technology, 88 (6), pp. 35-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891619092&partnerID=40&md5=580d436b5fafb753ec39bd1090f53e75
	Galchenko, D.A., Zagvozdin, B.V., Korenev, V.G., Magda, I.I., Naboka, A.M. , Slabospitskiy, A.S., Soshenko, V.A.	Compact high-voltage source for pulse periodic range accelerator (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069176, pp. 844-845.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455132239&partnerID=40&md5=9d59e042c6cf1e89ec0863a09b874957
	Berdin, S.A., Karelin, S.Yu., Korenev, V.G., Mukhin, V.S., Magda, I.I., Naboka, A.M. , Soshenko, V.A.	Measurement of electromagnetic fields of sub-nanosecond impulses in coaxial waveguides (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632409, pp. 991-992.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650363932&partnerID=40&md5=c514382e3b6d3f210c94f9648acaf93d
	Berdin, S.A., Karelin, S.Yu., Korenev, V.G., Mukhin, V.S., Magda, I.I., Naboka, A.M. , Soshenko, V.A.	Characteristics of application of impulse reflectometry in investigation of ultra-wideband circuits (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632411, pp. 981-983.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650406006&partnerID=40&md5=cc0e56c1b5c35ec882acaf1a92431440
	Berdin, S.A., Karelin, S.Yu., Korenev, V.G., Magda, I.I., Mukhin, V.S., Naboka, A.M. , Soshenko, V.A.	Impulse sub-nanosecond reflectometry (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609118, pp. 270-272.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650146846&doi=10.1109%2FUWBUSIS.2010.5609118&partnerID=40&md5=a4eec1fe40c0b0199792b88f64d87da10
	Sotnikov, G.V., Galaydych, K.V., Naboka, A.M.	Nonlinear theory of wakefield excitation in a rectangular multizone dielectric resonator (2010) IPAC 2010 - 1st International Particle Accelerator Conference, pp. 4422-4424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886898297&partnerID=40&md5=f2b1b69bbaa1bd8452c090b2b9ea679a
	Berdin, S.A., Zagvozdin, B.V., Karelin, S.Yu., Mukhin, V.S., Magda, I.I., Naboka, A.M. , Soshenko, V.A.	Pulse power sources for subrelativistic magnetron (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292951, pp. 679-681.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949095992&partnerID=40&md5=3a8e40a7c6c8b74d108abe886720b341
	Titov, V.P., Shpachenko, O.V., Naboka, A.M.	A new approach to polarization hologram registration (2007) OPT 2007 - International Workshop Optoelectronic Physics and Technology, статья № 4298546, pp. 72-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46749119495&doi=10.1109%2FOPT.2007.4298546&partnerID=40&md5=27f2121a7025b07f43dca4ccf45332c1
	Naboka, A.M. , Rozdestvenskiy, V.A., Chervinskiy, V.P., Novikov, V.E., Lytvynenko, V.V., Klepikov, V.F.	Removal and prevention conception on the base of electromagnetic pulse interference on paraffin molecules for asphalt-paraffin sediment (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, статья № 1256672, pp. 697-699.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945143925&doi=10.1109%2FCRMICO.2003.158986&partnerID=40&md5=4a67384d7a1b0c7e28a18e764f0e76e
	Karas, V.I., Kiyashko, V.A., Kornilov, E.A., Mukhin, V.V., Naboka, A.M. , Fainberg, Y.B., Shulika, O.N.	Theoretical and experimental studies on high-current ion beam acceleration and compensation in an induction linac for inertial confinement fusion (1990) 1990 8th International Conference on High-Power Particle Beams, BEAMS 1990, статья № 6396342, pp. 671-676.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874043786&partnerID=40&md5=f54c37a3fb3b38ca292359477cf744a
	Karas, V.I., Mukhin, V.V., Naboka, A.M.	Ion beam space-charge neutralization and acceleration in structures with magnetic insulation (1989) Nuclear Inst. and Methods in Physics Research, A, 278 (1), pp. 247-248.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024666325&doi=10.1016%2F0168-9002%2889%2991175-3&partnerID=40&md5=56792f6e22516eeec3a431a701fb79a2
206	Beletskiy, N.I., Mustetsov, N.P., Pavlenko, D.V. , Polyanskiy, N.E.	Detectors with Schottky barrier on the basis of A2B6 semiconductors (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069109, pp. 689-690.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143391&partnerID=40&md5=3bb6c17c8896726c1b8c4a47e98489b1
	Beletsky, N.I., Pavlenko, D.V. , Khoruzhna, A.V.	Method of the biomedical electrode equivalent parameters' measurement (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068800, pp. 1005-1006.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455139823&partnerID=40&md5=6324925a59ba39cd808a75e7faf0e67
	Botsula, O.V., Pavlenko, D.V. , Prokhorov, E.D.	Harmonic generation and frequency multiplication caused by the impact ionization in GaN-diodes (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (15), pp. 1391-1400.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650778276&doi=10.1615%2FTelecomRadEng.v69.i15.60&partnerID=40&md5=e0032bec85671119f046c1b74a62ab0
	Pavlenko, D.V. , Prokhorov, E.D., Beletsky, N.I.	Efficient simulation of numerical models for semiconductor devices (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5293219, pp. 111-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949087551&partnerID=40&md5=05d6153ae36964a251a1a0a1dfc7ece6
	Botsula, O.V., Pavlenko, D.V. , Prokhorov, E.D., Vilnitskiy, S.S.	Harmonic generation in transfer electron GaN diodes with impact ionization (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676309, pp. 109-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049187082&doi=10.1109%2FCRMICO.2008.4676309&partnerID=40&md5=6339c615341a1e53392d3ac702785979
	Pavlenko, D.V. , Prokhorov, E.D.	Influence of impact ionization on operation efficiency of InN, GaN, AlN LSA-diodes (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, статья № 4294756, pp. 623-625.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249083883&doi=10.1109%2FMSMW.2007.4294756&partnerID=40&md5=035f2b337ed1ad9d2604d49d1efb19bc
	Pavlenko, D.V. , Prokhorov, E.D.	Width of current-voltage characteristics of AlxGa1-xN Gunn diodes (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (13), pp. 1197-1204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149128045&doi=10.1615%2FTelecomRadEng.v66.i13.60&partnerID=40&md5=ea5cce664a5bcb7ac6520d112a8f8e28
	Pavlenko, D.V. , Prokhorov, E.D.	Application of multilevel adaptation technique for numerical modeling of Gunn diodes (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, статья № 4368647, pp. 109-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149111567&doi=10.1109%2FCRMICO.2007.4368647&partnerID=40&md5=3b75b413aa3b538912a416b206935216
	Prokhorov, E.D., Pavlenko, D.V.	Simulation of broadband microwave oscillations in the Gunn diode sources involving impact ionization (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, статья № 1689781, pp. 324-326.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547237900&partnerID=40&md5=cd24b0cc9c95d25a5e8732b21df249be
	Pavlenko, D.V. , Prokhorov, E.D.	Width of current-voltage characteristics of InxGa1-xN Gunn diodes (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (17), pp. 1629-1641.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347351409&doi=10.1615%2FTelecomRadEng.v65.i17.80&partnerID=40&md5=cda322e3b156e6abb191d64fd683618

	Prokhorov, E.D., Pavlenko, D.V.	Modeling of the semiconductor devices with the IET and involving the impact ionization (2005) Proceedings of LFNM 2005: 7th International Conference on Laser and Fiber-Optical Networks Modeling, 2005, статья № 1553251, pp. 297-300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845496749&doi=10.1109%2Flnfm.2005.1553251&partnerID=40&md5=068b65cb616a9a1704d0f27bb2f03c1
	Prokhorov, E.D., Pavlenko, D.V.	Two-dimensional simulation of devices with IET and allowing impact ionization (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 2, статья № 1565001, pp. 482-483.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846308161&doi=10.1109%2FCRMICO.2005.1565001&partnerID=40&md5=669c70489e5b59ba754cc82ea8cbe7a
	Pavlenko, D.V. , Prokhorov, E.D.	The two-dimensional model of Gunn diode involving impact ionization (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 540-542.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544302708&partnerID=40&md5=54d3d5659e881f7c4839ecb18bdb3aeb
207	Konovalova, O.Y., Reshetnyak, E.A. , Pochinok, T.B., Anisimovich, P.V., Nikitina, N.A., Ivchenko, N.V.	Solvatochromic and protolytic properties of the indicators in the solidified gelatin gel medium (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 529, pp. 26-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019718514&doi=10.1016%2Fj.colsurfa.2017.05.035&partnerID=40&md5=9b1047963861c10287c167a08884125d
	Snizhko, D.V., Sushko, O.A., Reshetnyak, E.A. , Shtofel, D.H., Zyska, T., Smolarz, A., Mussabekov, N., Kalizhanova, A.	Colorimeter based on color sensor [Kolorymetr zbudowany z wykorzystaniem czujnika koloru] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 96-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019014611&doi=10.1134%2F15061933X16050124&partnerID=40&md5=bb68ad18201b93f83d50da3b48f7deb5
	Reshetnyak, E.A. , Chernyshova, O.S., Mchedlov-Petrosyan, N.O.	Premicellar aggregation in water-salt solutions of sodium alkyl sulfonates and dodecyl sulfate (2016) Colloid Journal, 78 (5), pp. 647-651.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988735789&doi=10.1134%2F15061933X16050124&partnerID=40&md5=fcf923a789bcb4be28a5d082c562d95a
	Reshetnyak, E.A. , Chernysheva, O.S., Nikitina, N.A., Loginova, L.P., Mchedlov-Petrosyan, N.O.	Activity coefficients of alkyl sulfate and alkylsulfonate ions in aqueous and water-salt premicellar solutions (2014) Colloid Journal, 76 (3), pp. 358-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903137629&doi=10.1134%2F15061933X14030132&partnerID=40&md5=0506784f4bad97c5c9a1fcdcb36aa0d
	Reshetnyak, E.A. , Ivchenko, N.V., Nikitina, N.A.	Photometric determination of aqueous cobalt (II), nickel (II), copper (II) and iron (III) with 1-nitroso-2-naphthol-3,6-disulfonic acid disodium salt in gelatin films (2012) Central European Journal of Chemistry, 10 (5), pp. 1617-1623.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867060343&doi=10.2478%2Fs11532-012-0081-7&partnerID=40&md5=747c6d1030316390f47d7aeccdf954b
	Nikitina, N., Reshetnyak, E. , Shevchenko, V., Zhitnyakovskaya, Y.	Application of colorimetry as an analytical tool (2011) Studia Universitatis Babes-Bolyai Chemia, (4), pp. 265-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859348786&partnerID=40&md5=a5d912c3a5a2aad96d2ff84158258f6
	Nikitina, N.A., Reshetnyak, E.A. , Svetlova, N.V., Mchedlov-Petrosyan, N.O.	Protolytic properties of dyes embedded in gelatin films (2011) Journal of the Brazilian Chemical Society, 22 (5), pp. 857-866.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955160953&doi=10.1590%2F150103-50532011000500007&partnerID=40&md5=35ea317484ea4727310be7720fb795c3
	Ostrovskaya, V.M., Tsygankov, A.V., Prokopenko, O.A., Buryak, A.K., Reshetnyak, E.A. , Nikitina, N.A.	Determination of nitrite ions using test strips based on 3-hydroxy-7,8-benzo-1,2,3,4-tetrahydroquinoline (2008) Journal of Analytical Chemistry, 63 (8), pp. 792-798.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47849132637&doi=10.1134%2F15061934808080145&partnerID=40&md5=bb58628ba2fb8f16b8cea10a036c6bf
	Ostrovskaya, V.M., Tsygankov, A.V., Nefedov, S.E., Prokopenko, O.A., Reshetnyak, E.A.	Synthesis and structures of 3-hydroxy-6-(R-phenylazo)-7,8-benzo-1,2,3,4-tetrahydroquinolines as products of analytical test reactions for nitrite and nitrate anions (2006) Russian Chemical Bulletin, 55 (6), pp. 1066-1070.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750693047&doi=10.1007%2Fs11172-006-0378-9&partnerID=40&md5=b07b8d4f474f139c164a40ad6f8e6c0
	Reshetnyak, E.A. , Nikitina, N.A., Loginova, L.P., Ostrovskaya, V.M.	Limit of detection in test methods of analysis with visual indication: Affecting factors (2005) Journal of Analytical Chemistry, 60 (10), pp. 982-989.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844481887&doi=10.1007%2Fs10809-005-0221-8&partnerID=40&md5=31976c3bf743454c80d7e83aadd60a52
	Ostrovskaya, V.M., Reshetnyak, E.A. , Nikitina, N.A., Panteleimonov, A.V., Kholin, Yu.V.	A test method for determining total metals with an indicator paper and its performance characteristics (2004) Journal of Analytical Chemistry, 59 (10), pp. 995-1001.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5444256676&doi=10.1023%2FB3aJANC.0000043919.39809.23&partnerID=40&md5=a2b102b4b482c3f7f380028a3b5e14b
	Ostrovskaya, V.M., Reshetnyak, E.A. , Nikitina, N.A., Panteleimonov, A.V., Kholin, Yu.V.	A test method for determining total metals with an indicator paper and its performance characteristics (2004) Zhurnal Analiticheskoy Khimii, 59 (10), pp. 1101-1108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5644238537&partnerID=40&md5=5e13d0162205da1a105066f29615059e
	Reshetnyak, E.A. , Kholin, Yu.V.	Reliable estimation of the limit of detection in test methods with visual indication (2003) Zhurnal Analiticheskoy Khimii, 58 (7), pp. 741-742.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142136147&partnerID=40&md5=6ba38cdad61b267cacaf519fa99bbcf
208	Dufresnes, C., Litvinchuk, S.N., Leuenberger, J., Ghali, K., Zinenko, O. , Stöck, M., Perrin, N.	Evolutionary melting pots: a biodiversity hotspot shaped by ring diversifications around the Black Sea in the Eastern tree frog (<i>Hyla orientalis</i>) (2016) Molecular Ecology, 25 (17), pp. 4285-4300.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986581385&doi=10.1111%2Fmec.13706&partnerID=40&md5=cd97a14580386665be9e03e4a2be274f
	Zinenko, O. , Sovic, M., Joger, U., Gibbs, H.L.	Hybrid origin of European Vipers (<i>Vipera magnifica</i> and <i>Vipera orlovi</i>) from the Caucasus determined using genomic scale DNA markers (2016) BMC Evolutionary Biology, 16 (1), статья № 76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964034516&doi=10.1186%2F12862-016-0647-7&partnerID=40&md5=0173922d4cbcd18d602446ce96c449d0
	Bondarenko, Z.S., Zinenko, O.I.	Individual growth rates of Nikolsky's Viper, <i>Vipera berus nikolskii</i> (Squamata, Viperidae) (2016) Vestnik Zoologii, 50 (1), pp. 65-70.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964647507&doi=10.1515%2Fvzoo-2016-0008&partnerID=40&md5=00aab341d9847fbc4fadcbed788a0d5
	Dufresnes, C., Litvinchuk, S.N., Leuenberger, J., Ghali, K., Zinenko, O. , Stöck, M., Perrin, N.	Evolutionary melting pots: A biodiversity hotspot shaped by ring diversifications around the Black Sea in the Eastern tree frog (<i>Hyla orientalis</i>) (2016) Molecular Ecology, Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978175042&doi=10.1111%2Fmec.13706&partnerID=40&md5=6486ea83e05ef74e7684b3220347bcb6
	Zinenko, O. , Stümpel, N., Mazanaeva, L., Bakiev, A., Shiryayev, K., Pavlov, A., Kotenko, T., Kukushkin, O., Chikin, Y., Duisebayeva, T., Nilson, G., Orlov, N.L., Tuniyev, S., Ananjeva, N.B., Murphy, R.W., Joger, U.	Mitochondrial phylogeny shows multiple independent ecological transitions and northern dispersion despite of Pleistocene glaciations in meadow and steppe vipers (<i>Vipera ursinii</i> and <i>Vipera renardi</i>) (2015) Molecular Phylogenetics and Evolution, 84, pp. 85-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921268496&doi=10.1016%2Fj.ympev.2014.12.005&partnerID=40&md5=b5dfc994575978927309b893c6a550a
	Roitberg, E.S., Eplanova, G.V., Kotenko, T.I., Amat, F., Carretero, M.A., Kuranova, V.N., Bulakhova, N.A., Zinenko, O.I. , Yakovlev, V.A.	Geographic variation of life-history traits in the sand lizard, <i>Lacerta agilis</i> : Testing Darwin's fecundity-advantage hypothesis (2015) Journal of Evolutionary Biology, 28 (3), pp. 613-629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926262466&doi=10.1111%2Fjeb.12594&partnerID=40&md5=9a0f8cfb78f432820915d5bb4fd5e8c8
	Roitberg, E.S., Kuranova, V.N., Bulakhova, N.A., Orlova, V.F., Eplanova, G.V., Zinenko, O.I. , Shamgunova, R.R., Hofmann, S., Yakovlev, V.A.	Variation of Reproductive Traits and Female Body Size in the Most Widely-Ranging Terrestrial Reptile: Testing the Effects of Reproductive Mode, Lineage, and Climate (2013) Evolutionary Biology, 40 (3), pp. 420-438.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881367697&doi=10.1007%2Fs11692-013-9247-2&partnerID=40&md5=b1752f88cee42ef8cbcbf7e525453d6
	Kukushkin, O., Iskenderov, T., Axmedov, S., Bunyatova, S., Zinenko, O.	Additions to the distribution of <i>Vipera eriwanensis</i> (Serpentes: Viperidae) in Transcaucasia, with comments on the identity of vipers in northeastern Azerbaijan (2012) Herpetology Notes, 5, pp. 423-427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876336842&partnerID=40&md5=6c7853cf43e8119656a325b3dbee5cb3
	Marosi, B., Zinenko, O.I. , Ghira, I.V., Crnobrnja-Isailović, J., Lymberakis, P., Sos, T., Popescu, O.	Molecular data confirm recent fluctuations of northern border of dice snake (<i>Natrix tessellata</i>) range in eastern Europe (2012) North-Western Journal of Zoology, 8 (2), pp. 374-377.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869072099&partnerID=40&md5=58067ac5b9a08b92efb9fa85d3268305
	Roitberg, E.S., Orlova, V.F., Kuranova, V.N., Bulakhova, N.A., Zinenko, O.I. , Ljubisavljevic, K., Shamgunova, R.R., Carretero, M.A., Clasen, A., Fokt, M., Böhme, W.	Inter-observer and intra-observer differences in measuring body length: A test in the common lizard, <i>Zootoca vivipara</i> (2011) Amphibia Reptilia, 32 (4), pp. 477-484.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8485599245&doi=10.1163%2F156853811X601636&partnerID=40&md5=39ca103d04f19d0dc6802b960370a6a5
	Zinenko, O. , Țurcanu, V., Strugariu, A.	Distribution and morphological variation of <i>Vipera berus nikolskii</i> Vedmederja, Grubant et Rudaeva, 1986 in Western Ukraine, the Republic of Moldova and Romania (2010) Amphibia Reptilia, 31 (1), pp. 51-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954022362&doi=10.1163%2F156853810790457885&partnerID=40&md5=5213c8f44f482209ca131ca8701bf0ad

	Utevsky, S., Zagnajster, M., Atemasov, A., Zinenko, O. , Utevska, O., Utevsky, A., Trontelj, P.	Distribution and status of medicinal leeches (genus Hirudo) in the western palaearctic: Anthropogenic, ecological, or historical effects? (2010) Aquatic Conservation: Marine and Freshwater Ecosystems, 20 (2), pp. 198-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649091192&doi=10.1002%2faqc.1071&partnerID=40&md5=9781aa29cedff9b512c929d1d284619d
	Zinenko, O.	Notes on egg-laying, clutch size and hatchling feeding of Emys orbicularis in the Kharkiv region, Ukraine (2004) Biologia - Section Zoology, 59 (SUPPL. 14), pp. 149-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751337041&partnerID=40&md5=e060909d27eb09b55bde414ede8565a2
209	Badiyan, E.E. , Tonkopyrad, A.G., Shekhovtsov, O.V., Shurinov, R.V.	Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride (2016) Problems of Atomic Science and Technology, 102 (2), pp. 92-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964282729&partnerID=40&md5=d5f4165b5f319f50fa5553f09592038b
	Badiyan, E.E. , Tonkopyrad, A.G., Shekhovtsov, O.V., Shurinov, R.V., Zetova, T.R.	Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) Functional Materials, 23 (4), pp. 561-569.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008192072&doi=10.1134%2ffm23.04.387&partnerID=40&md5=52b7e2851cfd39984942a2e4fb8f136d
	Badiyan, E.E. , Tonkopyrad, A.G., Zetova, T.R., Shurinov, R.V., Talakh, S.V., Dergacheva, A.V.	Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation (2016) Problems of Atomic Science and Technology, 101 (1), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958582524&partnerID=40&md5=32870d1a25c757501337003bc29d722b
	Badiyan, E.E. , Shurinov, R.V., Tonkopyrad, A.G., Zetova, T.R., Shekhovtsov, O.V., Kazachkova, K.S.	Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) Functional Materials, 22 (3), pp. 396-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944599709&doi=10.1134%2ffm22.03.396&partnerID=40&md5=13f9cea0e4f30e0e5b0c087160e3e5ee
	Badiyan, E.E. , Tonkopyrad, A.G., Shekhovtsov, O.V., Shurinov, R.V., Zetova, T.R., Kazachkova, K.S.	Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) Functional Materials, 21 (3), pp. 307-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907576385&partnerID=40&md5=4d48d90ea579eaff6e544fd0f9973e
	Badiyan, E.E. , Tonkopyrad, A.G., Shekhovtsov, O.V., Shurinov, R.V., Zetova, T.R.	Optical technique for the in situ study of orientation and structure changes accompanied the plastic deformation of polycrystalline specimens of aluminum (2011) Inorganic Materials, 47 (15), pp. 1663-1666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455165046&doi=10.1134%2fis0020168511150039&partnerID=40&md5=69f9791da5c7782bdf6c71479183c4c1
	Badiyan, E.E. , Tonkopyrad, A.G., Shekhovtsov, O.V., Shurinov, R.V., Dibrova, D.V.	New approach to grain boundaries detection in polycrystalline materials by scratching of sample's surface (2011) Functional Materials, 18 (4), pp. 534-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856721264&partnerID=40&md5=90385d6e8ee6f5cc64686047ef52e69
	Badiyan, E.E. , Shekhovtsov, O.V.	On the nature of the low energy of special twist grain boundaries (2006) Physics of Metals and Metallography, 102 (2), pp. 181-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747882812&doi=10.1134%2fis0031918X06080096&partnerID=40&md5=5bcc2a0f5dbdc23eef6a3d234148ea2e
	Pirogov, Yu.A., Prokopenko, M.I., Babkina, L.A., Badiyan, E.E. , Semenenko, I.N.	Sinter adhesion of MgO produced by the thermal decomposition of magnesium compounds to periclase refractory (1978) Refractories, 19 (3-4), pp. 163-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017938309&doi=10.1007%2BF01280471&partnerID=40&md5=cac4cef318eaf6c804b92d202bd3ff3f
	Startsev, V.I., Osetski, A.I., Soldatov, V.P., Badiyan, E.E. , DuyĖn, P., Gorki, A.M.	Temperature and stress dependences of creep in single crystals of lead between 20 and 300 K (1975) Journal of Materials Science, 10 (3), pp. 387-392.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016483965&doi=10.1007%2BF00543681&partnerID=40&md5=25c70f422e09de58f257fda67233cc
	Pirogov, Yu.A., Prokopenko, M.I., Badiyan, E.E. , Semenenko, I.N., Sirenko, A.F.	Particle size as a factor in gunite adhesion (1974) Refractories, 15 (9-10), pp. 572-576.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016109437&doi=10.1007%2BF01287169&partnerID=40&md5=84da92fd6f90b599b2347195a56e80d
	Badiyan, E.E. , Sirenko, A.F.	An investigation of the substructural changes accompanying high-temperature creep of mono- and polycrystalline nickel samples (1971) Journal of Materials Science, 6 (12), pp. 1479-1485.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250452743&doi=10.1007%2fPL00020650&partnerID=40&md5=fc114109a2b1a4bba39097e2042bf34f
210	Vovk, R.V., Obolenskii, M.A., Zavgorodniy, A.A., Goulatis, I.L., Beletskii, V.I. , Chronos, A.	Structural relaxation, metal-to-insulator transition and pseudo-gap in oxygen deficient N{cyrillic}o{cyrillic}Ba2Cu3O7- δ single crystals (2009) Physica C: Superconductivity and its Applications, 469 (5-6), pp. 203-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62249114124&doi=10.1016%2fj.physc.2009.01.011&partnerID=40&md5=680b6feddc7995bd9ae7cefb296f29d
	Chashka, Kh.B., Bichko, V.A., Obolenskii, M.A., Hasan, R., Beletskii, V.I.	Nonstationary effects in NbSe3 intercalated with hydrogen (1998) Fizika Nizkikh Temperatur (Kharkov), 24 (1), p. 52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342976258&partnerID=40&md5=a0dd22e623f60083a1db7da6c8c522d1
	Beletskii, V.I. , Gavrenko, O.A., Merisov, B.A., Obolenskii, M.A., Sologubenko, A.V., Khadjai, G.Ya., Chashka, Kh.B.	Thermal conductivity and electrical resistivity of the layered compound Nb1-xSnxSe2 (1998) Low Temperature Physics, 24 (4), pp. 273-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750122929&partnerID=40&md5=8970b78f3c673d1541a6cdd92dfd726b
	Chashka, Kh.B., Bichko, V.A., Obolenskii, M.A., Hasan, R., Beletskii, V.I.	Nonstationary effects in NbSe3 intercalated with hydrogen (1998) Low Temperature Physics, 24 (1), pp. 35-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750388728&partnerID=40&md5=947c72a3ae36bca29cf7053e8049a6b
	Chashka, Kh.B., Bychko, V.A., Obolenskii, M.A., Hasan, R., Beletskii, V.I. , Basteiev, A.V., Prognimak, A.N.	Peculiarities in the effect of hydrogen on CDW transition in NbSe3 (1997) Low Temperature Physics, 23 (7), pp. 561-566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749993287&partnerID=40&md5=e08f941d2e09965c690930424401b3f6
	Chashka, K.B., Obolenskii, M.A., Bychko, V.A., Beletskii, V.I.	Pinning of charge density waves in NbSe3 single crystals (1996) Fizika Nizkikh Temperatur (Kharkov), 22 (10), pp. 1203-1204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342906897&partnerID=40&md5=31d054f7dc63ca729a3fb44bfe0a8c49
	Chashka, Kh.B., Beletskii, V.I. , Obolenskii, M.A.	Electrical resistance of NbSe3-single crystals under uniaxial pressure (1994) Physica B: Physics of Condensed Matter, 203 (1-2), pp. 75-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342880775&doi=10.1016%2f0921-4526%2894%2990279-8&partnerID=40&md5=6156c6d0f5ef639d000356930320ddb
	Obolenskii, M.A., Chashka, Kh.B., Beletskii, V.I. , Gvozdkov, V.M.	Influence of uniaxial pressure on superconducting transition temperature in the niobium diselenide (1989) Fizika Nizkikh Temperatur (Kiev), 15 (9), pp. 984-988.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024735770&partnerID=40&md5=1e8f90b8cd931384b53598d22ec3cb87
	Obolenskii, M.A., Beletskii, V.I. , Chashka, Kh.B., Basteiev, A.V., Minenko, E.V.	FEATURES IN THE TEMPERATURE DEPENDENCE OF THE RESISTIVITY AND THE CRITICAL PARAMETERS OF THE SUPERCONDUCTING STATE IN H//xNbSe//2. (1984) Soviet Journal of Low Temperature Physics (English Translation of Fizika Nizkikh Temperatur), 10 (6), pp. 305-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021440956&partnerID=40&md5=48327f177ad6ee1fc6ff18cb6c479f75
	Beletskii, V.I. , Golik, A.V., Korolyuk, A.P., Matsakov, L.Ya.	LOW-FREQUENCY BLOCK OF A SPECTROMETER. (1975) Instrum Exp Tech, 18 (5 pt 2), pp. 1497-1498.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016545596&partnerID=40&md5=e7e1e0d893cee754a5d976306949d658
	Korolyuk, A.P., Roi, V.F., Goli, A.V., Beletskii, V.I. , Matsakov, L.Ya., Obolenskii, M.A.	LOW-TEMPERATURE DEVICE FOR MAGNETOACOUSTIC INVESTIGATIONS. (1974) Instrum Exp Tech, 17 (4 pt 2), pp. 1199-1201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016084811&partnerID=40&md5=a75e96ceb8537b79a59d5772ccc97718
	Beletskii, V.I. , Korolyuk, A.P., Obolenskii, M.A.	An apparatus for measuring the attenuation and velocity dispersion in sound in a magnetic field at low temperatures (1973) Cryogenics, 13 (1), pp. 49-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49549163276&doi=10.1016%2f0011-2275%2873%2990268-3&partnerID=40&md5=3191da81fd2e48cb9d58dc77fb95c26c
211	Gorbenko, G.P., Ioffe, V.M. , Molotkovsky, J.G., Kinnunen, P.K.J.	Resonance energy transfer study of lysozyme-lipid interactions (2008) Biochimica et Biophysica Acta - Biomembranes, 1778 (5), pp. 1213-1221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43049094118&doi=10.1016%2fj.bbamem.2007.09.027&partnerID=40&md5=266907b237cb6eebb69c0b0df483ff
	Gorbenko, G.P., Ioffe, V.M. , Kinnunen, P.K.J.	Binding of lysozyme to phospholipid bilayers: Evidence for protein aggregation upon membrane association (2007) Biophysical Journal, 93 (1), pp. 140-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34447291808&doi=10.1529%2fbiophysj.106.102749&partnerID=40&md5=1e904c0ac1590fcc4aa073ac8b6c1379
	Ioffe, V.M. , Gorbenko, G.P., Deligeorgiev, T., Gadjev, N., Vasilev, A.	Fluorescence study of protein-lipid complexes with a new symmetric squarylium probe (2007) Biophysical Chemistry, 128 (1), pp. 75-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247637186&doi=10.1016%2fj.bpc.2007.03.007&partnerID=40&md5=3a242d8fc6ae2cc05ba073fa83a70067
	Ioffe, V.M. , Gorbenko, G.P., Kinnunen, P.K.J., Tatarets, A.L., Kolosova, O.S., Patsenker, L.D., Terpetschnig, E.A.	Tracing lysozyme-lipid interactions with long-wavelength squaraine dyes (2007) Journal of Fluorescence, 17 (1), pp. 65-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845964749&doi=10.1007%2fis10895-006-0142-4&partnerID=40&md5=d7385f8e7ae33adef8014112389c5a5cd

	Ioffe, V.M., Gorbenco, G.P., Tatars, A.L., Patsenker, L.D., Terpechnig, E.A.	Examining protein-lipid interactions in model systems with a new squarylium fluorescent dye (2006) Journal of Fluorescence, 16 (4), pp. 547-554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745923547&doi=10.1007%2f10895-006-0092-x&partnerID=40&md5=e78b2aaf28a9c7b2d6d36cb5b3f3146d8
	Ioffe, V.M., Gorbenco, G.P., Domanov, Y.A., Tatars, A.L., Patsenker, L.D., Terpetsching, E.A., Dyubko, T.S.	A new fluorescent squaraine probe for the measurement of membrane polarity (2006) Journal of Fluorescence, 16 (1), pp. 47-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645666432&doi=10.1007%2f10895-005-0018-2&partnerID=40&md5=2509821517b7857d3cc2716c9949efb8
	Ioffe, V., Gorbenco, G.P.	Lysozyme effect on structural state of model membranes as revealed by pyrene excimerization studies (2005) Biophysical Chemistry, 114 (2-3), pp. 199-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17144422439&doi=10.1016%2fj.bpc.2004.11.010&partnerID=40&md5=8c78b9d66df78a7fbddab68bdd052905
	Ioffe, V.M., Khanina, S.A., Zhilkova, E.S., Domanov, Lyakhovskiy, A.F., Gorbenco, G.P.	Effect of radio frequency electromagnetic field on the structural state of model membranes (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 830-831.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544300529&partnerID=40&md5=95fccc878953cdc2159c36f25c544f3
	Ioffe, V., Kalendarev, T., Rubinstein, I., Zabetski, R., Zupkovitz, G.	Reversed-phase high-performance liquid chromatography of polar lipids: II. Procedure for a phospholipid derivative of methotrexate (2004) Journal of Chromatography A, 1031 (1-2), pp. 249-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1342308126&doi=10.1016%2fj.chroma.2003.08.072&partnerID=40&md5=bd7a8b3b80ea27f24af7be6b0385aa87
	Ioffe, V., Kalendarev, T., Rubinstein, I., Mizerikhin, E., Tsiubskiy, E.	Reversed-phase liquid chromatography of biologically active lipophilic chelators: II. Improvement of chromatographic performance and selected applications in biochemical analysis (2003) Journal of Chromatography A, 987 (1-2), pp. 169-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037435895&doi=10.1016%2fS0021-9673%2802%2901450-4&partnerID=40&md5=94515c1e29ff1c69c912d274c3b0e7ee
	Ioffe, V., Kalendarev, T., Rubinstein, I., Zupkovitz, G.	Reverse phase HPLC for polar lipids. Simple and selective HPLC procedures for analysis of phospholipid-based derivatives of valproic acid and various non-steroidal anti-inflammatory drugs (2002) Journal of Pharmaceutical and Biomedical Analysis, 30 (3), pp. 391-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037201566&doi=10.1016%2fS0731-7085%2802%2900220-0&partnerID=40&md5=2317c8657835ada057ed57738d927d19
	Kalendarev, T., Zupkovitz, G., Ioffe, V.	The unusual gradient elution for reversed phase HPLC of a strong chelator as an active drug substance (2001) Journal of Pharmaceutical and Biomedical Analysis, 24 (5-6), pp. 967-975.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035089581&doi=10.1016%2fS0731-7085%2800%2900567-7&partnerID=40&md5=8d9ca582523faa0a2924c6cd7c202af7
212	Vovk, R.V., Khadzai, G.Y., Dobrovolskiy, O.V., Kamchatnaya, S.N., Pinto Simoes, V.M.	Conductivity relaxation in strongly underdoped YBa ₂ Cu ₃ O _{7-δ} single crystals (2017) Physica B: Condensed Matter, 518, pp. 47-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020085125&doi=10.1016%2fj.physb.2017.05.020&partnerID=40&md5=0ee0ee89f87a19f11a7ac1cd90e84d
	Solovjov, A.V., Omelchenko, L.V., Vovk, R.V., Kamchatnaya, S.N.	Pseudogap and fluctuation conductivity in Y1-xPrxBa ₂ Cu ₃ O _{7-δ} single crystals with different praseodymium content (2017) Fizika Nizkikh Temperatur, 43 (7), pp. 1050-1058.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020717955&partnerID=40&md5=05d36410f1f5b6b9f94b152f2b40fc8d
	Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., Kamchatnaya, S.N., Goulatis, I.L., Chroneos, A.	Relaxation of the electric resistance in YBa ₂ Cu ₃ O _{7-x} single crystals at room temperature (2017) Modern Physics Letters B, 31 (16), статья № 1750179, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019709424&doi=10.1142%2fS0217984917501792&partnerID=40&md5=413b5a7d52e0ff21184d2b3bb513a483
	Vovk, R.V., Boiko, Y.I., Bogdanov, V.V., Kamchatnaya, S.N., Goulatis, I.L., Chroneos, A.	Different diffusion mechanisms of oxygen in ReBa ₂ Cu ₃ O _{7-x} (Re = Y, Ho) single crystals (2017) Physica C: Superconductivity and its Applications, 536, pp. 26-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018503378&doi=10.1016%2fj.physc.2017.04.001&partnerID=40&md5=4e14176feSec49723887fb483856cd7e
	Savich, S.V., Samoylov, A.V., Kamchatnaya, S.N., Dobrovolskiy, O.V., Vovk, R.V., Solovjov, A.L., Omelchenko, L.V.	Suppression of the order-disorder transition in Ti-doped YBaCuO compounds (2017) Journal of Materials Science: Materials in Electronics, pp. 1-5. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018464091&doi=10.1007%2f10854-017-6936-0&partnerID=40&md5=008d4f3a95716e74c1d5bd7d21d97bbe
	Vovk, R.V., Khadzai, G.Y., Goulatis, I.L., Kamchatnaya, S.N., Chroneos, A.	Diffusion of the superconducting transition in HTSC (2017) Journal of Materials Science: Materials in Electronics, pp. 1-4. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017024623&doi=10.1007%2f10854-017-6864-z&partnerID=40&md5=4862a085efbac3a7afe9ae76cf470dc9
	Vovk, R.V., Khadzai, G.Y., Dobrovolskiy, O.V., Nazarov, Z.F., Kamchatnaya, S.N.	Effect of hydrostatic pressure on the conductivity of YBa ₂ Cu ₃ O _{7-δ} single crystals in a broad range of temperature and oxygen content (2017) Solid State Communications, 255-256, pp. 20-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015250562&doi=10.1016%2fj.ssc.2017.02.009&partnerID=40&md5=c80788e1424ce995b8794fdacaf17cc
	Savich, S.V., Samoylov, A.V., Kamchatnaya, S.N., Goulatis, I.L., Vovk, R.V., Chroneos, A., Solovjov, A.L., Omelchenko, L.V.	Effect of Hafnium Impurities on the Magnetoresistance of YBa ₂ Cu ₃ O _{7-δ} (2017) Journal of Low Temperature Physics, 186 (3-4), pp. 285-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996537926&doi=10.1007%2f10909-016-1703-9&partnerID=40&md5=a984eabc64816d2daf03f3e538b8355
	Kamchatnaya, S.N., Goulatis, I.L., Vovk, R.V., Chroneos, A.I.	Modification by high pressure of fluctuation paraconductivity of underdoped HoBa ₂ Cu ₃ O _{7-δ} single crystals (2016) Journal of Materials Science: Materials in Electronics, 27 (8), pp. 8013-8019.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963720972&doi=10.1007%2f10854-016-4797-6&partnerID=40&md5=d657bcb5670ef2f1326701cad733cdc
	Solovjov, A.L., Omelchenko, L.V., Vovk, R.V., Dobrovolskiy, O.V., Nazarov, Z.F., Kamchatnaya, S.N., Sergeev, D.M.	Hydrostatic-pressure effects on the pseudogap in slightly doped YBa ₂ Cu ₃ O _{7-δ} single crystals (2016) Physica B: Condensed Matter, 493, pp. 58-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964669653&doi=10.1016%2fj.physb.2016.04.015&partnerID=40&md5=75a354f36e9d4426a276e16d39cf20d3
	Vovk, R.V., Khadzai, G.Y., Dobrovolskiy, O.V., Kamchatnaya, S.N., Nazarov, Z.F.	Electric Charge Transfer and Scattering of Its Carriers in Cuprates of the 1-2-3 System (2016) Journal of Low Temperature Physics, 183 (1-2), pp. 59-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961286740&doi=10.1007%2f10909-016-1513-0&partnerID=40&md5=91be55231fc8625841e4b811b14f9fb
	Solovjov, A.L., Omelchenko, L.V., Vovk, R.V., Dobrovolskiy, O.V., Kamchatnaya, S.N., Sergeev, D.M.	Peculiarities in the pseudogap behavior in optimally doped YBa ₂ Cu ₃ O _{7-δ} single crystals under pressure up to 1 GPa (2016) Current Applied Physics, 16 (9), pp. 931-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979499855&doi=10.1016%2fj.cap.2016.05.014&partnerID=40&md5=443fbd0ce5a25c25966d4fabf867a016
213	Kadets, B., Karolinsky, E., Pop, I., Stolin, A.	Classification of quantum groups and Belavin-Drinfeld cohomologies for orthogonal and symplectic Lie algebras (2016) Journal of Mathematical Physics, 57 (5), статья № 051707, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971278373&doi=10.1063%2f1.4950895&partnerID=40&md5=336ccb98ff373daecce1949079190bfe
	Kadets, B., Karolinsky, E., Pop, I., Stolin, A.	Classification of Quantum Groups and Belavin-Drinfeld Cohomologies (2016) Communications in Mathematical Physics, 344 (1), .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964397407&doi=10.1007%2f100220-016-2622-y&partnerID=40&md5=683719867462d0ab91395a57e3a08053
	Kadets, B., Karolinsky, E., Pop, I., Stolin, A.	Quantum Groups: From the Kulish-Reshetikhin Discovery to Classification (2016) Journal of Mathematical Sciences (United States), 213 (5), pp. 743-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8495717846&doi=10.1007%2f10958-016-2735-z&partnerID=40&md5=e536b816e3cae7c0205d2a7c7dcdef6
	Karolinsky, E., Stolin, A., Tarasov, V.	Equivariant quantization of Poisson homogeneous spaces and Kostant's problem (2014) Journal of Algebra, 409, pp. 362-381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899149811&doi=10.1016%2fj.jalgebra.2014.03.033&partnerID=40&md5=f8ec79890d942cb7eb9a9918c73a585d
	Karolinsky, E., Stolin, A., Tarasov, V.	Quantized reduced fusion elements and Kostant's problem (2014) Springer Proceedings in Mathematics and Statistics, 85, pp. 27-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943546113&doi=10.1007%2f978-3-642-55361-5_2&partnerID=40&md5=abda2bfd3f135b59ace5ab5596dd0dc5
	Karolinsky, E., Stolin, A., Tarasov, V.	Irreducible highest weight modules and equivariant quantization (2007) Advances in Mathematics, 211 (1), pp. 266-283.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33847107577&doi=10.1016%2fj.aim.2006.08.004&partnerID=40&md5=8bc85d011d30cc8b2d292584799ff10
	Karolinsky, E., Stolin, A., Tarasov, V.	From dynamical to non-dynamical twists (2005) Letters in Mathematical Physics, 71 (3), pp. 173-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18244382790&doi=10.1007%2f11005-005-0158-8&partnerID=40&md5=ea6782700cd4f1e5baef5533c7cc999
	Karolinsky, E., Muzykin, K., Stolin, A., Tarasov, V.	Dynamical Yang-Baxter equations, quasi-Poisson homogeneous spaces, and quantization (2005) Letters in Mathematical Physics, 71 (3), pp. 179-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18244397191&doi=10.1007%2f11005-005-0159-7&partnerID=40&md5=1376dc3afe59aef6b4d879f35bbc
	Karolinsky, E., Muzykin, K.	On quasi-Poisson homogeneous spaces of quasi-Poisson Lie groups (2004) Journal of Lie Theory, 14 (2), pp. 543-554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544244070&partnerID=40&md5=7f0625dc19a4d798a72df4e23d6de80
	Karolinsky, E., Stolin, A.	Classical dynamical r-matrices, Poisson homogeneous spaces, and Lagrangian subalgebras (2002) Letters in Mathematical Physics, 60 (3), pp. 257-274.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041867596&doi=10.1023%2fA%3a1016231526203&partnerID=40&md5=6650fe2e537a5ca139afdcacab315ffe

	Karolinskii, E.A.	The classification of poisson homogeneous spaces of Compact Poisson-Lie Groups (1998) Doklady Akademii Nauk, 359 (1), pp. 13-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007596917&partnerID=40&md5=8e73b9c1384481c562802bc79a45080
	Karolinskii, E.A.	Classification of poisson homogeneous spaces of compact Poisson-Lie groups (1998) Doklady Mathematics, 57 (2), pp. 179-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040579110&partnerID=40&md5=67a179944923def2daa1771d68b6a1c9
214	Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V. , Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V.	Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride (2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930639846&doi=10.5935%2F0103-5053.20150080&partnerID=40&md5=44dec8cf81f0da20a9f9915faa7859ed
	Tkachenko, O., Rahim, A., Baraban, A., Sukhov, R., Khristenko, I. , Gushikem, Y., Kholin, Y.	Hybrid silica-organic material with immobilized amino groups: Surface probing and use for electrochemical determination of nitrite ions (2013) Journal of Sol-Gel Science and Technology, 67 (1), pp. 145-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881008919&doi=10.1007%2F10971-013-3060-3&partnerID=40&md5=39ca612e0af419d279aacc80ba3c83a7
	Baraban, A.Y., Ivanov, V.V., Khristenko, I.V. , Kholin, Y.V.	Quantum chemical calculations for the hydration of model silica modified by aliphatic amines (2012) Russian Journal of Physical Chemistry A, 86 (2), pp. 244-251.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856204283&doi=10.1134%2F0036024412020057&partnerID=40&md5=ac5a20030620c53520f3b4b615008840
	Khristenko, I.V. , Kholin, Yu.V., McHedlov-Petrosyan, N.O., Reichardt, C., Zaitsev, V.N.	Probing of chemically modified silica surfaces by solvatochromic pyridinium N-phenolate betaine indicators (2006) Colloid Journal, 68 (4), pp. 511-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747059340&doi=10.1134%2F1061933X06040156&partnerID=40&md5=8121dd3aaacc97ad57dbd3120b1700d4
	Kholin, Y.V., Myerniy, S.A., Shabaeva, Y.V., Khristenko, I.V. , Samoteikin, A.A., Sumskaya, N.R.	Chemisorption of hydrogen ions on aminosilica surfaces at different temperatures (2003) Adsorption Science and Technology, 21 (1), pp. 53-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038608010&doi=10.1260%2F02636170360699813&partnerID=40&md5=0f515f23153117d5ffad41ec77b3d0b7
	Zaitsev, V.N., V. Kholin, Y., Yu Gorlova, E., Khristenko, I.V.	Silica chemically modified with N-benzoyl-N-phenylhydroxylamine in chemisorption of hydrogen and metal ions (1999) Analytica Chimica Acta, 379 (1-2), pp. 11-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032906212&doi=10.1016%2F0003-2670%2898%2900592-3&partnerID=40&md5=c68b397a7fe74b151a57397e720182f0
	Kholin, Yu.V., Shabaeva, Yu.V., Khristenko, I.V.	Equilibria of sorption of hydrogen and transition metal ions by silica chemically modified with iminodiacetic acid (1998) Russian Journal of Applied Chemistry, 71 (3), pp. 407-412.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844575908&partnerID=40&md5=bc313e6df9df6e54375a6d3bb4ac17
	Kholin, Yu.V., Khristenko, I.V. , Shabaeva, Yu.V., Sumskaya, N.R.	Protolytic and completing properties of 2-aminomethylquinoline covalently anchored on aerosil (1998) Zhurnal Neorganicheskoy Khimii, 43 (1), pp. 82-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343103056&partnerID=40&md5=f3d38bd3f980f5b7b593dffa952d060c
	Kholin, Yu.V., Khristenko, I.V. , Shabaeva, Yu.V., Sumskaya, N.R.	Protolytic and Complexing Properties of 2-Aminomethylquinoline Covalently Anchored on Aerosil (1998) Russian Journal of Inorganic Chemistry, 43 (1), pp. 75-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542548858&partnerID=40&md5=8ab1595a1845939744cc4bcf737546e3
	Kholin, Yu.V., Khristenko, I.V.	Silica chemically modified with N-Benzoyl-N-phenylhydroxylamine in sorption and Solid-Phase spectrophotometric analysis of Fe(III) (1997) Russian Journal of Applied Chemistry, 70 (6), pp. 897-900.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844570442&partnerID=40&md5=17ef8e7ee9290cad995ed9ae07efaea5
	Kholin, Yu.V., Khristenko, I.V. , Konyaev, D.S.	Protolytic properties of benzoylphenylhydroxylamine grafted on a silica surface (1997) Zhurnal Fizicheskoy Khimii, 71 (3), pp. 517-520.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749829679&partnerID=40&md5=7d25138644337ab01aa1a19f309ffe03
	Kholin, Yu.V., Khristenko, I.V. , Konyaev, D.S.	Protolytic properties of benzoylphenylhydroxylamine grafted on a silica surface (1997) Russian Journal of Physical Chemistry A, 71 (3), pp. 445-448.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031491305&partnerID=40&md5=d851da0c97658be4ccb4623c221c4a9b
215	Vovchynskiy, I.S., Kolesnik, Y.V. , Filatov, Y.I., Kalugin, O.N.	Molecular modelling on solutions of 1-1'-spirobipirrolidinium tetrafluoroborate in acetonitrile (2017) Journal of Molecular Liquids, 235, pp. 60-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009412915&doi=10.1016%2Fj.molliq.2016.12.029&partnerID=40&md5=a7c185890c5de8477a6bb9bab22e9e89
	Agieienko, V.N., Kolesnik, Y.V. , Kalugin, O.N.	Structure, solvation, and dynamics of Mg ²⁺ , Ca ²⁺ , Sr ²⁺ , and Ba ²⁺ complexes with 3-hydroxyflavone and perchlorate anion in acetonitrile medium: A molecular dynamics simulation study (2014) Journal of Chemical Physics, 140 (19), статья № 194501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901500894&doi=10.1063%2F1.4875591&partnerID=40&md5=fadd87339681628f46575b332a8cac93
	Postupna, O.O., Kolesnik, Y.V. , Kalugin, O.N., Prezhdo, O.V.	Microscopic structure and dynamics of LiBF ₄ solutions in cyclic and linear carbonates (2011) Journal of Physical Chemistry B, 115 (49), pp. 14563-14571.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455195594&doi=10.1021%2Fjp206006m&partnerID=40&md5=a315ff1cc7e39aa4bc07df2b55c82f10
	Kalugin, O.N., Chaban, V.V., Kolesnik, Ya.V.	Correlation of the rotational and translational motions of methanol molecules in pure liquid methanol and in the presence of Li ⁺ ions (2006) Russian Journal of Physical Chemistry A, 80 (8), pp. 1273-1280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750150120&doi=10.1134%2F0036024406080188&partnerID=40&md5=1aba83c9038c7987f28d9f085cddee0d
	Kalugin, O.N., Kolesnik, Ya.V.	Structural characteristics of the solvation and association of licio4 in methanol (2003) Russian Journal of Physical Chemistry A, 77 (6), pp. 1028-1030.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038391053&partnerID=40&md5=13106df3985c57150bad53c632545bc8
	Kalugin, O.N., Adya, A.K., Volobuev, M.N., Kolesnik, Y.V.	Solvation of solvophilic and solvophobic ions in dimethyl sulfoxide: Microscopic structure by molecular dynamics simulations (2003) Physical Chemistry Chemical Physics, 5 (8), pp. 1536-1546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344080444&doi=10.1039%2Fb212269c&partnerID=40&md5=f42c7f1410c0bf10fb752783489ae91a
	Kolesnik, Ya.V. , Kalugin, O.N.	Collective Motion of Charges in Lithium Tetrafluoroborate Solutions in Acetonitrile (2003) Russian Journal of Electrochemistry, 39 (4), pp. 427-429.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642570405&doi=10.1023%2FA%3a1023378526563&partnerID=40&md5=91779300092c7dc1ce0d1ab16908bad3
	Kolesnik, Ya.V. , Kalugin, O.N.	Collective motion of charges in lithium tetrafluoroborate solutions in acetonitrile (2003) Elektrokhimiya, 39 (4), pp. 473-475.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037779431&partnerID=40&md5=0344db2d8fd7b75370ec4e2508b29359
	Kalugin, O.N., Kolesnik, Ya.V.	Structural characteristics of the solvation and association of LiClO ₄ in methanol (2003) Zhurnal Fizicheskoy Khimii, 77 (6), pp. 1142-1145.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037830696&partnerID=40&md5=7e2a63345bb87d6790eb65b43dcd4009
	Kalugin, O.N., Volobuev, M.N., Kolesnik, Ya.V.	Molecular-dynamic modeling of microstructure and dynamics of ionic solvation in dimethylsulfoxide: Influence of ion charge (2002) Khimicheskaya Fizika, 21 (7), pp. 16-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036419313&partnerID=40&md5=6025eb910ab2d2f8d491bc74114a8880
	Kolesnik, Ya.V. , Kalugin, O.N., Volobuev, M.N.	New algorithm of integrating the equations of movements of rigid multiatom molecules in molecular dynamic method (2001) Khimicheskaya Fizika, 20 (3), pp. 16-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035764341&partnerID=40&md5=d5cdeb7cdf07c8b590cd02dc5291a23
	Adya, A.K., Kalugin, O.N., Volobuev, M.N., Kolesnik, Y.V.	Microscopic structure of liquid dimethyl sulphoxide and its electrolyte solutions: Molecular dynamics simulations (2001) Molecular Physics, 99 (10), pp. 835-854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035918614&doi=10.1080%2F00268970010024867&partnerID=40&md5=6acfd7f31a62a7221b76ec39dec510e2
216	Litvinov, V.A. , Okseniuk, I.I., Shevchenko, D.I., Koppe, V.T., Bobkov, V.V., Chornous, V.M.	Sims study of the surface of TiFe hydride forming alloy (2017) Ukrainian Journal of Physics, 62 (3), pp. 195-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019162992&doi=10.15407%2Fujpe62.03.0195&partnerID=40&md5=c6721bf427dd6503ebff727c3d4744ec
	Okseniuk, I.I., Litvinov, V.A. , Koppe, V.T., Shevchenko, D.I., Bobkov, V.V.	The study of surface of alloys for hydrogen storage by SIMS (2015) YSF 2015 - International Young Scientists Forum on Applied Physics, статья № 7333250.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962507339&doi=10.1109%2FYSF.2015.7333250&partnerID=40&md5=3c4bb45798eb5c92b0a5ea1389c21d54
	Litvinov, V.A. , Koppe, V.T., Shevchenko, D.I., Okseniuk, I.I., Bobkov, V.V.	SIMS investigation of the processes of gas release from zirconium-based getter alloy (2014) Bulletin of the Russian Academy of Sciences: Physics, 78 (6), pp. 526-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905577539&doi=10.3103%2FIS1062873812050152&partnerID=40&md5=e57cce1cc6a897fbbf99ba7a5930be2e
	Litvinov, V.A. , Koppe, V.T., Bobkov, V.V.	SIMS investigations of hydrogen interaction with a zirconium getter alloy surface (2012) Bulletin of the Russian Academy of Sciences: Physics, 76 (5), pp. 553-557.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863707655&doi=10.3103%2FIS1062873812050152&partnerID=40&md5=cc674265440e39cde2f57be29a9c131
	Litvinov, V.A. , Koppe, V.T., Logachev, Y.E., Bobkov, V.V.	SIMS investigation of the influence of ultraviolet irradiation on amino acids (2010) Bulletin of the Russian Academy of Sciences: Physics, 74 (2), pp. 183-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950382986&doi=10.3103%2FIS1062873810020188&partnerID=40&md5=e378d651c5d8fba74b75dcab5108a5fd

	Meľnikov, V.N., Litvinov, V.A. , Koppe, V.T., Bobkov, V.V.	Secondary ion mass spectrometry of organic materials with the use of a glycerol matrix (2009) Russian Journal of Physical Chemistry A, 83 (6), pp. 979-983.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-66149164347&doi=10.1134%2FIS0036024409060193&partnerID=40&md5=5032418fa67b2f769072a819c26e0c5
	Melnikov, V.N., Litvinov, V.A. , Koppe, V.T., Bobkov, V.V.	SIMS study of the processes in buffer solutions of bioorganic systems (2008) Bulletin of the Russian Academy of Sciences: Physics, 72 (7), pp. 929-933.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50349103003&doi=10.3103%2FIS1062873808070137&partnerID=40&md5=30f0ef6db00a092705904662990de58b
	Litvinov, V.A. , Koval', A.G., Gritsaenko, S.V.	The yield of secondary-ion emission from the surface of metals, semiconductors, and dielectrics (1998) Radiotekhnika i Elektronika, 43 (10), pp. 1254-1261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747418559&partnerID=40&md5=f0306b633e32419fdd0eb9a0c7f11609
	Litvinov, V.A. , Koval', A.G., Gritsaenko, S.V.	The Yield of Secondary-Ion Emission from the Surface of Metals, Semiconductors, and Dielectrics (1998) Journal of Communications Technology and Electronics, 43 (10), pp. 1170-1176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2742591677&partnerID=40&md5=3e0c336c0fdac93f01803c82f140f4ed
	Litvinov, V.A. , Koval', A.G.	Energy distributions of secondary ions sputtered from alkali-halide compound surfaces (1995) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (2), pp. 82-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029241665&partnerID=40&md5=23cd0e1e2128b5b724a1650955dc1e3b
	Litvinov, V.A. , Fizgeer, B.M., Koval', A.G.	Sputtering of multicharged secondary ions from solid state surface (1992) Radiotekhnika i Elektronika, 37 (11), pp. 2051-2055.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026946002&partnerID=40&md5=d04113a0290f5b21b566374e46fc95ba
	Koval', A.G., Fizgeer, B.M., Litvinov, V.A.	Energy distributions and emission coefficients of secondary ions ejected from AIIIBV group semiconductors (1990) Soviet Physics Journal, 33 (11), pp. 973-977.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249920258&doi=10.1007%2FBF00895639&partnerID=40&md5=3e17cad3e33fde469abd64ec1b3a3275
217	Yatsuk, L.P., Lyakhovsky, A.F. , Katrich, V.A., Lyakhovsky, A.A.	Coupling of two rectangular waveguides through a diaphragm with a dielectric slab in the slot (2016) Progress In Electromagnetics Research M, 49, pp. 9-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983509071&partnerID=40&md5=091705e69b9e34de9596b0e1bc16797a
	Lyakhovsky, A.A., Lyakhovsky, A.F.	The influence of air gaps at slowdown of main LM-mode in a waveguide with multilayer dielectric filling (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136824, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939428482&doi=10.1109%2FICATT.2015.7136824&partnerID=40&md5=ab6414e0978804e672af7d991d4579db3
	Yatsuk, L.P., Blinova, N.K., Lyakhovsky, A.F. , Lyakhovsky, A.A., Selutin, A.V.	Theory questions of waveguide-slot structures with dielectric insertions (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136823, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939455994&doi=10.1109%2FICATT.2015.7136823&partnerID=40&md5=4fab6b2813df622a42c1cf878ea66553
	Yatsuk, L., Kichigin, I., Lyakhovsky, A. , Penkin, Yu.	Narrow waveguide-slot radiator filled with layered dielectric (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, статья № 6622093, pp. 421-423.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888623809&doi=10.1109%2FMSMW.2013.6622093&partnerID=40&md5=71dea7c9057c5c2e5222fea0924c4048
	Yatsuk, L.P., Lyakhovsky, A.F. , Katrich, V.A.	The physical properties of the resonant diaphragm in a rectangular waveguide with a slot partially filled with a dielectric (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, статья № 6622084, pp. 450-452.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888618067&doi=10.1109%2FMSMW.2013.6622084&partnerID=40&md5=0fb5ff3f194e4bd59e6b460c6402580
	Lyakhovsky, A.A., Lyakhovsky, A.F. , Blinova, N.K., Yatsuk, L.P.	Characteristics of linear slotted waveguide arrays on the rectangular waveguide with two-layer dielectric filling at excitation by the slowed down dominant mode (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, статья № 6170727, pp. 132-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859939662&doi=10.1109%2FICATT.2011.6170727&partnerID=40&md5=55f217274f3a41edd92d7afba4218867
	Lyakhovsky, A.A., Yatsuk, L.P., Lyakhovsky, A.F.	The longitudinal slot characteristics in waveguide with dielectric layer, situated parallel to its broad walls (2010) 2010 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW'2010, статья № 5546126, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957362806&doi=10.1109%2FMSMW.2010.5546126&partnerID=40&md5=a7d4561c9bad178252bf5c37f0137b1e
	Yatsuk, L., Lyakhovsky, A.A., Blinova, N., Lyakhovsky, A.F.	Physical properties of narrow slots in a rectangular waveguide with dielectric layer (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, статья № 4580978, pp. 311-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749088313&doi=10.1109%2FMMET.2008.4580978&partnerID=40&md5=535ec9d4348e27028cca45b3b06c757e
	Lyakhovsky, A.A., Blinova, N.K., Katrich, V.A., Lyakhovsky, A.F. , Yatsuk, L.P.	Multi-slot systems on the base of waveguides with partial dielectric filling (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 644-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544281064&partnerID=40&md5=acf880cebaab4f14914006adee975fc9
	Ioffe, V.M., Khanina, S.A., Zhilkova, E.S., Domanov, Lyakhovsky, A.F. , Gorbenco, G.P.	Effect of radio frequency electromagnetic field on the structural state of model membranes (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 830-831.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544300529&partnerID=40&md5=95fccc878953cdc2159c36f25c544f33
	Zhyronkina, A.V., Katrich, V.A., Lyakhovsky, A.A., Lyakhovsky, A.F.	Influence of excitation conditions of resonator with longitudinal coupling slot on the amplitude-phase distribution in waveguide-slot antenna (2002) CrMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, статья № 1137271, pp. 357-358.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968750603&doi=10.1109%2FCRMICO.2002.1137271&partnerID=40&md5=31c2c0f9db661e74330a06fc1f58e9e2
	Yatsuk, L.P., Lyakhovsky, A.F. , Lyakhovsky, A.A.	Physical foundations for scanning waveguide-slot antenna design on the base of rectangular waveguide with partial dielectric filling (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CrMiCo 2000, статья № 1256122, pp. 320-321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966335430&doi=10.1109%2FCRMICO.2000.1256122&partnerID=40&md5=b5b2705d3437b805c5c80fdb1878a256
218	Malykhina, T. , Torhovkin, O.	Computer simulation and experimental investigation of Mo-99 yield in thick targets as a Tc-99m generator (2016) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019773356&doi=10.1016%2Fij.nimb.2017.03.037&partnerID=40&md5=22c1984a7857e61cf074243a7df7cb0a
	Malykhina, T.V. , Torhovkin, O.V., Dovbnua, A.N., Deiev, A.S., Malyshevsky, V.S., Mitrochenko, V.V., Fomin, G.V., Shramenko, B.I.	Computer simulation and experimental results of 7Be photoproduction on 12C and 14N nuclei (2016) Springer Proceedings in Physics, 182, pp. 211-212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84970002268&doi=10.1007%2F978-3-319-21191-6_18&partnerID=40&md5=274efd3dd192dfab36623176b2641cac
	Dovbnua, A.N., Deiev, A.S., Kushnir, V.A., Malyshevsky, V.S., Malykhina, T.V. , Mitrochenko, V.V., Perezhogin, S.A., Torgovkin, A.V., Fomin, G.V., Shramenko, B.I.	Experimental results on cross sections for 7Be photoproduction on 12C, 14N, and 16O nuclei in the energy range of 40-90 MeV (2014) Physics of Atomic Nuclei, 77 (7), pp. 805-808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926312824&doi=10.1134%2FIS1063778814070059&partnerID=40&md5=c236610c543120ef6d46af48cd8dbf9b
	Dovbnua, A.N., Deyev, O.S., Kushnir, V.A., Malyshevsky, V.S., Malykhina, T.V. , Mitrochenko, V.V., Perezhogin, S.A., Torgovkin, A.V., Fomin, G.V., Shramenko, B.I.	Experimental cross-section evaluation data for 7be photoproduction by 12C, 14N, 16O nuclei in the energy range between 40...90 MeV (2013) Problems of Atomic Science and Technology, 88 (6), pp. 192-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891616841&partnerID=40&md5=a6ea2138137ff6a3ef5c4d8468e8c79a
	Dovbnua, A.N., Mitrochenko, V.V., Nikiforov, V.I., Perezhogin, S.A., Tenishev, A.E., Torgovkin, A.V., Uvarov, V.L., Shevchenko, V.A., Shramenko, B.I., Malykhina, T.V.	An increase of 99Mo yield under mixed γ , n-irradiation of target from natural molybdenum (2012) Problems of Atomic Science and Technology, (4), pp. 151-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865458150&partnerID=40&md5=2bf6a8a6beb1f2546216d3c0695a5622

	Bezuglov, M.V., Malyshevsky, V.S., Fomin, G.V., Torgovkin, A.V., Shramenko, B.I., Malykhina, T.V.	Photonuclear production of cosmogenic beryllium-7 in the terrestrial atmosphere (2012) Physical Review C - Nuclear Physics, 86 (2), статья № 024609, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865608863&doi=10.1103%2FPhysRevC.86.024609&partnerID=40&md5=a1e54603f98ed40672ae1e0a1093251
	Bezuglov, M.V., Malyshevsky, V.S., Malykhina, T.V. , Torgovkin, A.V., Fomin, G.V., Shramenko, B.I.	Photonuclear channel of ⁷ Be production in the Earth's atmosphere (2012) Physics of Atomic Nuclei, 75 (4), pp. 393-397.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873864943&doi=10.1134%2F1063778812030040&partnerID=40&md5=849a5f7326ac540af9b5a94a155b0f6e
	Malykhina, T.V. , Torgovkin, A.A., Torgovkin, A.V., Uvarov, V.L., Shevchenko, V.A., Shlyakhov, I.N., Shramenko, B.I.	The research of mixed X,n-radiation field at photonuclear isotopes production (2008) Problems of Atomic Science and Technology, (5), pp. 184-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149475935&partnerID=40&md5=56f7583dd66e8bf89d208ed4a387a1e
	Dudnik, O.V., Malykhina, T.V.	Bursts of HF radio noises after irregularities of solar wind (2004) Advances in Space Research, 33 (5), pp. 807-811.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842788742&doi=10.1016%2Fj.asr.2003.10.037&partnerID=40&md5=a2d7f13cf9e9364ae4f9172312720657
	Dudnik, O.V., Goka, T., Matsumoto, H., Fujii, M., Persikov, V.K., Malykhina, T.V.	Computer simulation and calibration of the charge particle spectrometer-telescope «STEP-F» (2003) Advances in Space Research, 32 (11), pp. 2367-2372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-034715816&doi=10.1016%2FS0273-1177%2803%2990567-9&partnerID=40&md5=6b3a6386dc921e9841630ce8731890d8
	Gorbenko, G.P., Kurilko, S.A., Malykhina, T.V.	Changes of liposomes electrophoretic mobility under the effect of ribonuclease and cytochrome c [Izmenenie elektroforeticheskoi podvzhnosti liposom pod vlianiem ribonukleazy i tsitokhroma c.] (1998) Biofizika, 43 (2), pp. 260-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032017202&partnerID=40&md5=d3b6fc2c246138704465bdcfa0e3a884
	Gorbenko, G.P., Kurilko, S.A., Malykhina, T.V.	Changes of Liposomes Electrophoretic Mobility under the Influence of Ribonuclease and Cytochrome c (1998) Biofizika, 43 (2), p. 263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345764918&partnerID=40&md5=710bbe2d8dea311e277fd9242b1d1b0
219	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V. , Shurinov, R.V.	Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride (2016) Problems of Atomic Science and Technology, 102 (2), pp. 92-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964282729&partnerID=40&md5=d5f4165b5f319f50fa5553f09592038b
	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V. , Shurinov, R.V., Zetova, T.R.	Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) Functional Materials, 23 (4), pp. 561-569.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008192072&doi=10.15407%2Ffm22.04.387&partnerID=40&md5=52b7e2851cfd39984942a2e4fb8f136d
	Badiyan, E.Yu., Tonkopryad, A.G., Shekhovtsov, O.V. , Shurinov, R.V.	Plastic rotations in polycrystalline aluminium foils (2015) Metallofizika i Noveishie Tekhnologii, 37 (7), pp. 951-960.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945959584&partnerID=40&md5=4d1254fb7537ac7f32fe081ae3fd0643
	Badiyan, E.E., Shurinov, R.V., Tonkopryad, A.G., Zetova, T.R., Shekhovtsov, O.V. , Kazachkova, K.S.	Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) Functional Materials, 22 (3), pp. 396-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944599709&doi=10.15407%2Ffm22.03.396&partnerID=40&md5=13f9cea0e4f30e0e5b0c087160e3e5ee
	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V. , Shurinov, R.V., Zetova, T.R., Kazachkova, K.S.	Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) Functional Materials, 21 (3), pp. 307-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907576385&partnerID=40&md5=4d48d90ea5799aaf6e544ffd0fd9973e
	Vovk, R.V., Vovk, N.R., Shekhovtsov, O.V. , Goulatis, I.L., Chronoes, A.	C-axis hopping conductivity in heavily Pr-doped YBCO single crystals (2013) Superconductor Science and Technology, 26 (8), статья № 085017, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880254240&doi=10.1088%2F0953-2048%2F26%2F8%2F085017&partnerID=40&md5=e8eb5a6aa0ad6c5843b3a4d35ba4d998
	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V. , Shurinov, R.V., Zetova, T.R.	Optical technique for the in situ study of orientation and structure changes accompanied the plastic deformation of polycrystalline specimens of aluminum (2011) Inorganic Materials, 47 (15), pp. 1663-1666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455165046&doi=10.1134%2FS002168511150039&partnerID=40&md5=69f9791da5c7782bdf6c71479183c4c1
	Badiyan, E.E., Tonkopryad, A.G., Shekhovtsov, O.V. , Shurinov, R.V., Dibrova, D.V.	New approach to grain boundaries detection in polycrystalline materials by scratching of sample's surface (2011) Functional Materials, 18 (4), pp. 534-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856722164&partnerID=40&md5=90385d6e8ee6f5ccec4686047ef52e69
	Badiyan, E.Yu., Tonkopryad, A.G., Shekhovtsov, O.V. , Shurinov, R.V.	Effect of detection of grain boundaries and twin boundaries as a result of the scratching on surface of polycrystalline sample by means of the sclerometry method (2011) Metallofizika i Noveishie Tekhnologii, 33 (10), pp. 1375-1382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856143183&partnerID=40&md5=a69cb376690e05dab75b72b6f331656c
	Badiyan, E.Yu., Tonkopryad, A.G., Shekhovtsov, O.V. , Shurinov, R.V.	Changes of orientations and development of cracks during plastic deformation of two-dimensional polycrystals of aluminium (2008) Metallofizika i Noveishie Tekhnologii, 30 (3), pp. 361-371.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49649124398&partnerID=40&md5=c1d65635e5e0489a5a16998dfde12fe
	Badiyan, E.E., Shekhovtsov, O.V.	On the nature of the low energy of special twist grain boundaries (2006) Physics of Metals and Metallography, 102 (2), pp. 181-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747882812&doi=10.1134%2FS0031918X06080096&partnerID=40&md5=5bcc2a0f5dbdc23ee6a3d234148ea2e
	Badiyan, Ye.Yu., Tonkopryad, A.G., Sakharova, N.O., Shekhovtsov, O.V. , Shurinov, R.V.	Atomic structure and energy of rigid boundaries of grains of F.C.C. crystals (2004) Metallofizika i Noveishie Tekhnologii, 26 (6), pp. 809-819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644272389&partnerID=40&md5=224021dc825dc1c2e10bc3c519b2020b
220	Titur, V., Shpachenko, O.	Reflection and refraction of laser radiation at interface between two uniaxial crystals (2012) Optical Memory and Neural Networks (Information Optics), 21 (3), pp. 177-185.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866922103&doi=10.3103%2FS1060992X12030058&partnerID=40&md5=55d6465c641b58e5fa81db1028c6c6b3
	Titur, V.P., Shpachenko, O.V.	Theoretical analysis of laser radiation transmission at interface between two quasi-crystalline layers of the retina (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2011, статья № 6145040, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857563449&doi=10.1109%2FLFNМ.2011.6145040&partnerID=40&md5=39ce41e382fe01e5e78f40befa701a7c
	Titur, V., Shpachenko, O.	Reflection of laser radiation from retina quasi-crystal layers: Model investigations (2010) Optical Memory and Neural Networks (Information Optics), 19 (1), pp. 39-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950638324&doi=10.3103%2FS1060992X10010066&partnerID=40&md5=bdb0cd62154b4a26aa1ebba6aa67ceda
	Titur, V.P., Shpachenko, O.V.	Reflection of laser radiation from retina quasi-crystal layers: Model investigations (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671982, pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849100792&doi=10.1109%2FCAOL.2008.4671982&partnerID=40&md5=4f065ea56d65f4b5180a96ac326d513
	Titur, V.P., Shpachenko, O.V. , Naboka, A.M.	A new approach to polarization hologram registration (2007) OPT 2007 - International Workshop Optoelectronic Physics and Technology, статья № 4298546, pp. 72-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46749119495&doi=10.1109%2FOPT.2007.4298546&partnerID=40&md5=27f2121a7025b07f43dca4ccf45332c1
	Titur, V.P., Shpachenko, O.V.	Computer simulation of visual processes in the framework of holographic model of physiological optics (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, статья № 4018238, pp. 191-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250809195&doi=10.1109%2FLFNМ.2006.252019&partnerID=40&md5=6585593c397ca1bd7f6a07768c7d64d1
	Titur, V.P., Shpachenko, O.V. , Yartsev, V.I.	Mobile holographic lidar (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, статья № 4018237, pp. 187-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250805567&doi=10.1109%2FLFNМ.2006.252018&partnerID=40&md5=e6b0ef6265da64a67ea5a60e9dea767b
	Titur, V.P., Shpachenko, O.V.	Haidinger's effect interpretation in the framework of holographic model of visual perception (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 2, статья № 1553975, p. 271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845495145&doi=10.1109%2FCAOL.2005.1553975&partnerID=40&md5=59121df06a2d889d3fadceda93d26273
	Titur, V.P., Shpachenko, O.V.	Cepstrum analysis in holographic information systems (2003) Proceedings of LFNМ 2003 - 5th International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 1246102, pp. 137-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946112088&doi=10.1109%2FLFNМ.2003.1246102&partnerID=40&md5=eccc02dbe0a63e1b49c8f795676d138c

	Titare, V.P., Shpachenko, O.V.	Coordinate-free holographic method for estimating the polarization characteristics of the reflected laser radiation (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (8-9), pp. 113-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751198727&partnerID=40&md5=a3f1cae981b4851f68d3830dce8b8d
	Titare, V.P., Shpachenko, O.V.	Holographic viscocontrastometry (2002) Proceedings of LFNМ 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 1014197, pp. 269-272.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961926940&doi=10.1109%2Flnfm.2002.1014197&partnerID=40&md5=fcb9942836b19eda0627bc07e53363e1
	Titare, V.P., Shpachenko, O.V.	Coordinate-free holographic method of determination of polarization characteristics of reflected laser radiation (2001) Proceedings of LFNМ 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 930240, pp. 177-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963846471&doi=10.1109%2Flnfm.2001.930240&partnerID=40&md5=17656ee1b5d61d9f56339f2525a296c
221	Poyda, A.V., Pojda, V.P., Bryukhovetsky, V.V., Milaya, D.E., Sukhov, R.V.	Partial melting and mechanisms of formation and development of fibrous structures during superplastic deformation alloy 6111 (2016) Problems of Atomic Science and Technology, 102 (2), pp. 107-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964270178&partnerID=40&md5=134db3749012a63c33981f6b9da58f14
	Kryshchal, A.P., Bogatyrenko, S.I., Sukhov, R.V. , Minenkov, A.A.	The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system (2014) Applied Physics A: Materials Science and Processing, 116 (4), pp. 1891-1896.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906313642&doi=10.1007%2Fs00339-014-8349-8&partnerID=40&md5=a1518646ee6eb67c36d903fbb1d82150
	Minenkov, A.A., Bogatyrenko, S.I., Sukhov, R.V. , Kryshchal, A.P.	Size dependence of the activation energy of diffusion in multilayer Cu-Ni films (2014) Physics of the Solid State, 56 (4), pp. 823-826.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898948643&doi=10.1134%2Fis1063783414040210&partnerID=40&md5=3da5b831c8b002f242c11e7a72ea6569
	Kryshchal, O.P., Bogatyrenko, S.I., Sukhov, R.V. , Minenkov, O.O., Taliashvili, A.I.	In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system (2014) Metallofizika i Noveishie Tekhnologii, 36 (1), pp. 31-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904798608&partnerID=40&md5=75a33ef2fa58e16ce3af6d71ad9e305
	Pojda, V.P., Mila, D.E., Poyda, A.V., Bryukhovetsky, V.V., Sukhov, R.V.	The influence of magnesium on phase transformations and structural changes performed during superplastic deformation of the alloy 01420T (2014) Problems of Atomic Science and Technology, 92 (4), pp. 139-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906078619&partnerID=40&md5=3714a344cd949d7c502033063673a6e2
	Poida, V.P., Pedun, D.E., Bryukhovetskiy, V.V., Poida, A.V., Sukhov, R.V. , Samsonik, A.L., Litvinenko, V.V.	Structural changes during superplastic deformation of high-strength alloy 1933 of the Al-Mg-Zn-Cu-Zr System (2013) Physics of Metals and Metallography, 114 (9), pp. 779-788.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893114010&doi=10.1134%2Fis0031918X13070090&partnerID=40&md5=f70bb7cc7cd412d27f7b5e35d989e11c
	Tkachenko, O., Rahim, A., Baraban, A., Sukhov, R. , Khristenko, I., Gushikem, Y., Kholin, Y.	Hybrid silica-organic material with immobilized amino groups: Surface probing and use for electrochemical determination of nitrite ions (2013) Journal of Sol-Gel Science and Technology, 67 (1), pp. 145-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881008919&doi=10.1007%2Fs10971-013-3060-3&partnerID=40&md5=39ca612e0af419d279aee80ba3c83a7
	Pedun, D.E., Pojda, V.P., Bryukhovetsky, V.V., Poyda, A.V., Sukhov, R.V.	Partial melting and high-temperature structural superplasticity of alloy AMg2M (2013) Problems of Atomic Science and Technology, 87 (5), pp. 147-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885830265&partnerID=40&md5=6cded2680a81b6ff56a6150afad436e3
	Kryshchal, A.P., Sukhov, R.V. , Minenkov, A.A.	Critical thickness of contact melting in the Au/Ge layered film system (2012) Journal of Alloys and Compounds, 512 (1), pp. 311-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80555122799&doi=10.1016%2Fj.jallcom.2011.09.086&partnerID=40&md5=28673060ee19fa012020b4bc08950b3d
	Kryshchal, A.P., Gladkikh, N.T., Sukhov, R.V.	Features of island nanostructures formed by melting Sn, Bi and Sn-Bi thin films on C substrates (2011) Applied Surface Science, 257 (17), pp. 7649-7652.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957508063&doi=10.1016%2Fj.apsusc.2011.04.001&partnerID=40&md5=abab152888274720fa0c3ab55dac46d8
	Gladkikh, N.T., Kryshchal, A.P., Sukhov, R.V.	Contact melting in layered film systems of the eutectic type (2010) Physics of the Solid State, 52 (3), pp. 633-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950484509&doi=10.1134%2Fis1063783410030273&partnerID=40&md5=855f1e142a48d5eba2c2987938ba70fc
	Gladkikh, N.T., Kryshchal, A.P., Sukhov, R.V. , Chepurnaya, L.N.	Variation of morphological structure of Sn, Bi and Sn-Bi condensed films on C-substrate during their melting * crystallization (2009) Problems of Atomic Science and Technology, (4), pp. 293-297.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865339142&partnerID=40&md5=ba51eb75318405551c6e1c112a05c08e
222	Badiyan, E.E., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V.	Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride (2016) Problems of Atomic Science and Technology, 102 (2), pp. 92-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964282729&partnerID=40&md5=d5f4165b5f319f50fa5553f09592038b
	Badiyan, E.E., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V., Zetova, T.R.	Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) Functional Materials, 23 (4), pp. 561-569.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008192072&doi=10.15407%2Ffm23.04.387&partnerID=40&md5=52b7e2851cfd39984942a2e4fb8f136d
	Badiyan, E.E., Tonkopyryad, A.G. , Zetova, T.R., Shurinov, R.V., Talakh, S.V., Dergacheva, A.V.	Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation (2016) Problems of Atomic Science and Technology, 101 (1), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958582524&partnerID=40&md5=32870d1a25c757501337003bc29d722b
	Badiyan, E.Yu., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V.	Plastic rotations in polycrystalline aluminum foils (2015) Metallofizika i Noveishie Tekhnologii, 37 (7), pp. 951-960.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945959584&partnerID=40&md5=4d1254fb7537ac7f32f0e81ae3fd0643
	Badiyan, E.E., Shurinov, R.V., Tonkopyryad, A.G. , Zetova, T.R., Shekhovtsov, O.V., Kazachkova, K.S.	Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) Functional Materials, 22 (3), pp. 396-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944599709&doi=10.15407%2Ffm22.03.396&partnerID=40&md5=13f9cea0e4f30e0e5b0c087160e3e5ee
	Badiyan, E.E., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V., Zetova, T.R., Kazachkova, K.S.	Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) Functional Materials, 21 (3), pp. 307-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907576385&partnerID=40&md5=4d48d90ea579eaaf6e544ff0d0f9973e
	Badiyan, E.E., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V., Zetova, T.R.	Optical technique for the in situ study of orientation and structure changes accompanied the plastic deformation of polycrystalline specimens of aluminum (2011) Inorganic Materials, 47 (15), pp. 1663-1666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8345165046&doi=10.1134%2Fis0002016851110039&partnerID=40&md5=69f9791da5c7782bdf6c71479183c4c1
	Badiyan, E.E., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V., Dibrova, D.V.	New approach to grain boundaries detection in polycrystalline materials by scratching of sample's surface (2011) Functional Materials, 18 (4), pp. 534-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856722164&partnerID=40&md5=90385d6e8ee65cecc46860472ef52e69
	Badiyan, E.Yu., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V.	Effect of detection of grain boundaries and twin boundaries as a result of the scratching on surface of polycrystalline sample by means of the sclerometry method (2011) Metallofizika i Noveishie Tekhnologii, 33 (10), pp. 1375-1382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856143183&partnerID=40&md5=a69cb376690e05dab75b72b6f331656c
	Badiyan, E.Yu., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V., Gritsenko, V.I.	Influence of titanium nitride coating hardening on plastic deformation development and mechanical properties of two-dimensional aluminium polycrystals (2010) Metallofizika i Noveishie Tekhnologii, 32 (6), pp. 775-784.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957885218&partnerID=40&md5=e2f6546e89de661a4ecd3922ad336f0
	Badiyan, E.Yu., Tonkopyryad, A.G. , Shekhovtsov, O.V., Shurinov, R.V.	Changes of orientations and development of cracks during plastic deformation of two-dimensional polycrystals of aluminium (2008) Metallofizika i Noveishie Tekhnologii, 30 (3), pp. 361-371.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49649124398&partnerID=40&md5=c1d65635e50e489a5a16998dfde12fe
	Badiyan, Ye.Yu., Tonkopyryad, A.G. , Sakharova, N.O., Shekhovtsov, O.V., Shurinov, R.V.	Atomic structure and energy of rigid boundaries of grains of F.C.C. crystals (2004) Metallofizika i Noveishie Tekhnologii, 26 (6), pp. 809-819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644272389&partnerID=40&md5=224021d825dc1c2e10bc3c519b2020b
223	Levchenko, A.N., Starikov, A.I., Bezukrovaya, O.N., Pritula, I.M., Krapivin, I.S., Tyutyunnik, V.B.	Electrical properties of SiO2-based nanoporous materials containing organic dyes (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 7851398, pp. 120-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015323989&doi=10.1109%2FicAOL.2016.7851398&partnerID=40&md5=e5b0f6bb9d5526b4276ca58706b8b77d
	Levchenko, A.N., Pritula, I.M., Tyutyunnik, V.B. , Penkina, A.O., Kosinova, A.V., Kolybayeva, M.I.	Crystal growth sector effect on dielectric properties of carbamide doped KDP crystals (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657645, pp. 381-383.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893724879&doi=10.1109%2FicAOL.2013.6657645&partnerID=40&md5=48c3761c03ff7aa66fd00e326f3c4e59

	Levchenko, A.N., Pritula, I.M., Tyutyunnik, V.B. , Gavrik, A.P., Nikolov, O.T.	Gamma-ray-induced decrease of L-defect concentration in KDP single crystals (2011) Functional Materials, 18 (2), pp. 216-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051953181&partnerID=40&md5=2ef348f18c1005968d70be7d246b3f7
	Levchenko, A.N., Pritula, I.M., Kosinova, A.V., Kolybayeva, M.I., Tyutyunnik, V.B. , Krivtsov, A.V., Starikov, A.I., Gavrik, A.P.	Electrical dc conductivity and laser damage threshold of pure and urea-doped KDP single crystals (2010) Proceedings - 10th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2010, статья № 5624222, pp. 136-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888355772&doi=10.1109%2Flnfm.2010.5624222&partnerID=40&md5=1976d77033c36173be46a1d3b6ff93f6
	Levchenko, A.N., Tyutyunnik, V.B. , Pritula, I.M., Kosinova, A.V., Shekhovtsov, A.N., Babarika, A.L., Govina, K.O., Babarika, L.I., Chizhov, V.V., Nikolov, O.T., Kosmyna, M.B.	Microwave dielectric properties of some laser crystals (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671917, pp. 413-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849108628&doi=10.1109%2Fcaol.2008.4671917&partnerID=40&md5=70909e4099522d13c1a22eb2883bd6d9
	Levchenko, A.N., Gavrik, A.P., Pritula, I.M., Strizhenko, A.A., Tyutyunnik, V.B. , Nikolov, O.T., Velikhov, Y.N.	Investigation of electrical conductivity of KH2PO4 single crystals (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2006, статья № 4018257, pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250850382&doi=10.1109%2Flnfm.2006.2520388&partnerID=40&md5=ccc724c0fc04791b5ca17e446406bc8
	Levchenko, A.N., Pritula, I.M., Velikhov, Y.N., Doroshenko, A.O., Ivanova, E.V., Tyutyunnik, V.B. , Puzikov, V.M.	Anisotropy of optical properties of KDP single crystals with organic dye (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, статья № 1553827, pp. 94-97.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483871&doi=10.1109%2Fcaol.2005.1553827&partnerID=40&md5=c15005d372ec123a22609e0bc18a0b3
	Levchenko, A.N., Velikhov, Y.N., Pritula, I.M., Doroshenko, A.O., Tyutyunnik, V.B. , Sopin, A.A., Nikolov, O.T.	Optical absorption and luminescence in KDP:Xo dye inclusion crystals (2004) Proceedings of LFNM 2004 - 6th International Conference on Laser and Fiber-Optical Networks Modeling, pp. 76-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2124498223&partnerID=40&md5=0a4dc6135e20d66328988ebb8d35a76
	Kirichenko, V.I., Tkachenko, V.M., Tyutyunnik, V.B.	INFLUENCE OF DIMENSIONS, CATHODE MATERIAL, AND GAS ON THE OPTIMUM PRESSURE FOR A CYLINDRICAL, HOLLOW-CATHODE GLOW DISCHARGE. (1976) Sov Phys Tech Phys, 21 (9), pp. 1080-1086.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016999808&partnerID=40&md5=02530417fc885f63289922824ca68101
	Tkachenko, V.M., Tyutyunnik, V.B.	PLASMA PROPERTIES IN A HELIUM DISCHARGE WITH A HOLLOW CYLINDRICAL CATHODE. (1976) Sov Phys Tech Phys, 21 (7), pp. 825-830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016975283&partnerID=40&md5=9f9695b3ac7f2814a1714bbfa4ebbb0
	Tyutyunnik, V.B. , Tkachenko, V.M.	PLASMA PHASE SHIFTER IN THE 8-mm BAND WITH A CYLINDRICAL HOLLOW CATHODE. (1972) Radio Eng Electron Phys, 17 (5), pp. 857-859.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015342924&partnerID=40&md5=5f2c12f41aa38dee6572cbbdb2aba97
	Tkachenko, V.M., Tyutyunnik, V.B.	On the problem of the role played by photoemission in the mechanism of a discharge with a hollow cathode (1972) Radiophysics and Quantum Electronics, 15 (4), pp. 477-479.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250413264&doi=10.1007%2Fbf02210742&partnerID=40&md5=74c5a3057c3ebdf47d8cb659e5c5819
224	Karpenko, I., Vishnyakova, A.	On sufficient conditions for a polynomial to be sign-independently hyperbolic or to have real separated zeros (2017) Mathematical Inequalities and Applications, 20 (1), pp. 237-245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014724231&doi=10.7153%2Fmia-20-18&partnerID=40&md5=ddb772dedf4247f382e88e937ac7501
	Bohdanov, A., Vishnyakova, A.	On the conditions for entire functions related to the partial theta function to belong to the Laguerre-Pólya class (2016) Journal of Mathematical Analysis and Applications, 434 (2), pp. 1740-1752.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946430510&doi=10.1016%2Fj.jmaa.2015.09.084&partnerID=40&md5=9c31ab3d301eab3d57458c7860a0b1f6
	Katkova, O., Vishnyakova, A.	The cone of nonnegative polynomials with nonnegative coefficients and linear operators preserving this cone (2014) Central European Journal of Mathematics, 12 (5), pp. 752-760.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893948466&doi=10.2478%2Fz.11533-013-0380-z&partnerID=40&md5=c54ead3094599f3ce901479d2f975b89
	Csordas, G., Vishnyakova, A.	The generalized Laguerre inequalities and functions in the Laguerre-Pólya class (2013) Central European Journal of Mathematics, 11 (9), pp. 1643-1650.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879703746&doi=10.2478%2Fz.11533-013-0269-x&partnerID=40&md5=9d7a53c106ee2b883a67595bead690cf
	Katkova, O., Shapiro, B., Vishnyakova, A.	Multiplier sequences and logarithmic mesh [Multipliqueurs et mailles logarithmiques] (2011) Comptes Rendus Mathematique, 349 (1-2), pp. 35-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651324942&doi=10.1016%2Fj.crma.2010.11.031&partnerID=40&md5=0d885dbe3aca9436d8d8b26d5fc6d5bf
	Katkova, O.M., Vishnyakova, A.M.	A remark about positive polynomials (2010) Mathematical Inequalities and Applications, 13 (4), pp. 753-759.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149309042&partnerID=40&md5=c8cbcb8192dd2f60b81fac5e278825db
	Katkova, O.M., Vishnyakova, A.M.	Linear operators preserving the set of positive (nonnegative) polynomials (2009) Lecture Notes in Control and Information Sciences, 389, pp. 83-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882939412&doi=10.1007%2F978-3-642-02894-6_8&partnerID=40&md5=42bfe3e07d943a5344b14a442e3bc2c8
	Katkova, O.M., Vishnyakova, A.M.	A sufficient condition for a polynomial to be stable (2008) Journal of Mathematical Analysis and Applications, 347 (1), pp. 81-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46449093893&doi=10.1016%2Fj.jmaa.2008.05.079&partnerID=40&md5=da9cf86aca79db1e990bf3587161ee
	Katkova, O.M., Vishnyakova, A.M.	On sufficient conditions for the total positivity and for the multiple positivity of matrices (2006) Linear Algebra and Its Applications, 416 (2-3), pp. 1083-1097.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646906913&doi=10.1016%2Fj.laa.2006.01.009&partnerID=40&md5=a2d43f0b0ca67df7c2db90297f5c11a8
	Katkova, O.M., Vishnyakova, A.M.	A continual analogue of a theorem by M. Fekete and G. Pólya (2001) Positivity, 5 (1), pp. 1-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039246721&doi=10.1023%2FA93a1009847605313&partnerID=40&md5=2e880f8d4ced80af014ffc6bd6948b0f
	Behrends, E., Katkova, O., Vishnyakova, A.	A note on lp-norms (2001) Archiv der Mathematik, 76 (1), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035798803&doi=10.1007%2Fs000130050543&partnerID=40&md5=96ac8506581b4cfb1d5e47b19bdf4a49
	Vishnyakova, A.M.	Growth of entire ridge functions with restrictions on the arguments of zeros (1991) Ukrainian Mathematical Journal, 43 (6), pp. 677-683.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249916889&doi=10.1007%2Fbf01058934&partnerID=40&md5=46532fe0568093bb40dcb74669bba09
225	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G., Efimenko, M.N. , Perepechay, M.P., MacAdam, K.B.	Laser-microwave spectroscopy of Au I atoms in F Rydberg state (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, статья № 5634190, pp. 255-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650350207&doi=10.1109%2Fcaol.2010.5634190&partnerID=40&md5=dfbe122231fb386e6db9a08ccdb7d8a
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G., Efimenko, M.N. , Perepechay, M.P., MacAdam, K.B.	Laser-microwave spectroscopy of CU I atoms in S rydberg state (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671875, pp. 334-336.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849106828&doi=10.1109%2Fcaol.2008.4671875&partnerID=40&md5=c65ff9dd4639e1d60fbcb735b944202
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G., Efimenko, M.N. , Perepechay, M.P.	Laser-microwave spectrometer for investigation of Cu and Ag atoms in Rydberg states (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, статья № 4294834, pp. 845-847.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249092387&doi=10.1109%2Fmsmw.2007.4294834&partnerID=40&md5=2c4e67488c04d43d86d77f1f0146fc7
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G., Efimenko, M.N. , MacAdam, K.B.	Laser-microwave spectroscopy of Au atoms Rydberg states (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 1, статья № 1553844, pp. 150-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845483870&doi=10.1109%2Fcaol.2005.1553844&partnerID=40&md5=d3e9d4fb139b6b0011840108ef7d9af5
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G., Efimenko, M.N. , MacAdam, K.B., Ilynskin, V., Alekseev, E.	Laser-microwave spectrometer for investigation of Al and Au atoms in rydberg states (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 155-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344263701&partnerID=40&md5=18c13d5dfedd741c7267833ae29353e3
	Dyubko, S.F., Efremov, V.A., Gerasimov, V.G., Efimenko, M.N. , MacAdam, K.B.	Laser-microwave spectrometer for investigation of Al atom Rydberg states (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, статья № 1250530, pp. 131-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945130312&doi=10.1109%2Fcaol.2003.1250530&partnerID=40&md5=28e30207784d1f7105ce993eb26114d6
	Baskakov, O.I., Dyubko, S.F., Ilyushin, V.V., Efimenko, M.N. , Efremov, V.A., Podnos, S.V., Alekseev, E.A.	Microwave spectroscopy of vinyl cyanide, taking into account the hyperfine structure (1996) Journal of Molecular Spectroscopy, 179 (1), pp. 94-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002592261&doi=10.1006%2Fjmsp.1996.0188&partnerID=40&md5=49a2fe0aa2dbc5e591bf11f11be0529e

	Dyubko, S.F., Efimenko, M.N. , Efremov, V.A., Podnos, S.V.	Quantum defect and fine structure of terms of rydberg na i atoms in s, p, and d states (1995) Quantum Electronics, 25 (9), pp. 914-918.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3375128767&doi=10.1070%2fQE1995v025n09ABEH000501&partnerID=40&md5=a763cf410da32714a247bc09e67cb33
	Dyubko, S., Efimenko, M. , Efremov, V., Podnos, S.	Microwave spectroscopy of S, P, and D states of sodium Rydberg atoms (1995) Physical Review A, 52 (1), pp. 514-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243864547&doi=10.1103/revA.52.514&partnerID=40&md5=e828275110124cf4ccea24fba74af3e6
	Gerasimov, V.G., Dyubko, S.F., Efimenko, M.N. , Efimenko, V.M., Efremov, V.A.	Spectrum of superradiation of calcium atoms, excited by a dye laser (1990) Journal of Applied Spectroscopy, 52 (4), pp. 340-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249959237&doi=10.1007%2fBF00660523&partnerID=40&md5=99cf3bda1c279c754575c873c22b990d
	Baskakov, O.I., Polevoi, B.I., Sukhno, O.I., Shevryev, A.S., Efimenko, M.N. , Dyubko, S.F.	The submillimeter rotational spectrum of CD3Cl (1986) Journal of Applied Spectroscopy, 44 (3), pp. 258-262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022675156&doi=10.1007%2fBF00662058&partnerID=40&md5=d3304b8934cdf0385cdcb225d63bc477
226	Bizyukov, A.A., Girka, O.I., Kashaba, A.Y. , Romashchenko, E.V., Sereda, K.N., Chibisov, A.D.	Phase states of macroparticles under interaction of keV ion beam with dusty plasma (2010) Problems of Atomic Science and Technology, (6), pp. 147-149.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650595301&partnerID=40&md5=3d42a59f6c72d02487ad2b67810e1eb1
	Abolmasov, S.N., Bizyukov, A.A., Kawai, Y., Kashaba, A.Y. , Maslov, V.I., Sereda, K.N.	Low-energy penning ionization gauge type ion source assisted by RF magnetron discharge (2002) Japanese Journal of Applied Physics, Part 1: Regular Papers and Short Notes and Review Papers, 41 (8), pp. 5415-5418.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036698044&partnerID=40&md5=2ff3c1a2af01cb2d647e8ddd01b33ea1
	Bizyukov, A.A., Kashaba, A.Y. , Sereda, K.N.	Longitudinal ion source with beam autocompensation (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220164, pp. 276-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864549267&partnerID=40&md5=3f3a9a90b25b4d006f727aa6e066d275
	Bizyukov, A.A., Bobkov, V.I., Kashaba, A.Y. , Sereda, K.N.	Improvement of current efficiency of ion sources based on Penning discharge (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220163, pp. 272-275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864529974&partnerID=40&md5=11d5fe8b03f9e41e3cd077a9f4fbc9f
	Bizyukov, A.A., Kashaba, A.Y. , Maslov, V.I., Sereda, K.N., Sereda, N.D., Tarasov, I.K., Abolmasov, S.N.	Ion beam formation in the field of double layer stabilized by spatial reversal of magnetic field (2000) Plasma Devices and Operations, 8 (3), pp. 147-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034458975&partnerID=40&md5=7ed20790862776bc6dfff0d2840b193c
	Bizyukov, A.A., Kashaba, A.Y. , Sereda, K.N.	Secondary emissive double layer in beam-plasma system (1999) IEEE Transactions on Plasma Science, 27 (1), pp. 159-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032633641&doi=10.1109/2f27.763106&partnerID=40&md5=ba97f47f9a7b95f62519463dd41bc527
	Bizyukov, A.A., Kashaba, A.Y. , Sereda, K.N.	Gas-discharge neutralizer for ion-beam system (1997) Review of Scientific Instruments, 68 (12), pp. 4415-4417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031375237&partnerID=40&md5=7bf8d56aba45d4c360474e8c7d4a954
	Bizioukov, A.A., Kashaba, A.Y. , Sereda, K.N., Tselyuk, A.Ph., Yunakov, N.N.	Multichannel source of synthesized ion-electron flow (1996) Review of Scientific Instruments, 67 (12), pp. 4117-4119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5944231287&partnerID=40&md5=dba645f384d011cbb032db55ee3474
	Bizioukov, A.A., Kashaba, A.Y.	Structure of ionization zone in crossed-field discharge (1996) IEEE International Conference on Plasma Science, p. 160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029722917&partnerID=40&md5=b4ac718b93751ff095a1ea2e079c3ce
	Bizioukov, A.A., Kashaba, A.Y. , Sereda, K.N.	Virtual anode in Hall source of ions (1996) IEEE International Conference on Plasma Science, pp. 159-160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029725054&partnerID=40&md5=ed40c3a2a95d3218979c69a3a92be
	Bizioukov, A.A., Kashaba, A.Y. , Yunakov, N.N.	Investigation of cathode layer in the discharge with oscillating electrons (1996) IEEE International Conference on Plasma Science, p. 159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029725055&partnerID=40&md5=777fe3b0f2819d204d5456ab1c92728f
227	Kobyakov, V.A. , Patochkina, O.L., Gritsyna, V.T.	Infrared spectroscopy studies of magnesium aluminates spinel crystals (2013) Solid State Phenomena, 200, pp. 209-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876533579&doi=10.4028%2fwww.scientific.net%2fISSP.200.209&partnerID=40&md5=5479c849e326678d766a557f463926cb
	Kobyakov, V.A. , Patochkina, O.L., Gritsyna, V.T.	Infrared spectroscopy studies of magnesium aluminates spinel crystals (2012) International Conference on Oxide Materials for Electronic Engineering, OMEE 2012, статья № 6464808, pp. 155-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881651485&doi=10.1109%2fOMEE.2012.6464808&partnerID=40&md5=6e230f0e8720e74d07b316edbf7f390a3
	Gritsyna, V.T., Kazarinov, Yu.G., Kobyakov, V.A. , Reimanis, I.E.	Radiation-induced luminescence in magnesium aluminate spinel crystals and ceramics (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 250 (1-2 SPEC. ISS.), pp. 342-348.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746291273&doi=10.1016%2fj.nimb.2006.04.135&partnerID=40&md5=84d1abec93c4cf3ba084576766a362
	Gritsyna, V.T., Kazarinov, Yu.G., Kobyakov, V.A. , Sickafus	X-ray luminescence of defects in spinel single crystals (2004) Journal of Applied Spectroscopy, 71 (3), pp. 395-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4444321442&doi=10.1023%2fB%3aJAPS.0000039967.60903.09&partnerID=40&md5=77dae389f7f8093649ee094faec38767
	Gritsyna, V.T., Kazarinov, Y.G., Kobyakov, V.A. , Sickafus, K.E.	The origin of radiation resistance of magnesium aluminate spinel (2003) Materials Research Society Symposium - Proceedings, 792, pp. 117-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442455660&partnerID=40&md5=9985630b010ad9cc4ac2d3181d306f2f
	Gritsyna, V.T., Kazarinov, Yu.G., Kobyakov, V.A. , Sickafus, K.E.	Defects and radiation induced electronic processes in magnesium aluminate spinel of different compositions (2002) Radiation Effects and Defects in Solids, 157 (6-12), pp. 659-663.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342636471&doi=10.1080%2f10420150215784&partnerID=40&md5=a8e8416a31f3fcbdbd42472a178e5853
	Gritsyna, V.T., Afanasyev-Charkin, I.V., Kobyakov, V.A. , Sickafus, K.E.	Neutron irradiation effects in magnesium-aluminate spinel doped with transition metals (2000) Journal of Nuclear Materials, 283-287 (PART II), pp. 927-931.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2342513532&partnerID=40&md5=dca4a98ca14b946ae0e353b666b53ae
	Gritsyna, V.T., Afanasyev-Charkin, I.V., Kobyakov, V.A. , Voitsenya, T.I., Sickafus, K.E.	Charge carrier rearrangement in spinel crystals irradiated at low temperatures (2000) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 166, pp. 244-249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033728678&doi=10.1016%2fS0168-583X%2899%2900660-6&partnerID=40&md5=6b4459edcdd3840f73869fcb2fd56905
	Gritsyna, V.T., Afanasyev-Charkin, I.V., Kobyakov, V.A. , Sickafus, K.E.	Structure and electronic states of defects in spinel of different compositions MgO-nAl2O3:Me (1999) Journal of the American Ceramic Society, 82 (12), pp. 3365-3373.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033333983&partnerID=40&md5=a4152a9e1342a6646e118e7cde1579f
	Gritsyna, V.T., Kobyakov, V.A. , Litvinov, L.A.	Spectroscopic features of iron-doped magnesium-aluminum spinel crystals (1986) Journal of Applied Spectroscopy, 45 (2), pp. 837-840.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022767536&doi=10.1007%2fBF00657468&partnerID=40&md5=91a1437b6993a322e6c73845c142f625
	Bazilevskaya, T.A., Gritsyna, V.T., Gritsenko, N.V., Kobyakov, V.A.	Spatial distribution of chromium and manganese ions in a spinel lattice (1983) Journal of Applied Spectroscopy, 39 (1), pp. 818-821.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020780027&doi=10.1007%2fBF00662829&partnerID=40&md5=1eb9d5ca315483dc6ea06ac41795e850
228	Litvinov, V.A., Okseniuk, I.I., Shevchenko, D.I., Koppe, V.T. , Bobkov, V.V., Chornous, V.M.	Sims study of the surface of TiFe hydride forming alloy (2017) Ukrainian Journal of Physics, 62 (3), pp. 195-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019162992&doi=10.15407%2fujp.62.03.0195&partnerID=40&md5=c6721bf427dd6503ebff727c3d4744ec
	Okseniuk, I.I., Litvinov, V.A., Koppe, V.T. , Shevchenko, D.I., Bobkov, V.V.	The study of surface of alloys for hydrogen storage by SIMS (2015) YSF 2015 - International Young Scientists Forum on Applied Physics, статья № 7333250, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962507339&doi=10.1109%2fYSF.2015.7333250&partnerID=40&md5=3c4bb45798eb5c92b0a5ea1389c21d54
	Litvinov, V.A., Koppe, V.T. , Shevchenko, D.I., Okseniuk, I.I., Bobkov, V.V.	SIMS investigation of the processes of gas release from zirconium-based getter alloy (2014) Bulletin of the Russian Academy of Sciences: Physics, 78 (6), pp. 526-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905577539&doi=10.3103%2fS1062873814060173&partnerID=40&md5=e57cce1cc6a897fbbf99ba7a5930be2e
	Litvinov, V.A., Koppe, V.T. , Bobkov, V.V.	SIMS investigations of hydrogen interaction with a zirconium getter alloy surface (2012) Bulletin of the Russian Academy of Sciences: Physics, 76 (5), pp. 553-557.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863707655&doi=10.3103%2fS1062873812050152&partnerID=40&md5=cc674265440e39cde2f57be29a9c131
	Litvinov, V.A., Koppe, V.T. , Logachev, Y.E., Bobkov, V.V.	SIMS investigation of the influence of ultraviolet irradiation on amino acids (2010) Bulletin of the Russian Academy of Sciences: Physics, 74 (2), pp. 183-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950382986&doi=10.3103%2fS1062873810020188&partnerID=40&md5=e378d651c5d8fba74b75dcab5108a5fd

	Meľnikov, V.N., Litvinov, V.A., Koppe, V.T. , Bobkov, V.V.	Secondary ion mass spectrometry of organic materials with the use of a glycerol matrix (2009) Russian Journal of Physical Chemistry A, 83 (6), pp. 979-983.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-66149164347&doi=10.1134%2FIS0036024409060193&partnerID=40&md5=5032418fa67b2f769072a819c26e0c5
	Melnikov, V.N., Litvinov, V.A., Koppe, V.T. , Bobkov, V.V.	SIMS study of the processes in buffer solutions of bioorganic systems (2008) Bulletin of the Russian Academy of Sciences: Physics, 72 (7), pp. 929-933.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50349103003&doi=10.3103%2FIS1062873808070137&partnerID=40&md5=30f0ef6db00a092705904662990de58b
	Meľnykov, V.N., Koppe, V.T. , Shekhurin, V.V., Koval, A.G.	Some peculiarities of energy distributions of secondary ions sputtered from tungsten surface (2004) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (12), pp. 79-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13644263987&partnerID=40&md5=f696a128b54c913ccab01dd81fb48276
	Kiyan, T.S., Koppe, V.T. , Slyusarenko, T.M., Koval, A.G.	Scattering of Excited Atoms Due to Ion Bombardment of Metals (2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 95 (2), pp. 176-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142149171&doi=10.1134%2FIS1604422&partnerID=40&md5=2a212ce6c2a8e189e300ed393381cfac
	Gritsina, V.V., Koval, A.G., Koppe, V.T. , Gokov, S.P.	Emission of excited particles ejected from the surface of a copper target during ion bombardment (1995) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 78 (2), pp. 187-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029255959&partnerID=40&md5=c6cb08de73f035c825ab629393fd7821
	Koval, A.G., Logachev, Yu.Ye., Koppe, V.T.	INVESTIGATION OF ION-PHOTON EMISSION PROCESSES OF A**1**IB**V SEMICONDUCTOR COMPOUNDS. (1986) Soviet journal of communications technology & electronics, 31 (10), pp. 138-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022802967&partnerID=40&md5=e9cad063dc8cedebca1a462d62a6658e
229	Yatsuk, L.P., Lyakhovsky, A.F., Katrich, V.A., Lyakhovsky, A.A.	Waveguide-slot coupling element partially filled with dielectric (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538049, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988038607&doi=10.1109%2FMSMW.2016.7538049&partnerID=40&md5=2601d4f407f006c0c4c73fa649f3a33c
	Lyakhovsky, A.A. , Lyakhovsky, A.F.	The influence of air gaps at slowdown of main LM-mode in a waveguide with multilayer dielectric filling (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136824, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939428482&doi=10.1109%2FICATT.2015.7136824&partnerID=40&md5=ab6414e0978804e672a7d991d4579db3
	Yatsuk, L.P., Lyakhovsky, A.A.	The limits of applicability of the modified basis induced magnetomotive forces in the scattering problem at longitudinal slot in a waveguide (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676458, pp. 463-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049153781&doi=10.1109%2FCRMICO.2008.4676458&partnerID=40&md5=e7f427927523c1f310329c49d4940221
	Yatsuk, L., Lyakhovsky, A.A. , Blinova, N., Lyakhovsky, A.F.	Physical properties of narrow slots in a rectangular waveguide with dielectric layer (2008) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, статья № 4580978, pp. 311-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749088313&doi=10.1109%2FMMET.2008.4580978&partnerID=40&md5=535ec9d4348e27028cca45b3b06c757e
	Blinova, N.K., Lyakhovsky, A.A. , Yatsuk, L.P.	Resonance properties and energetic parameters of transverse slots in a waveguide with a dielectric layer (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, статья № 4294779, pp. 690-692.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249121315&doi=10.1109%2FMSMW.2007.4294779&partnerID=40&md5=eec2c6b5607beed2ec19e59f6b1a3404
	Blinova, N.K., Lyakhovsky, A.A. , Yatsuk, L.P.	Electrodynamics characteristics of the transversal slot radiator in a rectangular waveguide with a layered dielectric filling (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425134, pp. 131-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849127421&doi=10.1109%2FICATT.2007.4425134&partnerID=40&md5=0c878a58c39735cf3066eca5631c4239
	Blinova, N.K., Lyakhovsky, A.A. , Yatsuk, L.P.	Multielement systems of slots in waveguides with partial dielectric filling (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 4099270, pp. 229-231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249105692&doi=10.1109%2FUWBUSIS.2006.307212&partnerID=40&md5=696898fd5c0e1534bfe87d4c69fa3dc7
	Yatsuk, L.P., Zhironkin, Yu.V., Komyachko, A.A., Lyakhovsky, A.A.	Far roots of dispersion equations for LE- and LM-waves (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 1, pp. 323-325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14344258063&partnerID=40&md5=f894f0a4b922a3cc9b46e52a88721ecd
	Blinova, N.K., Lyakhovsky, A.A. , Yatsuk, L.P., Katrich, V.A.	Waveguide-slot antenna with longitudinal dielectric slab retarding system (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, pp. 354-355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644366958&partnerID=40&md5=03e99e963b97660b67fe9f506474fa4c
	Blinova, N.K., Lyakhovsky, A.A. , Yatsuk, L.P., Katrich, V.A.	The influence of dielectric layer in waveguide on the characteristics of multi-slot antenna (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 257-258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644377927&partnerID=40&md5=40d2562c167dbc83dc4448d3667e89ec
	Lyakhovsky, A.A. , Blinova, N.K., Katrich, V.A., Lyakhovsky, A.F., Yatsuk, L.P.	Multi-slot systems on the base of waveguides with partial dielectric filling (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW'04, 2, pp. 644-646.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544281064&partnerID=40&md5=acf880cebaab4f14914006adee975fc9
230	Moskvitina, Y.K. , Zaginaylov, G.I., Tkachenko, V.I.	Effect of background plasma on electromagnetic properties of coaxial gyrotron cavity (2014) Technical Physics, 59 (7), pp. 1065-1071.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904514472&doi=10.1134%2FIS1063784214070214&partnerID=40&md5=4918ab884a329cbd2d7d7659bd93cbd3
	Moskvitin, A.O., Moskvitina, Y.K. , Shyshkin, O.A., Yavorskij, V.O., Schoepf, K.	Energy and particle fluxes in presence of RMP in axisymmetric 2D tokamak plasmas (2013) Problems of Atomic Science and Technology, (1), pp. 36-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876346607&partnerID=40&md5=ea5984aa5d69a6cd07523610961b4843
	Moskvitina, Y.K. , Moskvitin, A.O., Shyshkin, O.A., Yavorskij, V.O., Schoepf, K.	The effect of externally applied resonant magnetic perturbations on fusion product dynamics in toroidal plasmas: Numerical simulation (2013) Journal of Fusion Energy, 32 (2), pp. 247-253.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878550692&doi=10.1007%2Fs10894-012-9557-x&partnerID=40&md5=9eb5fe03e96cf4fcd1819906a2be0493
	Moskvitina, Y.K. , Zaginaylov, G.I., Tkachenko, V.I.	The effect of low-density background plasma on frequency and energy characteristics of coaxial gyrotron cavity (2012) Problems of Atomic Science and Technology, (6), pp. 31-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871736330&partnerID=40&md5=b476e9d67ecf10146af8e27ed4bcd4de
	Moskvitin, A.O., Yavorskij, V.O., Goloborod'ko, V.Y., Moskvitina, Y.K. , Shyshkin, O.A.	Energy and pitch-angle distribution of the prompt losses in tokamak with non-circular cross-section (2012) Problems of Atomic Science and Technology, (6), pp. 28-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871780914&partnerID=40&md5=d98d68040556cde0188c550a1ae63386
	Moskvitina, Y.K. , Yavorskij, V.O., Schoepf, K.	Fokker-planck equation for trapped particles in Tokamak with toroidal field ripples (2010) Problems of Atomic Science and Technology, (4), pp. 100-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149486971&partnerID=40&md5=7f015b1a3cle966cb1bef23151cd7359
	Yavorskij, V., Moskvitin, A., Moskvitina, Yu. , Goloborod'ko, V., Schoepf, K.	3D Fokker-Planck description of TF ripple induced collisional transport of fast ions in tokamaks (2010) Nuclear Fusion, 50 (8), статья № 084022, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149351120&doi=10.1088%2F0029-5515%2F50%2F8%2F084022&partnerID=40&md5=54ac77daf712cb6f92164e363791bf4e
	Moskvitina, Y.K. , Shishkin, A.A.	Effect of the resonance phenomena on high energetic particle losses in closed magnetic trap with the rotational transform of the magnetic field (2008) Problems of Atomic Science and Technology, (6), pp. 19-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549262388&partnerID=40&md5=037240a3b3e54f9c11fdecacbff34e7
	Moskvitina, Yu.K. , Shishkin, A.A.	Resonant interaction between fusion products and magnetic field perturbations in toroidal magnetic trap with the rotational transform (2008) Problems of Atomic Science and Technology, (4), pp. 104-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549248157&partnerID=40&md5=98d394c725ff69337923a1d8486c44e0
	Shishkin, A., Motojima, O., Sagara, A., Moskvitina, Yu. , Eremin, O., Miyazawa, J.-I., Masuzaki, S., Yamada, H., Mitarai, O., Morisaki, T., Ohya, N.	Control of α -particle confinement in the helical device for fusion with "magnetic axis sweeping" (2008) Problems of Atomic Science and Technology, (4), pp. 109-113.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549285276&partnerID=40&md5=09d5245d1b4178994f3cf0ffc2110327

	Shishkin, A.A., Motojima, O., Sudo, S., Eremin, A.V., Moskvitin, A.A., Moskvitina, Yu.K.	Dynamics of D + D fusion products in LHD geometry (2006) Fusion Engineering and Design, 81 (23-24), pp. 2733-2736.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846029486&doi=10.1016%2Fj.fusengdes.2006.07.047&partnerID=40&md5=cad4637a563b8d0b1018076a7c51cc32
231	Nesvit, K.V.	Discrete Mathematical Model of the Problem of Diffraction for E -Polarized Waves on Slots in the Impedance Plane (2016) Journal of Mathematical Sciences (United States), 212 (2), pp. 142-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958777662&doi=10.1007%2F10958-015-2655-3&partnerID=40&md5=d8fd299d861af1ab62e5611ffcf6a3
	Demenko, V., Linetskiy, I., Nesvit, K. , Hubalkova, H., Nesvit, V., Shevchenko, A.	Importance of diameter-to-length ratio in selecting dental implants: A methodological finite element study (2014) Computer Methods in Biomechanics and Biomedical Engineering, 17 (4), pp. 443-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891649224&doi=10.1080%2F10255842.2012.688110&partnerID=40&md5=8f3205149f6272d1a3e05d7f1a58db8d
	Nesvit, K.	Scattering and propagation of the TE/TM waves on pre-fractal impedance grating in numerical results (2014) 8th European Conference on Antennas and Propagation, EuCAP 2014, статья № 6902400, pp. 2773-2777.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908609044&doi=10.1109%2F00400&partnerID=40&md5=7d07808f378e44db12d851a9c3f6ee38
	Nesvit, K.V.	Mathematical and computational modeling of the diffraction problems by discrete singularities method (2014) AIP Conference Proceedings, 1629, pp. 102-109.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911071807&doi=10.1063%2F1.49022648&partnerID=40&md5=77c6c3f85db3ea984a913a4c0751909
	Nesvit, K.V.	Discrete mathematical model of wave diffraction on pre-fractal impedance strips. TM mode case (2013) AIP Conference Proceedings, 1561, pp. 219-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890089517&doi=10.1063%2F1.4827231&partnerID=40&md5=4af81d9ffd6a0646f7596fe72638b9a
	Nesvit, K.	Scattering and diffraction of TM modes on a grating consisting of a finite number of pre-fractal thin impedance strips (2013) European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, статья № 06686864, pp. 1143-1146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893439800&partnerID=40&md5=38c893bc56eebaec04236d259234def3
	Nesvit, K.V.	Discrete mathematical model of diffraction on pre-cantor set of slits in impedance plane and numerical experiment (2013) International Journal of Mathematical Models and Methods in Applied Sciences, 7 (11), pp. 897-906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886682673&partnerID=40&md5=bb54a30c6b3c978e65d8b566d595f1
	Nesvit, K.	The diffraction problem of e polarized wave on the pre-cantor periodic grating with reflector and its discrete mathematical model (2013) 7th European Conference on Antennas and Propagation, EuCAP 2013, статья № 6546448, pp. 1072-1078.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881305539&partnerID=40&md5=91db752db300102a19544d04ca36eebe
	Nesvit, K.V.	Hypersingular integral equation of wave diffraction problem on pre-Cantor grating and its discrete mathematical models (2012) Proceedings of the International Conference Days on Diffraction, DD 2012, статья № 6402775, pp. 183-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873462596&doi=10.1109%2FDD.2012.6402775&partnerID=40&md5=4aec89c1b54b5a05f8dbbe818f9bd856
	Linetskiy, I., Demenko, V., Nesvit, K. , Shevchenko, A., Tretjak, I.	Evaluation of stresses in hard dental tissues in tooth wear using finite element analysis: A methodological study (2011) Strength, Fracture and Complexity, 7 (3), pp. 253-272.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862991467&doi=10.3233%2FJFC-2012-0142&partnerID=40&md5=a47e73be4b9608dfb2a20e02f8236b7
	Demenko, V., Linetskiy, I., Nesvit, K. , Shevchenko, A.	Ultimate masticatory force as a criterion in implant selection (2011) Journal of Dental Research, 90 (10), pp. 1211-1215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052812146&doi=10.1177%2F0022034511417442&partnerID=40&md5=0cb72d1fe77b6d2a0a94a40d65c63f61
232	Tishchenko, L.P., Peregon, T.I. , Kovtunenkov, Yu.I., Bobkov, V.V., Onishchenko, A.V., Starovoitov, R.I.	Study of trapping and release of ion-implanted deuterium from tungsten films (2006) Bulletin of the Russian Academy of Sciences: Physics, 70 (8), pp. 1372-1376.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247507266&partnerID=40&md5=6922089cd95497fc6554d5ec298566a2
	Penkov, A.V., Voronov, D.L., Zubarev, E.N., Kondratenko, V.V., Ponomarenko, A.G., Sevryukova, V.A., Bobkov, V.V., Peregon, T.I. , Tishchenko, L.P.	Ion-beam mixing in Mo/Si and Mo/C/Si/C periodic multilayers irradiated with He ions (2006) Bulletin of the Russian Academy of Sciences: Physics, 70 (6), pp. 1047-1050.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247094271&partnerID=40&md5=b1c9216693e536f8c300da9824ce0afd
	Pen'kov, O.V., Voronov, D.L., Zubarev, Ye.M., Kondratenko, V.V., Ponomarenko, O.G., Sevryukova, V.A., Bobkov, V.V., Peregon, T.I. , Tishchenko, L.P.	Temperature dependence of ion-beam interdiffusion in multilayered periodic Mo/Si coatings (2006) Metallofizika i Noveishie Tekhnologii, 28 (2), pp. 183-192.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646765439&partnerID=40&md5=03190967fcc59f17978e918dc5c35d3b
	Tishchenko, L.P., Peregon, T.I. , Koval', A.G., Bobkov, V.V., Kovtunenkov, Yu.I., Starovoitov, R.I.	Investigation of deuterium and helium thermal desorption from some AIIIBV compounds (2004) Poverkhnost Rentgenovskie Sinkhronnye i Neitronnye Issledovaniya, (12), pp. 85-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13644262057&partnerID=40&md5=b38015ea34aa1100c16af1b6c74b7208
	Voronov, D.L., Zubarev, Ye.M., Kondratenko, V.V., Pen'kov, O.V., Sevryukova, V.A., Peregon, T.I. , Tishchenko, L.P.	Ion-beam mixing in multilayered periodic Mo/Si compositions (2004) Metallofizika i Noveishie Tekhnologii, 26 (6), pp. 753-763.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644257500&partnerID=40&md5=bb36543011295cdab1efadd641a60cd
	Tishchenko, L.P., Peregon, T.I. , Koval', A.G.	Studies of nitrogen thermal desorption from metal-implanted nitrogen systems (2002) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 66 (1), pp. 110-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749119880&partnerID=40&md5=d21cc2adc9e08c526b5d85c001e2c342
	Koz'ma, A.A., Malykhin, S.V., Tishchenko, L.P., Peregon, T.I. , Roshchenko, S.T.	Generation and evolution of radiation defects in thin titanium films under underthreshold irradiation (1991) Fizika i Khimiya Obrabotki Materialov, (4), pp. 13-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026193572&partnerID=40&md5=3ea37397e5853867f1c79f09240368cc
	Kozma, A.A., Malykhin, S.V., Tishchenko, L.P., Peregon, T.I. , Roshchenko, S.T.	Generation and evolution of radiation defects in thin titanium films in subthreshold irradiation (1991) Physics and chemistry of materials treatment, 25 (4), pp. 341-346.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026184969&partnerID=40&md5=a3555d5e741fd92de8d3cedf67de8
	Tishchenko, L.P., Peregon, T.I. , Fogel', Ya.M., Gusev, V.A.	Heating polycrystalline and single-crystal films with interstitial helium (1977) Soviet Atomic Energy, 43 (3), pp. 824-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250282127&doi=10.1007%2FbF01119047&partnerID=40&md5=77e4b872bab75ac21a1b8ee931b5a7d5
	Fogel', N.Y., Moshenskii, A.A., Titchenko, L.P., Peregon, T.I. , Fogel, Ya.M., Dmitrenko, I.M.	Effect of bombardment by helium ions on critical currents of thin indium films (1975) Physics Letters A, 53 (1), pp. 52-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49549146083&doi=10.1016%2F0375-9601%2F001275%2990342-4&partnerID=40&md5=bc6b378a44083a8b7acfdaf0975f684d
	Tishchenko, L.P., Peregon, T.I. , Zats, A.V., Fogel', Ya.M., Martynov, I.S., Seryugin, A.L.	Vacuum heating of silver films with interstitial helium particles (1974) Soviet Atomic Energy, 37 (6), pp. 1271-1273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016329784&doi=10.1007%2FbF01120925&partnerID=40&md5=a259994e9822514dd10d68566930b3be
233	Nemchenko, K., Rogova, S. , Vikhtinskaya, T.	Heat Transfer in 3He – 4He Mixtures in Cylindrical Geometry (2017) Journal of Low Temperature Physics, 187 (3-4), pp. 324-330.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013859499&doi=10.1007%2F10909-017-1761-7&partnerID=40&md5=f2a2644b6038ac553c911aabcce545f
	Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu.	Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid 3He-4He mixtures (2016) Fizika Nizkikh Temperatur, 42 (8), pp. 909-912.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978412222&partnerID=40&md5=936c3502f9e2b15e11af1fd1cfd5501
	Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y.	The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid 3He-4He solutions (2016) Low Temperature Physics, 42 (8), pp. 714-720.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984972857&doi=10.1063%2F1.4961657&partnerID=40&md5=0b96f972329a9671d20182bb850178d
	Nemchenko, K., Rogova, S.	Quantitative ratio of heat flows due to second sound to dissipation in superfluid 3He-4He mixtures (2014) Journal of Low Temperature Physics, 175 (1-2), pp. 85-90.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896403178&doi=10.1007%2F10909-013-0973-8&partnerID=40&md5=9b7619cf2854c56e0b78504aa80e4a6
	Nemchenko, K., Rogova, S.	Diffusion and thermal diffusion influence on temperature relaxation in superfluid 3He-4He mixtures (2013) Journal of Low Temperature Physics, 171 (3-4), pp. 187-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892997297&doi=10.1007%2F10909-012-0680-x&partnerID=40&md5=05ba121b6baaf3b2eeb8f649a15ec240
	Nemchenko, K., Rogova, S.	Resonances in systems with two different types of heat transfer (2012) Modern Physics Letters B, 26 (23), статья № 1230015, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865239705&doi=10.1142%2F17984912300153&partnerID=40&md5=ac1bda42a9bb806cef82f3dcd69082f

	Nemchenko, K.E., Rogova, S.Y.	Unusual resonances in superfluid 4He - metal double-layer system (2012) Problems of Atomic Science and Technology, (1), pp. 308-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857721102&partnerID=40&md5=f1224a4d0016e417db79911ec8f136
	Nemchenko, K., Rogova, S.	Standing second sound wave in many-layer systems (2012) Low Temperature Physics, 38 (1), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857163305&doi=10.1063%2f1.3677232&partnerID=40&md5=47faa2666d019fe996214c380269d657
	Nemchenko, K., Rogova, S.	Standing second sound wave in many-layer systems (2012) Fizika Nizkikh Temperatur (Kharkov), 38 (1), pp. 3-7.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855397457&partnerID=40&md5=034b17592366cf0e87072d2636e6d204
	Nemchenko, K., Rogova, S.	Heat and 3He transfer by second sound in superfluid helium at low temperatures (2010) Journal of Molecular Liquids, 151 (1), pp. 9-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71149119185&doi=10.1016%2fj.molliq.2009.10.009&partnerID=40&md5=4f043b45186f08f159f033197728b40f
	Nemchenko, K., Rogova, S.	Second sound contribution to temperature gradient evolution in superfluid mixtures (2008) Journal of Low Temperature Physics, 150 (3-4), pp. 187-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549087979&doi=10.1007%2f10909-007-9528-1&partnerID=40&md5=c8e4cc09d4d5ff0ec61cbe7b2c850d9e
234	Savich, S.V. , Samoylov, A.V., Kamchatnaya, S.N., Dobrovolskiy, O.V., Vovk, R.V., Solovjov, A.L., Omelchenko, L.V.	Suppression of the order-disorder transition in Ti-doped YBaCuO compounds (2017) Journal of Materials Science: Materials in Electronics, pp. 1-5. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018464091&doi=10.1007%2f10854-017-6936-0&partnerID=40&md5=008dd3a95716e74c1d5bd7d21d97bbe
	Savich, S.V. , Samoylov, A.V., Kamchatnaya, S.N., Goulatis, I.L., Vovk, R.V., Chronos, A., Solovjov, A.L., Omelchenko, L.V.	Effect of Hafnium Impurities on the Magnetoresistance of YBa 2Cu 3O 7 - δ (2017) Journal of Low Temperature Physics, 186 (3-4), pp. 285-293.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996537926&doi=10.1007%2f10909-016-1703-9&partnerID=40&md5=a984eabc64816d2daf03f3e538b8355
	Boiko, Y.I., Bogdanov, V.V., Khadzai, G.Y., Savich, S.V. , Vovk, R.V.	Single-file diffusion of oxygen ions in the compound YBa2Cu3O7-x (2016) Low Temperature Physics, 42 (10), pp. 936-939.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995459779&doi=10.1063%2f1.4965896&partnerID=40&md5=bbe19f5721a76646de09da8b0335ca75
	Boiko, Y.I., Bogdanov, V.V., Khadzai, G.Ya., Savich, S.V. , Vovk, R.V.	Single-file diffusion of oxygen ions in YBa2Cu3O7-x compound (2016) Fizika Nizkikh Temperatur, 42 (10), pp. 1192-1197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989237433&partnerID=40&md5=ea3e4da0da8f778110564b3794b00
	Savich, S.V. , Samoilov, A.V., Vovk, R.V., Dobrovolskiy, O.V., Kamchatna, S.N., Dolgoplova, Y.V., Chernovol-Tkachenko, O.A.	Excess conductivity and the pseudogap state in Hf-doped YBa2Cu3O7- δ ceramics (2016) Modern Physics Letters B, 30 (4), статья № 1650034.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959213929&doi=10.1142%2f107984916500342&partnerID=40&md5=58571d6c5fcb308a6b22ab0f976f7bd
	Savich, S.V. , Samoilov, A.V., Samsonik, A.L., Sukhov, V.N., Tiutierieva, K.V., Rusalovich, A.I., Vovk, R.V., Boynik, A.B., Chronos, A.	Conductivity of YBCO ceramics in a wide range of temperatures and hafnium impurities concentrations (2016) Functional Materials, 23 (1), pp. 21-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962140745&doi=10.15407%2f1021.021&partnerID=40&md5=014fa7ea86d044dad2307002f485c118
	Khadzhai, G.Y., Vovk, N.R., Vovk, R.V., Savich, S.V. , Kisilitsa, M., Kotvitskaya, K.A., Morozov, V.S., Leniv, J.G., Timofeev, S.S.	Effect of high pressure on conductivity in the basal plane of Y1-xPrxBa2Cu3O7- δ single crystals lightly doped of praseodymium (2015) Functional Materials, 22 (1), pp. 5-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963734773&doi=10.15407%2f1021.005&partnerID=40&md5=9d667044e2a53353c31a3b016e67f799
	Lebedev, V.P., Krylovskii, V.S., Lebedev, S.V., Savich, S.V.	Low-amplitude jump-like deformation of Pb-In alloys in the superconducting state (2008) Low Temperature Physics, 34 (3), pp. 234-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149154795&doi=10.1063%2f1.2889412&partnerID=40&md5=1a1045e11bdc34f38616a68ce2834e2
	Lebedev, V.P., Krylovskiy, V.S., Lebedev, S.V., Savich, S.V.	Low-amplitude instable deformation of Pb-In alloys in the superconducting state (2008) Fizika Nizkikh Temperatur (Kharkov), 34 (3), pp. 300-308.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40849096483&partnerID=40&md5=b3f815e554d685d476e324ab58ff8e28
	Lebedev, V.P., Krylovskii, V.S., Lebedev, S.V., Savich, S.V.	Low-temperature instability of the plastic deformation of aluminum (2007) Physics of the Solid State, 49 (11), pp. 2091-2098.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36348952589&doi=10.1134%2f1063783407110133&partnerID=40&md5=a97dfc4ed94976b6a3b8773fe5926e95
	Krylovskij, V.S., Lebedev, V.P., Pinto Simoes, V.M., Savich, S.V.	Influence of superconduction transition on plastic properties of lead and lead-indium alloys (2003) Izvestiya Akademii Nauk. Ser. Fizicheskaya, 67 (6), pp. 778-785.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038824590&partnerID=40&md5=d467c582ebfa9383d4fc6e640dbbc7ec
235	Gurin, O.V., Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A., Ryabikh, V.N., Senyuta, V.S. , Topkov, A.N.	Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 7851440, pp. 235-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015289407&doi=10.1109%2f1021.2016.7851440&partnerID=40&md5=eb7cdae7aea357e237f446b801faef7
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S. , Topkov, A.N.	Propagation and focusing of modes of dielectric resonators of terahertz range lasers (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (7), pp. 629-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941648042&doi=10.1615%2f1063783407110133&partnerID=40&md5=b08b1848801e9065b971d1007b9f670c
	Gurin, O.V., Degtyarev, A.V., Legenkiy, M.N., Maslov, V.A., Svich, V.A., Senyuta, V.S. , Topkov, A.N.	Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (20), pp. 1819-1830.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918513385&partnerID=40&md5=8ff88e988dca0d233782eaf4b3c1896
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S. , Topkov, A.N., Khardikov, V.V.	The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (14), pp. 1229-1239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906053308&doi=10.1615%2f1063783407110133&partnerID=40&md5=e433302827c07e9fd542759dfb4cbe7a
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S. , Svich, V.A., Topkov, A.N.	Propagation and focusing of modes of the dielectric resonator of terahertz laser (2014) Proceedings - 2014 International Conference Laser Optics, LO 2014, статья № 6886325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906979449&doi=10.1109%2f1021.2014.6886325&partnerID=40&md5=bcfa38b0ae764cd373d284e183c57b9d
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S. , Svich, V.A., Topkov, A.N.	Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser (2013) Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, статья № 6622183, pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888606474&doi=10.1109%2f1021.2013.6622183&partnerID=40&md5=a81c8b055be670395d157b87a3966847
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S. , Topkov, A.N.	Radiation characteristics of the metal waveguide resonator with a inclined mirror (2013) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 72 (14), pp. 1349-1359.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883219791&doi=10.1615%2f1063783407110133&partnerID=40&md5=86be38997b390d770ce5a8de7bf3ae1e
	Gurin, O.V., Degtyarev, A.V., Khardikov, V.V., Maslov, V.A., Svich, V.A., Senyuta, V.S. , Topkov, A.N.	Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, статья № 6331253, pp. 312-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870788318&doi=10.1109%2f1021.2012.6331253&partnerID=40&md5=ec788de10ed4a829ba9d72e722ba0dce
	Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Senyuta, V.S. , Svich, V.A., Topkov, A.N.	Metallic waveguide cavity with a spherical mirror (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, статья № 6145046.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8485708373&doi=10.1109%2f1021.2011.6145046&partnerID=40&md5=54930f9f554d0df3dd5f2c864828ba00
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S. , Topkov, A.N.	Transmission characteristics of metal circular waveguides in terahertz range (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069179, pp. 850-851.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142317&partnerID=40&md5=249e6d9205d770ffc064f08d32472722
	Volodenko, A.V., Gurin, O.V., Degtyarev, A.V., Maslov, V.A., Svich, V.A., Senyuta, V.S. , Topkov, A.N.	Transmission characteristics of circular metallic waveguides for terahertz radiation (2011) Quantum Electronics, 41 (9), pp. 853-857.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054700792&doi=10.1070%2f1021.1v041n09ABEH014634&partnerID=40&md5=8dc7d0b73223485d24a3f479b0c596d

236	Polchaninova, N., Savchenko, G., Drogvalenko, A., Ronkin, V., Shabanov, D.	The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine (2016) Agriculture, Ecosystems and Environment, 234, pp. 65-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969285699&doi=10.1016%2fj.agee.2016.04.031&partnerID=40&md5=e8de430235d24d819e56b7ccbb5c2676
	Biriuk, O.V., Shabanov, D.A. , Korshunov, A.V., Borkin, L.J., Lada, G.A., Pasyunkova, R.A., Rosanov, J.M., Litvinchuk, S.N.	Gamete production patterns and mating systems in water frogs of the hybridogenetic Pelophylax esculentus complex in north-eastern Ukraine (2016) Journal of Zoological Systematics and Evolutionary Research, 54 (3), pp. 215-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963594582&doi=10.1111%2fjzrs.12132&partnerID=40&md5=8c3cf948ed3e6dd62996c01a5b180946
	Dedukh, D., Litvinchuk, S., Rosanov, J., Mazepa, G., Saifitdinova, A., Shabanov, D. , Krasikova, A.	Optional endoreplication and selective elimination of parental genomes during oogenesis in diploid and triploid hybrid European water frogs (2015) PLoS ONE, 10 (4), статья № e0123304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928243998&doi=10.1371%2fjournal.pone.0123304&partnerID=40&md5=b536159019e263d9a263c4ce0c1eff66
	Hoffmann, A., Plötner, J., Pruvost, N.B.M., Christiansen, D.G., Röthlisberger, S., Choleva, L., Mikulíček, P., Cogălniceanu, D., Sas-Kovács, I., Shabanov, D. , Morozov-Leonov, S., Reyer, H.-U.	Genetic diversity and distribution patterns of diploid and polyploid hybrid water frog populations (Pelophylax esculentus complex) across Europe (2015) Molecular Ecology, 24 (17), pp. 4371-4391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940109425&doi=10.1111%2fmec.13325&partnerID=40&md5=9be2f5a0a621677ac1b0c87e66c3e147
	Dedukh, D., Mazepa, G., Shabanov, D. , Rosanov, J., Litvinchuk, S., Borkin, L., Saifitdinova, A., Krasikova, A.	Cytological maps of lampbrush chromosomes of European water frogs (Pelophylax esculentus complex) from the Eastern Ukraine (2013) BMC Genetics, 14, статья № 26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876077960&doi=10.1186%2f1471-2156-14-26&partnerID=40&md5=b71b6d1f074711208228ecca8037aedd
	Vlasova, T., Vladymyrov, M., Shabanov, D.	Simulation of the enhanced version of prisoner's dilemma game (2011) CEUR Workshop Proceedings, 716, pp. 82-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890347676&partnerID=40&md5=4c7502462447ffc2c906854e9779ba5
	Litvinchuk, S.N., Mazepa, G.O., Pasyunkova, R.A., Saidov, A., Satorov, T., Chikin, Y.A., Shabanov, D.A. , Crottini, A., Borkin, L.J., Rosanov, J.M., Stöck, M.	Influence of environmental conditions on the distribution of Central Asian green toads with three ploidy levels (2011) Journal of Zoological Systematics and Evolutionary Research, 49 (3), pp. 233-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960075059&doi=10.1111%2fj.1439-0469.2010.00612.x&partnerID=40&md5=79c2738024a7c328beda1878fbcc30e6
	Mezhzherin, S.V., Morozov-Leonov, S.Yu., Rostovskaya, O.V., Shabanov, D.A. , Sobolenko, L.Yu.	The ploidy and genetic structure of hybrid populations of water frogs Pelophylax esculentus complex (Amphibia, Ranidae) of Ukraine fauna (2010) Cytology and Genetics, 44 (4), pp. 212-216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149301628&doi=10.3103%2fS0095452710040043&partnerID=40&md5=48b69efad475938326dfc0ecf2d835dc
	Morozov-Leonov, S.Yu., Mezhzherin, S.V., Nekrasova, O.D., Shabanov, D.A. , Korshunov, A.V., Krutyak, F.F.	Inheritance of parental genomes by a hybrid form Rana "esculenta" (Amphibia, Ranidae) (2009) Russian Journal of Genetics, 45 (4), pp. 423-429.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65349133538&doi=10.1134%2fS1022795409040061&partnerID=40&md5=f37519df650df690f54a6214edd43b3b
	Morozov-Leonov, S.I., Mezhzherin, S.V., Nekrasova, O.D., Shabanov, D.A. , Korshunov, A.V., Kurtiak, F.F.	Inheritance of parental genomes by a hybrid form Rana "esculenta" (Amphibia, Ranidae) (2009) Genetika, 45 (4), pp. 488-495.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649406267&partnerID=40&md5=1c3afc2040e5ece132009a941e49ebe
	Gella, I.M., Shabanov, D.A. , Leont'ev, D.A., Levin, M.G., Shishkin, O.V., Baumer, V.N., Lakin, E.E.	Study of the bufadienolides of the skin secretion of green toads (Bufo viridis laur, 1758) (1995) Pharmaceutical Chemistry Journal, 29 (7), pp. 491-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043223287&doi=10.1007%2fBF02220008&partnerID=40&md5=4a7cb1a597323ccf887cae2e7d2a8f04
237	Svechkarev, D. , Grygorovych, O.V.	Tournament of Young Chemists in Ukraine: Engaging Students in Chemistry through a Role-Playing Game-Style Competition (2016) Journal of Chemical Education, 93 (5), pp. 874-878.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969677202&doi=10.1021%2facs.jchemed.5b00618&partnerID=40&md5=38e7cb16fa13e2dc158013f6c7370f45
	Dereka, B., Letrun, R., Svechkarev, D. , Rosspeintner, A., Vauthey, E.	Excited-state dynamics of 3-hydroxyflavone anion in alcohols (2015) Journal of Physical Chemistry B, 119 (6), pp. 2434-2443.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922791037&doi=10.1021%2fjp3060813&partnerID=40&md5=f11b9ac94e10e2ee526989daf3fd810a
	Svechkarev, D. , Kolodezny, D., Mosquera-Vázquez, S., Vauthey, E.	Complementary surface second harmonic generation and molecular dynamics investigation of the orientation of organic dyes at a Liquid/Liquid interface (2014) Langmuir, 30 (46), pp. 13869-13876.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84912529453&doi=10.1021%2fja503121g&partnerID=40&md5=54c86ade232b6e9b39c23a98b09469
	Dereka, B., Svechkarev, D. , Doroshenko, A.O.	Facile ultrasensitive monitoring of mercury ions in water by fluorescent ratiometric detection (2013) Central European Journal of Chemistry, 11 (4), pp. 584-593.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873345145&doi=10.2478%2fS11532-012-0193-0&partnerID=40&md5=8cef08e232888306a02085d55292c3df
	Kyrychenko, A., Karpushina, G.V., Svechkarev, D. , Kolodezny, D., Bogatyrenko, S.I., Kryshal, A.P., Doroshenko, A.O.	Fluorescence probing of thiol-functionalized gold nanoparticles: Is alkylthiol coating of a nanoparticle as hydrophobic as expected? (2012) Journal of Physical Chemistry C, 116 (39), pp. 21059-21068.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867186711&doi=10.1021%2fjp3060813&partnerID=40&md5=45f70dfcb1387b192a45ce4b199502e4
	Svechkarev, D.A. , Doroshenko, A.O., Kolodezny, D.Y.	1,4-bis-(3-hydroxy-4-oxo-4H-chromen-2-yl)-benzene (bis-flavonol): Synthesis, spectral properties and principle possibility of the excited state double proton transfer reaction (2012) Central European Journal of Chemistry, 10 (1), pp. 205-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455162693&doi=10.2478%2fS11532-011-0127-2&partnerID=40&md5=a33fe7f015ff65d515b6651207e72505
	Svechkarev, D. , Dereka, B., Doroshenko, A.	Mercury ions complexation with a series of heterocyclic derivatives of 3-hydroxychromone: Spectral effects and prospects for ultrasensitive Hg 2+ probing (2011) Journal of Physical Chemistry A, 115 (17), pp. 4223-4230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955544173&doi=10.1021%2fjp110974n&partnerID=40&md5=2d69f4739718a5026506dd8076af4d09
	Svechkarev, D. , Doroshenko, A., Baumer, V., Dereka, B.	Nature of dual fluorescence in 2-(quinolin-2-yl)-3-hydroxychromone: Tuning between concurrent H-bond directions and ESIPT pathways (2011) Journal of Luminescence, 131 (2), pp. 253-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649634279&doi=10.1016%2fj.jlumin.2010.10.007&partnerID=40&md5=b0fe1ff65d51a8c30213f5930008f04f
	Svechkarev, D.A. , Bukatich, I.V., Doroshenko, A.O.	New 1,3,5-triphenyl-2-pyrazoline-containing 3-hydroxychromones as highly solvatofluorochromic ratiometric polarity probes (2008) Journal of Photochemistry and Photobiology A: Chemistry, 200 (2-3), pp. 426-431.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56249112630&doi=10.1016%2fj.jphotochem.2008.09.005&partnerID=40&md5=b357eb53bb858e202252a4c6f42ea536
	Svechkarev, D.A. , Karpushina, G.V., Lukatskaya, L.L., Doroshenko, A.O.	2-(benzimidazol-2-yl)-3-hydroxychromone derivatives: Spectroscopic properties and a possible alternative intramolecular proton phototransfer (2008) Central European Journal of Chemistry, 6 (3), pp. 443-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149089610&doi=10.2478%2fS11532-008-0039-y&partnerID=40&md5=cc28bc6a1c873e2934814907717082d
	Svechkarev, D.A. , Baumer, V.N., Syzova, Z.A., Doroshenko, A.O.	New benzimidazolic 3-hydroxychromone derivative with two alternative mechanisms of the excited state intramolecular proton transfer reaction (2008) Journal of Molecular Structure, 882 (1-3), pp. 63-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44349144980&doi=10.1016%2fj.molstruc.2007.09.009&partnerID=40&md5=672d8c22672a802b2f7b41a56fac9a8d
238	Glibitskiy, G., Glibitskiy, D., Gorobchenko, O. , Nikolov, O., Roshal, A., Semenov, M., Gasan, A.	Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution (2015) Nanoscale Research Letters, 10 (1), 10 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928254148&doi=10.1186%2fS11671-015-0860-0&partnerID=40&md5=27d9a6d54f94ab4f70ef48160cd6878e
	Shatalova, T.A., Gorobchenko, O.A. , Nikolov, O.T., Gatah, S.V.	Dielectric permittivity of erythrocyte suspensions at 9.2 GHz (2014) CrMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959768, pp. 1077-1078.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915750386&doi=10.1109%2fCRMICO.2014.6959768&partnerID=40&md5=fb390a62b537ecaba4e1d11fcd1a39b0
	Pakulova, O.K., Gorobchenko, O.A. , Nikolov, O.T., Adelyanov, A.V., Pastukhova, S.Y., Bondarenko, V.A.	The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension (2013) Materialwissenschaft und Werkstofftechnik, 44 (2-3), pp. 167-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875257858&doi=10.1002%2fmate.201300111&partnerID=40&md5=2616f2a3002ff3229c631913fa454e09
	Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A. , Loza, K.I.	Study of structure of calcium phosphate materials by means of electron spin resonance (2012) Applied Radiation and Isotopes, 70 (11), pp. 2621-2626.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8486557365&doi=10.1016%2fj.apradiso.2012.07.020&partnerID=40&md5=21e81a7f44d1a435116603c6c6c4ca6
	Gorobchenko, O.A. , Gerodes, A.G., Nardid, O.A., Nikolov, O.T.	Dielectric properties of human ovary follicular fluid at 9.2GHz (2010) Bioelectrochemistry, 79 (2), pp. 193-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955277909&doi=10.1016%2fj.bioelechem.2010.03.010&partnerID=40&md5=7d50362dc11f9516eca99d260dc925f6
	Belyaev, V.I., Golubnichaya, G.V., Gorobchenko, O.A. , Zhylyakova, T.A., Kirichenko, A.Ya., Nikolov, O.T., Psuturi, D.I.	Investigation of wine and wort permittivity in the microwave range (2009) КрбiMuKo 2009 CrMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292878, pp. 837-838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949138833&partnerID=40&md5=3978eab4c80a096cfe9d8f774b7b6

	Anikina, N.S., Gerzhikova, V.G., Golubnichaya, G.V., Gorobchenko, O.A. , Zhylyakova, T.A., Kirichenko, A.Ya., Nikolov, O.T.	Microwave permittivity measurement of multi-component solutions at two frequencies (2008) КрбиМуКо 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676598, pp. 780-781.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049149191&doi=10.1109%2fCRMICO.2008.4676598&partnerID=40&md5=5ada7897ef88ecd51372c6cd360c0f5a
	Gorobchenko, O.A. , Nikolov, O.T., Gatash, S.V.	Influence of γ -irradiation on thermal conformation transitions and hydration of fibrinogen (2006) Biopolymers and Cell, 22 (2), pp. 162-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890574725&doi=10.7124%2fbfc.00072C&partnerID=40&md5=8c1895d369492aac9e58ff78ea83cef6
	Gorobchenko, O.A. , Nikolov, O.T., Gatash, S.V.	Conformation transitions of blood proteins under influence of physical factors on microwave dielectric method (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 102 (1), pp. 18-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646762874&doi=10.1016%2fj.jqsrt.2006.02.063&partnerID=40&md5=3083fee9be75a9ba61c70618535a8b61
	Nardid, O.A., Horobchenko, O.A. , Nikolov, O.T., Lipina, O.V., Moshko, I.O.	Examination of low temperature effect on cord blood serum by microwave dielectric method (2005) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 51 (5), pp. 56-60.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644825015&partnerID=40&md5=bbbfeedf06e629aa4fa143e565632fa
239	Shakhbazov, V.G., Grabina, V.A., Fisun, A.I., Gorobets, Yu.N. , Shekhorbatov, Y.G.	Electromagnetic fields with circular polarization and new medical technologies (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 2, статья № 1238878, pp. 821-822.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34447301159&doi=10.1109%2fICATT.2003.1238878&partnerID=40&md5=66fba57700a9119363098c62cd07cf97
	Gorobets, Yu.N.	Scattering coefficient of circular-aperture antenna (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (6-7), pp. 51-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751290863&partnerID=40&md5=778698a772567ea25f4e7583befe2914
	Atroshenko, L.M., Gorobets, N.N., Gorobets, Yu.N. , Katrich, V.A.	Influence of circular-polarized waveguide radiator length on amplitude and polarization beam patterns (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, статья № 1137269, pp. 353-354.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968752836&doi=10.1109%2fCRMICO.2002.1137269&partnerID=40&md5=f07110e14569f99dd40108f6146b59f9
	Gorobets, N.N., Gorobets, Yu.N. , Dakhov, V.M.	Directional and band characteristics of antenna arrays of a traveling wave with the two-channel excitation (2001) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 44 (3), pp. 3-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035769193&partnerID=40&md5=c24102e3a3661fcdcd94d477a66ca5f7
	Gorobets, Yu.N. , Dakhov, V.M.	Linear travelling wave array with two-channel excitation and nonparallel arrangement of subarrays (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947245, pp. 600-603.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966570203&doi=10.1109%2fMSMW.2001.947245&partnerID=40&md5=934a078a10ee451a3d322e448d6fc32
	Gorobets, N.N., Dakhov, V.M., Gorobets, Yu.N.	Tunable corner travelling wave antenna array with central excitation (2001) CriMiCo 2001 - 11th International Conference, статья № 1173845, pp. 341-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956705864&partnerID=40&md5=4d1eebf615afcbce8d485f942a7d973
	Atroshenko, L.M., Gorobets, N.N., Gorobets, Yu.N. , Katrich, V.A.	Multibeam reflector antennas with displacement of exciters along focal axis (2001) CriMiCo 2001 - 11th International Conference, статья № 1173851, pp. 351-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956696743&partnerID=40&md5=8e4a07809181262917c38422e44ae9de
	Gorobets, N.N., Gorobets, Yu.N. , Kiuko, V.I.	Computer optimization of field sources amplitude distribution in plane cophasal antenna arrays (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMico 2000, статья № 1256119, pp. 314-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966289990&doi=10.1109%2fCRMICO.2000.1256119&partnerID=40&md5=c6a349ce88649c903703f77faf3863be
	Gorobets, N.N., Blinova, N.K., Gorobets, Yu.N. , Lytov, Yu.V., Popov, V.S.	Microstrip antenna array for side-looking radars (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 96-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844560132&partnerID=40&md5=181ccad8026e19516c650420ef9a7e2
	Gorobets, N.N., Gorobets, Yu.N.	Multibeam waveguide-slot antenna with the horn-mirror pattern-forming scheme (1997) Izvestiya VUZ: Radioelektronika, 40 (5), pp. 3-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031130788&partnerID=40&md5=3d5de6913ad1d30ab7359af73916fe5c
240	Penkin, D.Yu., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kijko, V.I.	Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6653024, pp. 708-709.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891076715&partnerID=40&md5=ee2c0a643efdd83dde4c68ee3c5f881e
	Penkin, D.Y., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kijko, V.I.	Electromagnetic fields excitation by a multielement vibrator-slot structures in coupled electrodynamics volumes (2013) Progress In Electromagnetics Research B, (49), pp. 235-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875082569&partnerID=40&md5=ba3f243585e7f36f5b35f518d9b90a12
	Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Kijko, V.I.	Electromagnetic waves radiation into the space over a sphere by a slot in the end-wall of a semi-infinite rectangular waveguide (2013) Progress In Electromagnetics Research B, (46), pp. 139-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875065219&doi=10.2528%2fPIERB12102203&partnerID=40&md5=88a9a42258e67e16732688849b117d4
	Nesterenko, M.V., Katrich, V.A., Penkin, D.Y., Berdnik, S.L., Kijko, V.I.	Electromagnetic waves scattering and radiation by vibrator-slot structure in a rectangular waveguide (2012) Progress In Electromagnetics Research M, 24, pp. 69-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859356712&partnerID=40&md5=b01b89489d3e1b5160a23fb4d007dd0d
	Nesterenko, M.V., Katrich, V.A., Penkin, Y.M., Berdnik, S.L., Kijko, V.I.	Combined vibrator-slot structures in electrodynamic volumes (2012) Progress In Electromagnetics Research B, (37), pp. 237-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872238642&partnerID=40&md5=8c28f8b977b5b53ed4227000fa0a2e24
	Berdnik, S.L., Katrich, V.A., Kijko, V.I. , Nesterenko, M.V.	A slot radiator at an end wall of rectangular waveguide with a double-slot resonant diaphragm (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069057, pp. 565-566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143471&partnerID=40&md5=b51053e5d5dc41dee4688a7bb45cbe f2
	Gorobets, N.N., Kijko, V.I.	Influence of shadowing aperture by the focal module on directional characteristics of reflector antennas (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, статья № 4294775, pp. 678-680.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249165676&doi=10.1109%2fMSMW.2007.4294775&partnerID=40&md5=ff6ff4ed12828addcfbfdb2b9a27af7da
	Belogurov, E.Y., Katrich, V.A., Kijko, V.I. , Nesterenko, M.V.	Thin impedance vibrator with variable radius in rectangular waveguide (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRMICO, статья № 4368832, pp. 516-517.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149093662&doi=10.1109%2fCRMICO.2007.4368832&partnerID=40&md5=22cda52f1c7edc5cd2db27539341076c
	Gorobets, N.N., Kijko, V.I. , Gorobets, Ju.N., Movchan, O.S.	Analysis of directional characteristics of offset reflector antennas (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, статья № 1496917, pp. 176-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745435950&doi=10.1109%2fICATT.2005.1496917&partnerID=40&md5=c43557da6dd318ad0d503cad39a7930d
	Gorobets, N.N., Kijko, V.I. , Lytov, Yu.V., Somov, V.A.	Multibeam waveguide-slot and microband antenna array of panorama radiometers of aerocomic duty (1998) Izvestiya VUZ: Radioelektronika, 41 (8), pp. 3-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032132367&partnerID=40&md5=4d6ae719d642e7163d0071f9a6b52cd9
241	Kuznetsov, O. , Gorbenko, Y., Kolovanova, I.	Combinatorial properties of block symmetric ciphers key schedule (2017) 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 - Proceedings, статья № 7905334, pp. 55-58.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018427808&doi=10.1109%2fINFOCOMMST.2016.7905334&partnerID=40&md5=510a95ec9dd536ff9089d3b2c868970b
	Kuznetsov, O. , Lutsenko, M., Ivanenko, D.	Strumok stream cipher: Specification and basic properties (2017) 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 - Proceedings, статья № 7905335, pp. 59-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018444432&doi=10.1109%2fINFOCOMMST.2016.7905335&partnerID=40&md5=e46170893cf750dc0de10dc4443e3db
	Kuznetsov, A.A. , Smirnov, A.A., Danilenko, D.A., Berezovsky, A.	The statistical analysis of a network traffic for the intrusion detection and prevention systems (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (1), pp. 61-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938096221&doi=10.1615%2fTelecomRadEng.v74.i1.60&partnerID=40&md5=4a288cce9847dcd80a39648c869f6bc1
	Makarov, L.B., Bitchenko, A.M., Tsopa, A.I., Kuznetsov, A.A.	Enthropic estimation of immunity in communication systems (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (17), pp. 1561-1573.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915745176&doi=10.1615%2fTelecomRadEng.v73.i17.40&partnerID=40&md5=dcff59649df3baa311981c29869bfbf8

	Stasev, Yu., Kuznetsov, A. , Sai, V., Karpenko, O.	Discrete signals with multi-level correlation function (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 71 (1), pp. 91-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860634086&doi=10.1615/2fTelecomRadEng.v71.i1.100&partnerID=40&md5=30001270e18495c4b070309965da79a8
	Izbenko, Y., Kovtun, V., Kuznetsov, A.	The design of boolean functions by modified hill climbing method (2009) ITNG 2009 - 6th International Conference on Information Technology: New Generations, статья № 5070643, pp. 356-361.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951133373&doi=10.1109/2fITNG.2009.102&partnerID=40&md5=28ac4f30fe71e147480e894814c3a372
	Naumenko, N.I., Stasev, Yu.V., Kuznetsov, A.A.	Methods of synthesis of signals with prescribed properties (2007) Cybernetics and Systems Analysis, 43 (3), pp. 321-326.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548040736&doi=10.1007%2fs10559-007-0052-8&partnerID=40&md5=808fb6f92ce759d995fa18e8b1cd944d
	Stasev, Yu.V., Kuznetsov, A.A. , Nosik, A.M.	Formation of pseudorandom sequences with improved autocorrelation properties (2007) Cybernetics and Systems Analysis, 43 (1), pp. 1-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250677696&doi=10.1007%2fs10559-007-0021-2&partnerID=40&md5=dd7de7a46e70e6097eea56679f0c9040
	Stasev, Yu.V., Kuznetsov, A.A.	Asymmetric code-theoretical schemes constructed with the use of algebraic geometric codes (2005) Kibernetika i Sistemnyj Analiz, (3), pp. 47-57.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27744460029&partnerID=40&md5=b78ee671c2d908e285541cfdc48266f9
	Stasev, Yu.V., Kuznetsov, A.A.	Asymmetric code-theoretical schemes constructed with the use of algebraic geometric codes (2005) Cybernetics and Systems Analysis, 41 (3), pp. 354-363.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26444548048&doi=10.1007%2fs10559-005-0069-9&partnerID=40&md5=e0092cd0c3fa428ce186ea2afed7c6
242	Kuznetsov, K.A. , Shchorkorbatov, Y.G., Kolchigin, N.N., Nikolov, O.T.	Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields (2016) 18th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724179, pp. 167-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000538758&doi=10.1109/2fUWBUSIS.2016.7724179&partnerID=40&md5=28d62456163147f48e66f4667512c200
	Kuznetsov, K.A. , Miroshnik, D.B., Shchorkorbatov, Y.G., Nikolov, O.T., Kolchigin, N.N.	Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538012, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984634&doi=10.1109/2fMSMW.2016.7538012&partnerID=40&md5=511f763b132dfbe29cac1ef28a930e20
	Tomin, S., Belkov, A., Korchuganov, V., Kuznetsov, K. , Kuzmin, I.	High voltage generators upgrade of Siberia-2 injection system (2014) IPAC 2014: Proceedings of the 5th International Particle Accelerator Conference, pp. 292-294.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928331514&partnerID=40&md5=2edc9107a211a79f392bba7b58c78a4
	Kuznetsov, K.A.	Scientific data integration system in the linked open data space (2013) Programming and Computer Software, 39 (1), pp. 43-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873391961&doi=10.1134%2fIS0361768813010052&partnerID=40&md5=bc3eb1f5cf1345aae01e70b03d4c2ff4
	Korchuganov, V., Belkov, A., Fomin, Y., Kaportsev, E., Kovachev, G., Kovalchuk, M., Krylov, Yu., Kuznetsov, K. , Kvardakov, V., Leonov, V., Moiseev, V., Moryakov, V., Moseev, K., Moseiko, N., Odintsov, D., Pesterev, S., Tarasov, Yu., Tomin, S., Ushkov, V., Valentinov, A., Vernov, A., Yupinov, Yu., Zabelin, A.	The development of synchrotron radiation source of NRC "kurchatov Institute" (2012) RuPAC 2012 Contributions to the Proceedings - 23rd Russian Particle Accelerator Conference, pp. 126-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890013575&partnerID=40&md5=b00976e42aec88c37dc1b4a3ed709c5
	Gromov, V., Kuznetsov, K.	Decision-making support system for light petroleum products traffic and transport management (2012) Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 11th International Conference, TCSET'2012, статья № 6192551, p. 271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861388572&partnerID=40&md5=36ddc59768bea1df205aeb6af1e7d6fe
	Pasyuga, V.N., Mavrodi, S.A., Kuznetsov, K.A. , Badian, E.E., Shurinov, R.V., Ivanchenko, D.D., Shchorkorbatov, Y.G.	Study of the combined effects of X-rays and low-energy microwave electromagnetic field on the state of chromatin in the nuclei of human buccal epithelium cells (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068808, pp. 1021-1022.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143795&partnerID=40&md5=07c201703539a8ce2b16f2f14a14c635
	Kaportsev, E., Krylov, Yu., Korchuganov, V., Kuznetsov, K. , Moseev, K., Moseiko, L., Moseiko, N., Yupinov, Yu.	The expanded program tools for KSRS operation with archiving of data (2010) RuPAC 2010 Contributions to the Proceedings - 22nd Russian Particle Accelerator Conference, pp. 187-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890047443&partnerID=40&md5=47d1b24698688a752b1d39cc72c260d8
	Kaportsev, E., Krylov, Yu., Korchuganov, V., Kuznetsov, K. , Moseiko, L., Moseiko, N., Yupinov, Yu.	The program tools for KSRS operation (2008) RuPAC 2008 Contributions to the Proceedings - 21st Russian Particle Accelerator Conference, pp. 255-257.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890017892&partnerID=40&md5=feb6482bcc36ea107694a75abed40c9e
	Krylov, Y., Kuznetsov, K. , Moseiko, L., Moseiko, N., Yupinov, Y.	Enhancement of vacuum monitoring system of KCSR accelerator facility (2006) RuPAC 2006 Contributions to the Proceedings - 20th Russian Conference on Charged Particle Accelerators, pp. 264-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890099639&partnerID=40&md5=9b3851917f743ecc50c9ffa3fabfc3bf
243	Beresnev, V.M., Sobol, O.V., Lytovchenko, S.V., Nyemchenko, U.S., Stolbovoy, V.A., Kolesnikov, D.A., Meylehov, A.A., Postelnik, A.A., Turbin, P.V., Malikov, L.V.	Effect of high-entropy components of nitride layers on nitrogen content and hardness of (TiN-Cu)/(AlN/TiMoV/Cr)N vacuum-arc multilayer coatings (2016) Journal of Nano- and Electronic Physics, 8 (2), статья № 02057, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976904239&doi=10.21272%2fjnep.8%2829%29.02057&partnerID=40&md5=f0e27c9151f5beece82226442e419f2e
	Kolpakov, A.Y., Poplavsky, A.I., Manokhin, S.S., Galkina, M.E., Goncharov, I.Y., Liubushkin, R.A., Gerus, J.V., Turbin, P.V., Malikov, L.V.	Formation of nanostructured coating based on the amorphous carbon matrix and silver nanocrystallites (2016) Journal of Nano- and Electronic Physics, 8 (4), статья № 04019, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999779419&doi=10.21272%2fjnep.8%2834%2819%29.04019&partnerID=40&md5=00b534f1a8720a2639c7cb29b1b1dfaf
	Kolesnikov, D.A., Nyemchenko, U.S., Beresnev, V.M., Sobol, O.V., Novikov, V.A., Lytovchenko, S.V., Stolbovoi, V.A., Goncharov, I.Y., Turbin, P.V., Malikov, L.V.	Multilayer nitride coatings (TiZrNbHf)N/MoN (2016) Journal of Nano- and Electronic Physics, 8 (3), статья № 03045, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992449498&doi=10.21272%2fjnep.8%2839%29.03045&partnerID=40&md5=475a3d564644c9fd063f537e1761e591
	Yapryntsev, M.N., Lyubushkin, R.A., Alifanova, E.N., Ivanov, O.N., Malikov, L.V.	Production of the volume composite based on Bi2Te3-SiO2 nanoparticles and its electroconductivity (2015) Journal of Nano- and Electronic Physics, 7 (4), статья № 04040, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959432072&partnerID=40&md5=1c6590f98f26c23ced5a2d7251d213f
	Nyemchenko, U.S., Novikov, V.Y., Grankin, S.S., Ganenko, V.V., Arsenko, M.Y., Sobol, O.V., Tkach, O.P., Kovaleva, M.G., Malikov, L.V.	Adhesion strength of multi-element coatings of the system (TiNbCrZrSi)N (2015) Journal of Nano- and Electronic Physics, 7 (2), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932140646&partnerID=40&md5=1562c92ef22313ba382ef7e4551aa75
	Bratushka, S.N., Malikov, L.V.	Ion-plasma modification of titanium alloys (2011) Problems of Atomic Science and Technology, (6), pp. 126-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84555190656&partnerID=40&md5=1e6b844d5d80c3607925f85957038e33
	Pogrebnyak, A.D., Levintant, N., Malikov, L.V. , Beresnev, V.M., Bratushka, S.N., Yerdibayeva, N.K., Czepe, T., Zwiatak, Z., Micleales, M.	Inhomogeneous structure of near-surface layers in the ion-implanted NiTi alloy (2009) Problems of Atomic Science and Technology, (6), pp. 162-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549232672&partnerID=40&md5=6ac50136acb71287ad5cc05ee09463f
	Pogrebnyak, A.D., Bratushka, S.N., Malikov, L.V. , Levintant, N., Yerdibayeva, N.K., Plotnikov, S.V., Gritsenko, B.P.	Effect of high doses of N+, N+ + Ni+, and Mo+ + W+ ions on the physicochemical properties of TiNi (2009) Technical Physics, 54 (5), pp. 667-673.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65649135509&doi=10.1134%2f1063784209050107&partnerID=40&md5=13bdb56f54dcb083e598d5347929086
	Pogrebnyak, A.D., Bratushka, S.N., Uglov, V.V., Rusakov, V.S., Beresnev, V.M., Anischik, V.M., Malikov, L.V. , Levintant, N., Zukovski, P.	Structures and properties of Ti alloys after double implantation (2009) Vacuum, 83 (SUPPL.1), pp. S240-S244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65249133123&doi=10.1016%2fvacuum.2009.01.072&partnerID=40&md5=e1e6d956a231c4c7a72729df952ee7e5

	Pogrebnyak, A.D., Erdubaeva, N.K., Malikov, L.V. , Bratushka, S.N., Levintant, N.	Influens of high dose ion implantation of metall and gase on physico-mecanical properties of titanium alloys (2008) Problems of Atomic Science and Technology, (1), pp. 81-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549283479&partnerID=40&md5=b19ca877028b5968c258eb0cd8626d3a
244	Jain, A., Yadav, A., Bozhkov, A.I., Padalko, V.I. , Flora, S.J.S.	Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats (2011) Ecotoxicology and Environmental Safety, 74 (4), pp. 607-614.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955521403&doi=10.1016%2Fj.ecoenv.2010.08.002&partnerID=40&md5=7c62fd8642097c082dee6f22177a3522
	Padalko, V.I. , Leonova, I.S., Kozlova, E.V.	[The effect of 2,4-dinitrophenol on the intensity of oxidative processes in the rat liver during prolonged experiment]. (2010) Advances in gerontology = Uspekhi gerontologii / Rossiiskaia akademiia nauk, Gerontologicheskoe obshchestvo, 23 (1), pp. 98-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953027931&partnerID=40&md5=a03d573e3c633d5c1aaf5e20461c0bd
	Bozhkov, A., Padalko, V. , Dlubovskaya, V., Menzianova, N.	Resistance to heavy metal toxicity in organisms under chronic exposure (2010) Indian Journal of Experimental Biology, 48 (7), pp. 679-696.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954251693&partnerID=40&md5=60e86935a024b4d176ed047ac2b797e0
	Padalko, V.I. , Leonova, I.S., Kozlova, E.V.	The protein oxidative damage level and lifespan modulation by xenobiotics in Drosophila melanogaster (2008) Advances in gerontology = Uspekhi gerontologii / Rossiiskaia akademiia nauk, Gerontologicheskoe obshchestvo, 21 (2), pp. 212-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58149235289&partnerID=40&md5=2e0a097a0e9510ab7410919f9e9ae534
	Nikitchenko, Y.V., Padalko, V.I. , Tkachenko, V.N., Sheremet, A.A., Tovstyiak, V.V.	Activity of glutathione-dependent antioxidant system of rat liver and blood depending on γ -irradiation and diet (2008) Ukrain'skyi Biokhimichnyi Zhurnal, 80 (6), pp. 66-73.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59049096058&partnerID=40&md5=9ab8bb21ef4bfef9f2613c6d394ec87
	Nikitchenko, I.V., Padalko, V.I. , Tkachenko, V.N., Zolotukhina, A.A., Tovstyiak, V.V.	The influence of gamma-irradiation and alimentary factors on prooxidant-antioxidant rat's liver and blood system (2008) Radiatsionnaia biologii, radioecologia / Rossiiskaia akademiia nauk, 48 (2), pp. 171-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52649130817&partnerID=40&md5=53a8d8cc84e98df9fec6ce3c3a18762
	Padalko, V.I.	Influence of calorie restricted diet on the liver microsomal monooxygenase system in different age rats (2003) Ukrain'skyi Biokhimichnyi Zhurnal, 75 (4), pp. 108-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542467321&partnerID=40&md5=73f9b30d4614cb7b5eda16b01a27295
	Sukhodub, A.L., Padalko, V.I.	Age-dependent changes in rat liver microsomal membrane structure and functions under benzene treatment (1999) Mechanisms of Ageing and Development, 106 (3), pp. 273-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033556039&doi=10.1016%2F0047-6374%2898%2900120-1&partnerID=40&md5=92ca41593df830cd7d8a9f5db96d70e
	Padalko, V.I.	Effect of paracetamol on the microsomal oxidation, oxidative phosphorylation and liver mitochondria swelling in the rats of various age (1996) Ukrain'skyi Biokhimichnyi Zhurnal, 68 (6), pp. 92-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030276242&partnerID=40&md5=fda15676b0d1bef844dc4e0de75aa79
	Kaliman, P.A., Padalko, V.I.	Activity of key enzymes of heme synthesis and degradation and contents of cytochromes b5 and P-450 in rat liver (1981) Biokhimiya, 46 (8), pp. 1482-1487.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019390762&partnerID=40&md5=8c96d45289b2ac3764f846e3e32cbb5
245	Panteleimonov, A.V. , Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V.	Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride (2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930639846&doi=10.5935%2F0103-5053.20150080&partnerID=40&md5=44edc8f10da20a9f9915faa7859ed
	Tkachenko, O., Panteleimonov, A. , Padalko, I., Korobov, A., Gushikem, Y., Kholin, Y.	Silica functionalized with 1-propyl-3-methylimidazolium chloride as an efficient adsorbent for the removal of Eosin Yellow and Reactive Blue 4 (2014) Chemical Engineering Journal, 254, pp. 324-332.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904623561&doi=10.1016%2Fj.cej.2014.05.117&partnerID=40&md5=74f44657ee22766b527e55c684636940
	Panteleimonov, A. , Tkachenko, O., Baraban, A., Benvenuti, E., Gushikem, Y., Kholin, Y.	Probing silica-organic hybrid materials using small probes: Simulation of adsorption equilibria influenced by cooperativity effects (2014) Adsorption Science and Technology, 32 (4), pp. 305-320.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901750967&doi=10.1260%2F0263-6174.32.4.305&partnerID=40&md5=d510c002605407a3de45e0ef5af77f86
	Panteleimonov, A.V. , Kholin, Yu.V.	Algorithm of object identification in qualitative chemical analysis based on fuzzy similarity criteria (2013) Journal of Analytical Chemistry, 68 (11), pp. 942-948.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886932031&doi=10.1134%2F1061934813110099&partnerID=40&md5=6ee053c0c48128c6865d503826d710b
	Pushkarova, Y.N., Sledzevskaya, A.B., Panteleimonov, A.V. , Titova, N.P., Yurchenko, O.I., Ivanov, V.V., Kholin, Y.V.	Identification of water samples from different springs and rivers of Kharkiv: Comparison of methods for multivariate data analysis (2013) Moscow University Chemistry Bulletin, 68 (1), pp. 60-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&doi=10.3103%2F0027131412060077&partnerID=40&md5=563de9977cf6c550ec5abde61315ab54
	Maroneze, C.M., Magosso, H.A., Panteleimonov, A.V. , Kholin, Y.V., Gushikem, Y.	Surface functionalization of SBA-15 and a nonordered mesoporous silica with a 1,4-diazabicyclo[2.2.2]octane derivative: Study of CuCl ₂ adsorption from ethanol solution (2011) Journal of Colloid and Interface Science, 356 (1), pp. 248-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79551680585&doi=10.1016%2Fj.jcis.2010.12.030&partnerID=40&md5=251bfe3ac8b69417619dd69501bf6354
	Lucho, A.M.S., Panteleimonov, A.V. , Kholin, Y.V., Gushikem, Y.	Simulation of adsorption equilibria on hybrid materials: Binding of metal chlorides with 3-n-propylpyridinium silsesquioxane chloride ion exchanger (2007) Journal of Colloid and Interface Science, 310 (1), pp. 47-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147157362&doi=10.1016%2Fj.jcis.2007.01.035&partnerID=40&md5=5c8fe82a11029fcc93cf3233bf5d8a0
	Magosso, H.A., Panteleimonov, A.V. , Kholin, Y.V., Gushikem, Y.	Synthesis, characterization and metal adsorption properties of the new ion exchanger polymer 3-n-propyl(4-methylpyridinium) silsesquioxane chloride (2006) Journal of Colloid and Interface Science, 303 (1), pp. 18-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748948744&doi=10.1016%2Fj.jcis.2006.07.014&partnerID=40&md5=14dac3162c31d5975d238ca311c5fa3b
	Ostrovskaya, V.M., Reshetnyak, E.A., Nikitina, N.A., Panteleimonov, A.V. , Kholin, Yu.V.	A test method for determining total metals with an indicator paper and Its performance characteristics (2004) Journal of Analytical Chemistry, 59 (10), pp. 995-1001.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5444256676&doi=10.1023%2FB%3aJA.NC.0000043919.39809.23&partnerID=40&md5=a2b102b4b4f82c3f7f380028a3b5e14b
	Ostrovskaya, V.M., Reshetnyak, E.A., Nikitina, N.A., Panteleimonov, A.V. , Kholin, Yu.V.	A test method for determining total metals with an indicator paper and its performance characteristics (2004) Zhurnal Analiticheskoi Khimii, 59 (10), pp. 1101-1108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5644238537&partnerID=40&md5=5e13d0162205da1a10506629615059e
246	Petchenko, G.A. , Petchenko, A.M.	Dependence of electronic color center concentration on the state of irradiated LiF crystal dislocation structure (2015) Problems of Atomic Science and Technology, 96 (2), pp. 25-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928655071&partnerID=40&md5=18f9c1e41fc40a45ed28065439d0d7ef
	Petchenko, G.A. , Petchenko, A.M.	Influence of elastic stresses and temperature on the dislocation unpinning from the stoppers in KCl crystals (2015) Functional Materials, 22 (3), pp. 293-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944553598&doi=10.15407%2Ffm.22.03.293&partnerID=40&md5=6718730a0c0a54f89b525565106e72a1
	Petchenko, G.A. , Ovchinnikov, S.S.	The effect of preliminary deformation and irradiation on the optical absorption in LiF crystals (2014) Problems of Atomic Science and Technology, 90 (2), pp. 29-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928682097&partnerID=40&md5=9514fb80927435d25d0e0894070f73a6
	Petchenko, G.A.	Research of the preliminary deformation and irradiation effect on the viscousdamping of dislocations in LiF crystals (2013) Functional Materials, 20 (3), pp. 315-320.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885045209&partnerID=40&md5=6c9572d08040d58481c544eff5864420
	Petchenko, G.A.	The study of the dynamic and structure characteristics in irradiated LiF crystals (2013) Problems of Atomic Science and Technology, (2), pp. 55-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876237026&partnerID=40&md5=19857b0e9b72c661ac7c4fd175ea3379
	Petchenko, G.A.	Dynamic damping of dislocations in the irradiated LiF crystals (2012) Functional Materials, 19 (4), pp. 473-477.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876213536&partnerID=40&md5=e5c7f6423196f1a7c2ca6b2ac2ad4783
	Petchenko, G.A.	The investigation of the dislocations resonant losses of ultrasonic sound in irradiated LiF single crystals in the interval of irradiation doses 0...400 r (2012) Problems of Atomic Science and Technology, (2), pp. 36-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860118401&partnerID=40&md5=876930ef4c04d03144be6a9bdfdb42
	Petchenko, G.A. , Petchenko, A.M.	The study of the dislocation resonance in LiF crystals under the influence of the low-dose X-irradiation (2010) Functional Materials, 17 (4), pp. 421-424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876266779&partnerID=40&md5=20b67957875e18045fc94c605bb8631b
	Matsokin, V.P., Petchenko, G.A.	Viscous dislocation drag in KBr crystals at 77-300 K (2000) Fizika Nizkikh Temperatur (Kharkov), 26 (7), p. 710.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039174362&partnerID=40&md5=79fccab0f867000474c003caf4b2a4d

	Matsokin, V.P., Petchenko, G.A.	Viscous dislocation drag in KBr crystals at temperatures of 77-300 K (2000) Low Temperature Physics, 26 (7), pp. 517-521.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749839735&partnerID=40&md5=4ee6ba9dedca7983e2e622868e389310
247	Zyman, Z., Epple, M., Goncharenko, A., Rokhmistrov, D. , Prymak, O., Loza, K.	Peculiarities in thermal evolution of precipitated amorphous calcium phosphates with an initial Ca/P ratio of 1:1 (2017) Journal of Materials Science: Materials in Medicine, 28 (3), статья № 52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012906129&doi=10.1007%2fs10856-016-5820-4&partnerID=40&md5=5eb0c9de8cd9ea76a6d0ed4680769838
	Zyman, Z., Epple, M., Goncharenko, A., Rokhmistrov, D. , Prymak, O., Loza, K.	Thermally induced crystallization and phase evolution in powders derived from amorphous calcium phosphate precipitates with a Ca/P ratio of 1:1 (2016) Journal of Crystal Growth, 450, pp. 190-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977614083&doi=10.1016%2fj.jcrysgro.2016.06.014&partnerID=40&md5=13b9f833ce1543115763ec3c3e3398ce
	Zyman, Z., Epple, M., Goncharenko, A., Rokhmistrov, D.	Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface (2013) Materialwissenschaft und Werkstofftechnik, 44 (2-3), pp. 259-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875277030&doi=10.1002%2fmaew.201300095&partnerID=40&md5=f85c1c64d825cf9ecd92892afa30c4c9
	Rokhmistrov, D.V. , Nikolov, O.T., Gorobchenko, O.A., Loza, K.I.	Study of structure of calcium phosphate materials by means of electron spin resonance (2012) Applied Radiation and Isotopes, 70 (11), pp. 2621-2626.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8486557365&doi=10.1016%2fj.apradiso.2012.07.020&partnerID=40&md5=21e81a7f44d1a435116603c6c6be4ca6
	Zyman, Z., Rokhmistrov, D. , Glushko, V.	Structural changes in precipitates and cell model for the conversion of amorphous calcium phosphate to hydroxyapatite during the initial stage of precipitation (2012) Journal of Crystal Growth, 353 (1), pp. 5-11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861429622&doi=10.1016%2fj.jcrysgro.2012.04.041&partnerID=40&md5=69cc7bfb757603facc02f0ba4ab594616
	Zyman, Z., Goncharenko, A., Rokhmistrov, D. , Epple, M.	Nanocrystalline calcium-deficient hydroxyapatite prepared by a microwave-assisted solvent-free reaction (2011) Materialwissenschaft und Werkstofftechnik, 42 (2), pp. 154-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951993021&doi=10.1002%2fmaew.201100749&partnerID=40&md5=7515ecb0f8626df9d421e09ae2a2899a
	Zyman, Z.Z., Rokhmistrov, D.V. , Glushko, V.I.	Structural and compositional features of amorphous calcium phosphate at the early stage of precipitation (2010) Journal of Materials Science: Materials in Medicine, 21 (1), pp. 123-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74949108433&doi=10.1007%2fs10856-009-3856-4&partnerID=40&md5=f7db7c849385d17507fd7866d5cc21ab
	Zyman, Z.Z., Rokhmistrov, D.V. , Glushko, V.I., Ivanov, I.G.	Thermal impurity reactions and structural changes in slightly carbonated hydroxyapatite (2009) Journal of Materials Science: Materials in Medicine, 20 (7), pp. 1389-1399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649103554&doi=10.1007%2fs10856-009-3706-4&partnerID=40&md5=a2e0cfe0f04caa2294e0c4a57262b4c4
	Zyman, Z., Epple, M., Rokhmistrov, D. , Glushko, V.	On impurities and the internal structure in precipitates occurring during the precipitation of Nanocrystalline calcium phosphate (2009) Materialwissenschaft und Werkstofftechnik, 40 (4), pp. 297-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649191814&doi=10.1002%2fmaew.200800445&partnerID=40&md5=d3aa3319e4a6818cc00750fca4d6b8b7
	Zyman, Z., Rokhmistrov, D. , Ivanov, I., Epple, M.	The influence of foreign ions on the crystal lattice of hydroxyapatite upon heating (2006) Materialwissenschaft und Werkstofftechnik, 37 (6), pp. 530-532.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745755415&doi=10.1002%2fmaew.200600032&partnerID=40&md5=2d8e0aa3237e5f2b04411f862d254735
248	Korshak, V.F., Shapovalov, Y.A. , Prymak, O., Kryshal, A.P., Vasilenko, R.L.	Structural changes in Bi-43 wt % Sn eutectic alloy under superplastic deformation (2015) Physics of Metals and Metallography, 116 (8), pp. 829-837.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938633073&doi=10.1134%2fS0031918X15060034&partnerID=40&md5=fd8f0ba76f50817b408ed401b851f754
	Korshak, V.F., Shapovalov, Yu.A. , Vaselenko, N.N.	Structural and phase relaxation in superplastic eutectic alloy Sn-38% wt. Pb (2015) Metallofizika i Noveishie Tekhnologii, 37 (12), pp. 1633-1642.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962732536&partnerID=40&md5=68f1af63405d3708f7fa003171ff0915
	Korshak, V.F., Mateychenko, P.V., Shapovalov, Y.A.	Peculiarities of the volume ratio of α and β phases in the superplastic eutectic Bi-43 wt % Sn Alloy (2014) Physics of Metals and Metallography, 115 (12), pp. 1249-1258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919343298&doi=10.1134%2fS0031918X14120047&partnerID=40&md5=c2bdc759b7eb4cc1908fa2f40393988a
	Korshak, V.F., Shapovalov, Y.A. , Samsonik, A.L., Mateichenko, P.V.	X-ray diffraction study of structural and phase states of a superplastic sn-38 wt % pb alloy and their variations under the effect of external mechanical stresses and aging (2012) Physics of Metals and Metallography, 113 (2), pp. 190-199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859707274&doi=10.1134%2fS0031918X1202007X&partnerID=40&md5=c82698e6c83e29146b7f7274713b36
	Korshaka, V.F., Shapovalov, Yu.A. , Pal-Val, P.P., Mateichenko, P.V.	Changes in the structural phase state and elastic and inelastic properties of superplastic eutectic sn-38% wt pb alloy during the aging process (2011) Bulletin of the Russian Academy of Sciences: Physics, 75 (10), pp. 1345-1351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856012811&doi=10.1134%2fS1062873811100200&partnerID=40&md5=f6b38bed4ad2c0117af3867a2a7ea8e3
	Korshak, V.F., Chushkina, R.A., Shapovalov, Yu.A. , Mateichenko, P.V.	Phase state of a Bi-43 wt % Sn superplastic alloy and its changes under the effect of external mechanical stresses and aging (2011) Physics of Metals and Metallography, 112 (1), pp. 72-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960998727&doi=10.1134%2fS0031918X11030094&partnerID=40&md5=3651d40a88676ab20ccb0ed63a0305b6
	Korshak, V.F., Kryshal', A.P., Shapovalov, Y.A. , Samsonik, A.L.	Hydrodynamic flow of the eutectic under the conditions of superplasticity (2010) Physics of Metals and Metallography, 110 (4), pp. 385-393.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649956154&doi=10.1134%2fS0031918X10100091&partnerID=40&md5=12f7fe53d01f3f1813b39587f1303736
	Korshak, V.F., Shapovalov, Yu.A.	Some aspects of superplastic flow of eutectic alloys connected with metastability (2009) Physics of Metals and Metallography, 107 (4), pp. 394-399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65449123125&doi=10.1134%2fS0031918X09040103&partnerID=40&md5=ec303ec94576547065f27de791ead39b
	Lee, D.B., Shapovalov, Y.A.	High temperature oxidation of WC-ZrN superhard nanocomposite film (2006) Materials Science Forum, 510-511, pp. 414-417.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35748934198&partnerID=40&md5=bd4b536755d18dd4f82ba7637a782fa1
	Shapovalov, Y.A. , Lee, D.B.	High temperature oxidation of TiAl(La)N coating deposited on a steel substrate by arc-ion plating (2006) Materials Science Forum, 510-511, pp. 410-413.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35748959958&partnerID=40&md5=47bd8d3a0a1082528dad927b02d1be07
249	Yunakova, O.N., Yunakov, N.N. , Kovalenko, E.N., Kovalenko, V.V.	The exciton absorption spectrum of thin films of superionic conductor CuPb3Br7 (2016) Fizika Nizkikh Temperatur, 42 (9), pp. 981-985.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983647281&partnerID=40&md5=a3b4fc55bde659a8be2a70db6aba5ca
	Yunakova, O.N., Yunakov, N.N. , Kovalenko, E.N., Kovalenko, V.V.	The exciton absorption spectrum of thin CuPb3Br7 superionic conductor films (2016) Low Temperature Physics, 42 (9), pp. 768-771.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990931515&doi=10.1063%2f1.4963327&partnerID=40&md5=248dff75e509c79eda1300b6e9b31441
	Kovalenko, V.V., Kovalenko, E.N., Yunakova, O.N., Yunakov, N.N.	Exciton absorption spectra of KPb2Br5 thin films (2016) Functional Materials, 23 (4), pp. 570-575.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008156618&doi=10.15407%2ffm23.04.394&partnerID=40&md5=ddf45959bef8d028f7e7c2032c29933d
	Bizyukov, A.A., Girk, O.I., Romashchenko, E.V., Sereda, K.N., Yunakov, N.N.	Self-compensation of the focused ion beam space charge (2013) Problems of Atomic Science and Technology, (1), pp. 204-206.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876169582&partnerID=40&md5=3492efb83fd5a9deceae8307c9cc07fa
	Tseluyko, A.F., Lazuryk, V.T., Ryabchikov, D.V., Maslov, V.I., Azarenkov, N.A., Sereda, I.N., Zinov'ev, D.V., Yunakov, N.N. , Makienko, A.A.	Dynamics and directions of extreme ultraviolet radiation from plasma of the high-current pulse diode (2009) Problems of Atomic Science and Technology, (1), pp. 165-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650629294&partnerID=40&md5=6d6cb67691af24144be1e9901b3e0312f9
	Bizyukov, A.A., Kashaba, A.E., Sereda, K.N., Tseluyko, A.F., Yunakov, N.N.	Autocompensation of an ion beam in an accelerator with an anode sheath (1997) Technical Physics Letters, 23 (5), pp. 403-404.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031520696&partnerID=40&md5=6ba2184a682b23355e78d2141b264d9e
	Bizioukov, A.A., Kashaba, A.Y., Sereda, K.N., Tseluyko, A.Ph., Yunakov, N.N.	Multichannel source of synthesized ion-electron flow (1996) Review of Scientific Instruments, 67 (12), pp. 4117-4119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5944231287&partnerID=40&md5=dba645f384d011cbb032dbeb55ee3474
	Zinov'ev, D.V., Tseluyko, A.F., Farenik, V.I., Yunakov, N.N.	Forming of intensive metal ion flows in plasma beam discharge (1996) IEEE International Conference on Plasma Science, p. 150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029711961&partnerID=40&md5=f26da0df433f882fa0fbc180553fe7fc
	Tseluyko, A.F., Zinov'ev, D.V., Yunakov, N.N. , Chunaadra, A.G.	Ion flows created by reflecting arc discharge with hot cathode (1996) IEEE International Conference on Plasma Science, pp. 222-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029711013&partnerID=40&md5=2ea9e7b6ebf32a5b35940c996b8413d0

	Bizioukov, A.A., Kashaba, A.Y., Yunakov, N.N.	Investigation of cathode layer in the discharge with oscillating electrons (1996) IEEE International Conference on Plasma Science, p. 159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029725055&partnerID=40&md5=777fe3b0f2819d20d4556ab1c92728f
250	Al'pern, D.E. , Lipshits, R.U.	Inflammation mediators [Mediatory vospaleniia.] (1966) Arkhiv Patologii, 28 (4), pp. 3-13.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013998183&partnerID=40&md5=76d0cacdb78c4b67cd07e8fcd170cba
	Al'pern, D.E. , Sidorenko, E.V.	Changes in the hypothalamic nuclei in in experimental allergy (1964) Bulletin of Experimental Biology and Medicine, 55 (4), pp. 461-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250579643&doi=10.1007%2Fb00785680&partnerID=40&md5=c6d174e03ce198ddcb2f5d51909ea363
	AL'PERN, D.E.	On anti-allergic activity of pituitary extracts and hormones. (1960) Patologicheskaiia fiziologiia i eksperimental'naia terapiia, 4, pp. 12-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-72849157706&partnerID=40&md5=f383371f4725dc4414132e124219e067
	AL'PERN, D.E. , LIPSHITS, R.U.	Nucleic acids and substances of the adenyl system in the pathogenesis of inflammation. (1959) Arkhiv patologii, 21, pp. 7/-.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449279900&partnerID=40&md5=86e9e427ceb081cb31ae2125e977de10
	AL'PERN, D.E.	Pathogenic principles of experimental therapy of inflammatory processes. [Patogeneticheskoi obosnovanie eksperimental'noi terapii vospalitel'nogo protsessa.] (1957) Patologicheskaiia fiziologiia i eksperimental'naia terapiia, 1 (5), pp. 47-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449180865&partnerID=40&md5=c1788602e1995aade7146ecb3578b2b4
	AL'PERN, D.E.	Biochemical factors in pathogenesis of inflammation [Biokhimicheskie faktory v patogeneze vospaleniia] (1956) Arkhiv patologii, 18 (4), pp. 3-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961008851&partnerID=40&md5=b009a6cb30613534f4ee27328194aa7b
	AL'PERN, D.E.	Characteristics of one of pituitary extracts and its relation to ACTH. [O svoistvakh odnogo iz ekstraktov gipofiza i ego otnoshenii k adrenokortikotropnomu hormonu.] (1955) Problemy endokrinologii i gormonoterapii, 1 (3), pp. 16-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77049247161&partnerID=40&md5=baac2a8f997957baa8fc137e34bed316
	AL'PERN, D.E. , LIPSHITS, R.U.	Reflex mechanism of the effect of adenosintriphosphoric acid on vascular permeability and on migration of leukocytes in inflammation [O reflektornom mekhanizme deistviia adenzintrifosfornoii kisloty na pronitsaemost' sudov i emigratsiiu leikotsitov pri vospalenii] (1953) Doklady Akademii nauk SSSR, 89 (2), pp. 363-364.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958725403&partnerID=40&md5=b2eac064735f93a33bd0aa5d96d53bdb
	AL'PERN, D.E. , LINPSHITS, R.U.	Significance of adenylic and adenosintriphosphoric acids in permeability, chemotaxis and phagocytosis in inflammation [Znachenie adenilovoi i adenzintrifosfornoii kislot v pronitsaemosti, khimiotaksise i fagotsitoze pri vospalenii] (1951) Doklady Akademii nauk SSSR, 80 (3), pp. 489-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932204051&partnerID=40&md5=34d97f23976db33845c4679765ae1dea
251	Barannik, T.V. , Inshina, N.M., Kaliman, P.A.	Free heme pool and activity of key enzyme of heme synthesis in the rat liver under action of agents affecting reduced glutathione level (2005) Ukrain'skyi Biokhimichnyi Zhurnal, 77 (5), pp. 120-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-32344445660&partnerID=40&md5=48abaf8f67d30b2f7f4968dbfe211d9f
	Kaliman, P.A., Barannik, T. , Strel'chenko, E., Inshina, N., Sokol, O.	Intracellular redistribution of heme in rat liver under oxidative stress: The role of heme synthesis (2005) Cell Biology International, 29 (1), pp. 9-14.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14844338618&doi=10.1016%2fj.cellbi.2004.11.004&partnerID=40&md5=f74d168ef238f6757844df36f27ee97f
	Kaliman, P.A., Strel'chenko, K.V., Barannik, T.V. , Nikitchenko, I.V., Inshina, N.M., Pavychenko, O.V., Fylymonenko, V.P.	Metabolism of heme and hemoproteins and some indices of the antioxidant system in rat erythrocytes and tissues under anemia caused by phenylhydrazine [Metabolizm hemu ta hemoproteiniv i deaki pokaznyky antioksydantnoi systemy v erytrotsytakh i tkanyakh shchuriv pry fenilhidrazynovii anemii.] (2003) Fizioliolichnyi zhurnal (Kiev, Ukraine : 1994), 49 (2), pp. 66-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0242336485&partnerID=40&md5=1a69981ad33d87814a22b623a7b631f4
	Kaliman, P.A., Barannik, T.V.	Heme metabolism and oxidative stress (2001) Ukrain'skyi Biokhimichnyi Zhurnal, 73 (1), pp. 12-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035236910&partnerID=40&md5=df210d623c33d78a6f8a0d9ab433c334
	Kaliman, P.A., Nikitchenko, I.V., Barannik, T.V. , Sokol, O.A.	Metabolism of heme and hemoproteins in rat liver upon administration of mercuric chloride [Metabolizm gema i gemoproteinov v pecheni krys pri vvedenii khlorida ruti.] (1999) Ukrain'skii biokhimicheskii zhurnal, 71 (6), pp. 81-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033223580&partnerID=40&md5=e5ab2de323b48ee649df4b787c0671ed
	Kaliman, P.A., Barannik, T.V.	Regulation of delta-aminolevulinate synthase activity during the development of oxidative stress (1999) Biokhimiya, 64 (6), pp. 836-842.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033149051&partnerID=40&md5=f1e009d48881e11ed59217316a5b0b3b
	Kaliman, P.A., Barannik, T.V.	Regulation of δ -Aminolevulinate Synthase Activity during the Development of Oxidative Stress (1999) Biochemistry (Moscow), 64 (6), pp. 699-704.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033142985&partnerID=40&md5=8745c36b699548d103550782d6964df5
	Kaliman, P.A., Zagayko, A.L., Shalamov, R.V., Ganusova, G.V., Barannik, T.V. , Skripnik, E.V., Sokolik, V.V., Shabi, B.C.	Rat Blood and Liver Lipoproteins Content and Composition and Some Characteristics of Oxidative Stress under Cobalt Chloride Injection (1997) Ukrain'skyi Biokhimichnyi Zhurnal, 69 (5-6), pp. 147-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347738477&partnerID=40&md5=7168e4fa21ba422a962d2f604a1a8d36
	Kaliman, P.A., Zagaiko, A.L., Shalamov, R.V., Ganusova, G.V., Barannik, T.V. , Skripnik, E.V., Sokolik, V.V., Shabi, B.K.	Content and composition of lipoproteins of rat blood and liver and various parameters of oxidative stress during administration of cobalt chloride [Soderzhanie i sostav lipoproteinov krovi i pecheni krys i nekotorye pokazateli oksilitel'nogo stressa pri vvedenii khlorida koba'lta.] (1997) Ukrain'skii biokhimicheskii zhurnal, 69 (5-6), pp. 138-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031219652&partnerID=40&md5=a6fca9865e9b206449134be5c4f4f6ba
252	Akimov, L.A., Belkina, I.L.	Asymmetry of distribution of Hα-flares on the solar disk in the 21st cycle (2015) Kinematics and Physics of Celestial Bodies, 31 (3), pp. 141-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932623712&doi=10.3103%2FIS0884591315030022&partnerID=40&md5=4952cd404ffb2628de1972201ddc8da9
	Akimov, L.A., Belkina, I.L. , Marchenko, G.P.	Flare on 2011 September 22 and coronal mass ejection from observations in the He I 10830-Å line (2014) Monthly Notices of the Royal Astronomical Society, 439 (1), pp. 193-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894661864&doi=10.1093%2Fmnras%2fstt2344&partnerID=40&md5=9717ce961cbb516bf102dac3675abe9b
	Akimov, L.A., Belkina, I.L.	Rieger quasi-periodicity in solar indices (2012) Solar System Research, 46 (3), pp. 243-252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861155407&doi=10.1134%2FS0038094612020013&partnerID=40&md5=ff82398cfd165fe82da8f8be2e01c17a7
	Marchenko, G.P., Akimov, L.A., Belkina, I.L. , Velikodskiy, Y.I.	Solar chromosphere in the D3 helium line from spectra of the eclipse of March 29, 2006 (2011) Kinematics and Physics of Celestial Bodies, 27 (4), pp. 183-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052042668&doi=10.3103%2FS0884591311040076&partnerID=40&md5=c2a256940e5de7f843bf1ff042ebd288
	Akimov, L.A., Belkina, I.L.	The 156-day quasi-periodicity in solar indices (2011) Kinematics and Physics of Celestial Bodies, 27 (3), pp. 131-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959928090&doi=10.3103%2FS0884591311030032&partnerID=40&md5=ec41d7e73ed3ceac6c4be52e902eb864c
	Akimov, L.A., Belkina, I.L. , Kuzin, S.V., Pertsov, A.A., Zhitnik, I.A.	Quasi-synchronism of bursts in solar coronal structures in the Mg XII 0.84-nm line from CORONAS-F/SPIRIT experimental data (2008) Astronomy Letters, 34 (12), pp. 851-862.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57249090442&doi=10.1134%2FS1063773708120050&partnerID=40&md5=8ce40928e9129723c39826759a25ac87
	Akimov, L.A., Beletskii, S.A., Belkina, I.L. , Bugaenko, O.I., Velikodskii, Yu.I., Zhitnik, I.A., Ignat'ev, A.P., Korokhin, V.V., Kuzin, S.V., Marchenko, G.P., Pertsov, A.A.	Quasi-periodicity of MgXII X-ray bursts revealed by CORONAS-F SPIRIT data for solar active regions (2005) Astronomy Reports, 49 (7), pp. 579-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544467775&doi=10.1134%2F1.1985955&partnerID=40&md5=315e8fec03d8735ed7609280111b1da8
	Kurochka, L.N., Belkina, I.L. , Beletskii, S.A., Korokhin, V.V., Marchenko, G.P.	Observations and analysis of emission from solar active regions at the edge of the Balmer continuum (1997) Astronomy Reports, 41 (3), pp. 404-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031487883&partnerID=40&md5=b352b252633c328e2af6ae1af18a0587

	Livshits, M.A., Akimov, L.A., Belkina, I.L. , Dyatel, N.P.	Helium emission in the middle chromosphere (1976) Solar Physics, 49 (2), pp. 315-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26444607256&doi=10.1007%2FbF00162455&partnerID=40&md5=7d57647b3e884e2464d5266e13d3d08b
253	Zheng, Y., Beloshenko, K.S. , Shulga, S., Wojnarowski, R., Sheregii, E.M., Prokhorenko, S.	Optical properties of colloidal gold nanoparticles implemented into a subsurface layer of fused silica (2017) Ukrainian Journal of Physical Optics, 18 (2), pp. 102-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019199007&doi=10.3116%2F16091833%2F18%2F2f102%2F2017&partnerID=40&md5=5151f1204acc2c7bcd5819da555daad
	Ageev, L.A., Miloslavskii, V.K., Beloshenko, K.S.	Peculiarities of spontaneous grating generation in light-sensitive waveguide layers during holographic grating formation (2010) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 109 (6), pp. 971-977.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951738570&doi=10.1134%2FS0030400X10120222&partnerID=40&md5=0ae62ec33ad99b4d09eccd2a0acf4cf
	Beloshenko, K.S. , Ageev, L.A., Miloslavskiy, V.K.	Implantation of a holographic structure and waveguide periodic structures formed by silver nanoparticles into AgCl-Ag film and quartz glass (2010) Functional Materials, 17 (2), pp. 256-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888214389&partnerID=40&md5=85b479541039204da63593faf19632c
	Makovetsky, E.D., Miloslavskiy, V.K., Ageev, L.A., Beloshenko, K.S. , Karazin, V.N.	Fused silica as a composite nanostructured material (2010) Proceedings - 10th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2010, статья № 5624233, pp. 104-106.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888334501&doi=10.1109%2FLFN.M.2010.5624233&partnerID=40&md5=2c184d24bba88e14e4a8bee77db0fcfb
	Miloslavskiy, V.K., Makovetsky, E.D., Ageev, L.A., Beloshenko, K.S.	Fused silica as a composite nanostructured material (2009) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 107 (5), pp. 811-815.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73349091196&doi=10.1134%2FS0030400X09110204&partnerID=40&md5=5e64540dd6170d19d312755ede690258
	Ageev, L.A., Beloshenko, K.S. , Makovetsky, E.D., Miloslavskiy, V.K.	Implantation of periodic structures formed by silver particles into quartz glass (2009) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 107 (5), pp. 796-802.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73349130396&doi=10.1134%2FS0030400X09110186&partnerID=40&md5=99bca05a006411176fa9d2fe2089e14
	Makovetsky, E.D., Ageev, L.A., Miloslavskiy, V.K., Beloshenko, K.S.	Demonstration of interference and laser generation instabilities in semiconductor laser beam reflected from glass plate (2008) 2008 International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2008, статья № 4670370, pp. 23-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649205468&doi=10.1109%2FLFN.M.2008.4670370&partnerID=40&md5=4c5529543be8cef91aa563764430bd2
	Makovetsky, E.D., Ageev, L.A., Miloslavskiy, V.K., Beloshenko, K.S. , Elashhab, H.	Observations of instabilities in two-mode He-Ne laser radiation by means of interference of polarized beams (2008) 2008 International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2008, статья № 4670369, pp. 20-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649215952&doi=10.1109%2FLFN.M.2008.4670369&partnerID=40&md5=f107de0794e37513d933aa2c90668d04
	Ageev, L.A., Beloshenko, K.S. , Makovetskiy, E.D., Miloslavskii, V.K.	Observation of radiation instabilities of a two-mode He-Ne laser with the help of interference of polarized rays (2008) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 107 (5), pp. 811-815.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47749109462&doi=10.1134%2FS0030400X08070217&partnerID=40&md5=2542574070&partnerID=40&md5=b4fa521e150916f3b8ed2985da65d8c
254	Mchedlov-Petrosyan, N.O., Tychina, O.N., Kislyakova, N.V., Berezhnaya, T.A. , Goga, S.T., Lebed, A.V.	Potentiometric study of protolytic equilibria of triphenylmethane and xanthene compounds in a butanol-1-water mixture (9:1, w/w) (2004) Ukrainskij Khimicheskij Zhurnal, 70 (1-2), pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036723543&doi=10.1016%2FS0167-7322%2802%2900046-6&partnerID=40&md5=7df4359ee293504c937c9ce5f124e767
	Aleksandrov, V.V., Tychina, O.N., Berezhnaya, T.A. , Mchedlov-Petrosyan, N.O.	Protonic acidity scales in the system n-butyl alcohol - Water (2002) Journal of Molecular Liquids, 100 (3), pp. 255-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036723543&doi=10.1016%2FS0167-7322%2802%2900046-6&partnerID=40&md5=7df4359ee293504c937c9ce5f124e767
	Mchedlov-Petrosyan, N.O., Tychina, O.N., Berezhnaya, T.A. , Alekseeva, V.I., Savvina, L.P.	Ionization and tautomerism of oxyxanthene dyes in aqueous butanol (1999) Dyes and Pigments, 43 (1), pp. 33-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032626129&partnerID=40&md5=cda91c155c95bd488a463640f1ec17a
	Berezhnaya, T.A. , Uvarova, O.N., Aleksandrov, V.V.	Proton activity scales in 2-propanol-water mixtures (1996) Chemical Physics Reports, 15 (11), pp. 1679-1684.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444290056&partnerID=40&md5=d9b08ca44508dc593658c6a058cf4a
	Aleksandrov, V.V., Berezhnaya, T.A. , Borodenko, V.I., Kabakova, E.N.	Acidity in nonaqueous media: Theoretical interpretation and practical application (1996) Chemical Physics Reports, 15 (11), pp. 1635-1645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0010024254&partnerID=40&md5=3f6dae0140da9fe510368b3506a0a3f2
	Aleksandrov, V.V., Berezhnaya, T.A. , Borodenko, V.I., Biryukova, I.P., Kostyrko, T.S.	EMF determination of relative solvent basicity (1996) Chemical Physics Reports, 15 (11), pp. 1647-1650.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444224011&partnerID=40&md5=021ef8f468d8f7856e560844359b1c4
	Aleksandrov, V.V., Kabakova, E.N., Berezhnaya, T.A.	Activity coefficients of certain ions in the 2-propanol-water system (1991) Ukrainskij Khimicheskij Zhurnal, 57 (12), pp. 1255-1258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026385977&partnerID=40&md5=a3333a10d176579d9cc2e5c1471bd9ff
	Aleksandrov, V.V., Berezhnaya, T.A. , Borodenko, V.I.	CONDUCTIVITIES OF CERTAIN ELECTROLYTES IN 2-PROPANOL AND ITS MIXTURES WITH DIOXANE. (1987) Soviet electrochemistry, 23 (7), pp. 940-942.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023379156&partnerID=40&md5=ba5c1e9832b23c00d4f3d5ff6502f6a5
	Aleksandrov, V.V., Berezhnaya, T.A. , Borodenko, V.I., Kabakova, E.N., Semekhina, T.I., Tarasova, V.M.	PRACTICAL RECOMMENDATIONS ON MEASURING THE ACIDITY OF NONAQUEOUS MEDIA. (1987) Industrial laboratory, 53 (3), pp. 219-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023308378&partnerID=40&md5=dd3a3a3c3bd26dd5bbc089ae717409f
255	Strasburg, S., Hinshelwood, D.D., Ottinger, P.F., Schumer, J.W., Commisse, R., Stephanakis, S., Chorny, V. , Rose, D.V.	Grad-B drift transport and focusing of high-current electron beams (2003) Physics of Plasmas, 10 (6), pp. 2527-2539.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038305527&doi=10.1063%2F1.1576220&partnerID=40&md5=b80926987f39209f9b696ae1232244f6
	Strasburg, S., Hinshelwood, D.D., Schumer, J.W., Ottinger, P.F., Swanekamp, S.B., Commisso, R.J., Chorny, V.	Ionization physics of electron beams in air (2002) IEEE International Conference on Plasma Science, статья № 427, p. 325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036361223&doi=10.1109%2FPLASMA.2002.1030659&partnerID=40&md5=2c1acf46feb6fbc8ee111fde0f5484a
	Chorny, V. , Pashchenko, A., Shapoval, I., Novikov, V.	Code for studying physical processes in magnetic self-insulation diodes (2001) Japanese Journal of Applied Physics, Part 1: Regular Papers and Short Notes and Review Papers, 40 (2 B), pp. 976-978.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035245551&partnerID=40&md5=55275df65945a7fd760482e49fe49b40
	Chorny, V. , Pashchenko, A., Shapoval, I., Novikov, V.	Smid code for studying physical processes in magnetic self-insulation diodes (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220008, pp. 877-880.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864543091&partnerID=40&md5=f3019c19d73b997f19264f8db9c9814
	Chorny, V. , Chorny, A., Dubina, V., Frolov, A., Solovyov, V., Tsepilov, G., Ushakov, I., Ware, K., Cooperstein, G., Hinshelwood, D., Harper-Slaboszewicz, V., Vitkovitsky, I.	Improved bremsstrahlung targets for multiterawatt modular X-ray generators (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220138, pp. 158-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10744230138&partnerID=40&md5=218e2bbd7cbfd7400c93bfaf80201b1
	Hinshelwood, D.D., Black, D.C., Cooperstein, G., Ottinger, P.F., Rose, D.V., Schumer, J.W., Stephanakis, S.J., Weber, B.V., Chorny, V. , Chorny, A., Dubina, V., Frolov, A., Solovyov, V., Tsepilov, G., Ushakov, I., Harper-Slaboszewicz, V., Vitkovitsky, I., Ware, K.	Electron beam transport system development for multi-terawatt modular x-ray generators (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6219918, pp. 500-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864557356&partnerID=40&md5=b400a23eadd873925a4291f7faa1850
	Yuferov, V., Kotenko, V., Onishchenko, I., Chorny, V. , Sorokovoy, L., Kholod, Yu., Skibenko, E.	Ion acceleration at the disruption of HF-oscillation generation in a microsecond vibrator (1999) Digest of Technical Papers-IEEE International Pulsed Power Conference, 2, pp. 845-847.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033317704&partnerID=40&md5=341ed303ace549ba3514043d7d63ccf9
	Chorny, V. , Frolov, O., Tsepilov, H., Solovyov, V., Dubyna, V., Harper-Slaboszewicz, V., Cooperstein, G., Hinshelwood, D., Schneider, R., Ware, K., Vitkovitsky, I.	Efficient injection of electron beams into magnetic guide fields (1999) Digest of Technical Papers-IEEE International Pulsed Power Conference, 1, pp. 425-428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033316541&partnerID=40&md5=ccb09ae3f802c12b2c7b5687e2001d97
	Chorny, V.V. , Dubina, V.M., Dunaevsky, O.V., Lomako, A.O., Frolov, O.I.	Generator of powerful pulses of x-radiation in ireb-dense gas system (1997) Digest of Technical Papers-IEEE International Pulsed Power Conference, 1, pp. 821-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031365736&partnerID=40&md5=b730918d7011125bc6f48b8ff356b8d

	Lazurik, V.T., Lazurik, V.M. , Popov, G.F., Rogov, Y.V.	Integration of computation methods in dosimetry of radiation processing (2008) Problems of Atomic Science and Technology, (3), pp. 201-205.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549239553&partnerID=40&md5=7a661848c46791e63f6f276141d1b589
	Kaluska, I., Lazurik, V.T., Lazurik, V.M. , Popov, G., Rogov, Yu., Zimek, Z.	The features of electron dose distributions in circular objects: Comparison of Monte Carlo calculation predictions with dosimetry (2007) Radiation Physics and Chemistry, 76 (11-12), pp. 1815-1819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548561497&doi=10.1016%2Fj.radphyschem.2007.03.018&partnerID=40&md5=488f7f31183094810211ce693954ba22
	Lazurik, V.T., Lazurik, V.M. , Popov, G.F., Rogov, Yu.V.	Simulation tool for scanning X-ray beams irradiator (2003) Proceedings of the IEEE Particle Accelerator Conference, 3, pp. 1616-1618.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4143110218&partnerID=40&md5=40dd7d55a9151666676d656fd93bbb30
	Lazurik, V.T., Lazurik, V.M. , Popov, G.F., Rogov, Yu.V.	Integration of simulation methods in control system for EB processing (2003) 2003 International Conference Physics and Control, PhysCon 2003 - Proceedings, 3, статья № 1237042, pp. 1003-1008.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945425262&doi=10.1109%2FPHYCON.2003.1237042&partnerID=40&md5=056ad6e15cff8207c038ab27616df15f
	Lazurik, V. , Tabata, T., Lazurik, V.	A database for electron-material interactions (2001) Radiation Physics and Chemistry, 60 (3), p. 161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035133175&doi=10.1016%2FS0969-806X%2800%2900348-
260	Baryshev, I.V., Gorobets, N.N., Matyukhin, N.I.	A prospective airborne RF holographic long-range information system based on the use of a middle-sized spherical antenna (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (9), pp. 849-854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149107391&doi=10.1615%2FtelecomRadEng.v66.i9.60&partnerID=40&md5=babf8f9e86241f563645ca193e256f13
	Gorobets, N.N., Matyukhin, N.I. , Baryshev, I.V.	A short-range RF holographic information system built around a spherical antenna of middle-sized aperture (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (19), pp. 1725-1733.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149065158&doi=10.1615%2FtelecomRadEng.v66.i19.20&partnerID=40&md5=50b94dee7df4ec055334024e88d75b73
	Matyukhin, N.I.	Behavior of multifunctional conflict-controlled location information system based on a holographic approach in the observation of the target flow under conditions of intensive countermeasures (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (7-8), pp. 48-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144452417&partnerID=40&md5=42b1fe73d40330b2b1f0df0c0780fd1d
	Matyukhin, N.I.	Determination of performance time for the complete set of operations in a multifunction radar system with arbitrary time distributions of particular operations (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (3), pp. 32-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032277752&partnerID=40&md5=6d5a27e648cc27164a7e9812157e4358
	Matyukhin, N.I.	Multistatic coherent radar system (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (4), pp. 12-14.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044442324&partnerID=40&md5=dad8ec9f29c01aac2925d892a7498d12
	Matyukhin, N.I.	A differential game method for dynamic synthesis, analysis, and state control of a holographic radar system with enhanced multifunction dynamic performance capability (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 91-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844467180&partnerID=40&md5=91fddc94ef264e4de9c295ddff3ea80
	Matyukhin, N.I.	Quasi-optimum algorithm for radioholographic system antenna self-focusing for reception as to single target with its location evaluation in the presence of additive and multiplicative disturbances (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (4), pp. 79-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031293968&partnerID=40&md5=34a88dbba75d727bb1504ad4ec847779
	Matyukhin, N.I.	Multi-positional coherent radar system antenna self-focusing for transmission as many targets having equal effective scattering areas (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (4), pp. 74-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031294465&partnerID=40&md5=a6263d753459f1783031802c0dad444e
	Matyukhin, N.I.	Quasi-optimum algorithm for radioholographic system antenna self-focusing for reception as to many targets in the presence of additive and multiplicative disturbances (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (4), pp. 83-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031294791&partnerID=40&md5=b9fda3f023f7097f367d6b4ce135b162
261	Kononchuk, R.D., Morgun, O.N., Nemchenko, K.E.	Spatial Resolution in Scanning Direction in Detectors Based on Signal Accumulation with Time Delay (2015) Biomedical Engineering, 48 (5), pp. 253-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939959695&doi=10.1007%2F10527-015-9464-3&partnerID=40&md5=7ccf23066873d37300c289ce821c387e
	Zhlobinskaya, S.V., Morgun, O.N., Nemchenko, K.E.	Multifunctional digital x-ray image detectors (2008) Biomedical Engineering, 42 (5), pp. 256-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-60549109596&doi=10.1007%2F10527-009-9063-2&partnerID=40&md5=5278902011c60b21650b898858e3ec13
	Morgun, O.N., Nemchenko, K.E. , Rogov, I.V.	A study of the necessity of cooling of charge-coupled devices in x-ray imaging systems (2006) Meditsinskaya tekhnika, (1), pp. 15-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646571519&partnerID=40&md5=a788692d71ef2aa94c90f34e6b1cc0ef
	Morgun, O.N., Nemchenko, K.E. , Rogov, Yu.V.	A study of the necessity for cooling of charge-coupled devices in X-ray imaging systems (2006) Biomedical Engineering, 40 (1), pp. 16-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33744782854&doi=10.1007%2F10527-006-0031-9&partnerID=40&md5=c3e619f10f0d760fcb6f3a1b79ffab72
	Morgun, O.N., Nemchenko, K.E. , Rogov, Yu.V.	Detection quantum efficiency as a quality parameter of visualization equipment (2003) Meditsinskaya Tekhnika, (5), pp. 19-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347413474&partnerID=40&md5=0e7e8b076c65f42415cb55d2fc32841
	Morgun, O.N., Nemchenko, K.E. , Rogov, Yu.V.	A quantitative parameter used in an objective quality comparison of digital systems of X-ray image visualization (2003) Meditsinskaya Tekhnika, (5), pp. 6-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942640662&partnerID=40&md5=574bf4e36a9b6cd3f7f3514399dbd2d
	Morgun, O.N., Nemchenko, K.E. , Rogov, Yu.V.	A quantitative parameter for objective comparison of the quality of digital X-ray imaging systems (2003) Biomedical Engineering, 37 (5), pp. 243-245.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242763067&doi=10.1023%2FB%3aBIEN.0000012488.15568.2a&partnerID=40&md5=43c5f07f2cf17a53e6f150eb24968055
	Morgun, O.N., Nemchenko, K.E. , Rogov, Yu.V.	Detective quantum efficiency as a quality parameter of imaging equipment (2003) Biomedical Engineering, 37 (5), pp. 258-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242743776&doi=10.1023%2FB%3aBIEN.0000012492.86996.20&partnerID=40&md5=443b466aac91e1393307fcabfa742e43
	Dubina, V.N., Morgun, O.N., Nemchenko, K.E.	A method of reconstructing three-dimensional images based on backscattered X-rays (1999) Russian Journal of Nondestructive Testing, 35 (9), pp. 689-694.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033235743&partnerID=40&md5=2b3aa37f7a62c3209f6afef365d4b224
262	Nikolaevskii, Yu.A.	Totally umbilical submanifolds in $G(2, n)$. II (1994) Journal of Mathematical Sciences, 72 (4), pp. 3212-3222.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249763157&doi=10.1007%2FBF01249521&partnerID=40&md5=040d9edddca44fd8a51da955fea03246
	Nikolaevskii, Yu.A.	On Fenchel's problem (1994) Mathematical Notes, 56 (5), pp. 1158-1164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249756777&doi=10.1007%2FBF02274663&partnerID=40&md5=bb797bfc6dc08296dbd4f8a369da0bf
	Nikolaevskii, Yu.A.	Totally umbilical manifolds in $G(2, n)$. I (1994) Journal of Mathematical Sciences, 69 (1), pp. 888-899.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249768281&doi=10.1007%2FBF01250820&partnerID=40&md5=27ab7d452cccc4c2b0c4040f41b19837
	Nikolaevskii, Y.A.	Classification of multidimensional submanifolds in euclidean space with a totally geodesic gauss image (1993) Sbornik Mathematics, 76 (1), pp. 225-246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350329973&doi=10.1070%2FISM1993v076n01ABEH003410&partnerID=40&md5=a50fceaef2a43a7e3d71513ca2370f00
	Borisenko, A.A., Nikolaevskii, Yu.A.	Classification of the points of three-dimensional surfaces according to the Grassmann image (1992) Journal of Soviet Mathematics, 59 (2), pp. 697-709.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249834650&doi=10.1007%2FBF01097166&partnerID=40&md5=a9535f81d7b9103520e3158188dcd33

	Nikolaevskii, Yu.A.	Extrinsic spheres in a symmetric space (1992) Mathematical Notes, 51 (2), pp. 155-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249834877&doi=10.1007%2FBF02102122&partnerID=40&md5=5dac a7090f26eca360246078dee2a04
	Nikolaevskii, Yu.A.	On surfaces whose Grassmann image has curvature of at least one (1991) Journal of Soviet Mathematics, 53 (5), pp. 516-526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249928995&doi=10.1007%2FBF01109655&partnerID=40&md5=a201 b86abf1bdac0e0140a8e473c5f
	Borisenko, A.A., Nikolaevskii, Yu.A.	Algebraic surfaces defined by a homogeneous polynomial (1990) Journal of Soviet Mathematics, 51 (5), pp. 2497-2502.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249957092&doi=10.1007%2FBF01104162&partnerID=40&md5=820a 07a7e5474562398bbd1c5f9f41d4
	Borisenko, A.A., Nikolaevskii, Yu.A.	Surfaces with maximal curvature of the Grassmann image (1990) Mathematical Notes of the Academy of Sciences of the USSR, 48 (3), pp. 880-885.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249960767&doi=10.1007%2FBF01157428&partnerID=40&md5=37ea
263	Bobyrev, V.N., Gaishenets, V.F., Nikolov, O.T.	Free-radical lipid oxidation in rabbits with the alimentary peroxidation syndrome [Svobodonoradikal'noe okislenie lipidov u krolikov s alimentarnym sindromom peroksidatsii.] (1988) Voprosy pitaniia, (5), pp. 57-59.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024082849&partnerID=40&md5=c6d432906906ccf839926283fea86c 9
	Korkhova, E.D., Chepel, L.M., Nikolov, O.T.	ESR spectra of silkworm grain (Russian) (1976) Biofizika, 21 (1), pp. 107-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016901232&partnerID=40&md5=f1f7a9869246a8c98980e66157cfb386
	Korkhova, Ye.D., Chepel', L.M., Nikolov, O.T. , Komar', I.N., Shakhbazov, V.G.	EPR spectra of eggs of silkworm moth (1976) Biophysics, 21 (1), pp. 106-111.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017060149&partnerID=40&md5=dba498851c74c0bfa06a09d405f3a7c6
	Komar', I.N., Nikolov, O.T. , Maier, I.	The structure of free radicals formed by γ irradiation of γ -glycine (1976) Theoretical and Experimental Chemistry, 10 (6), pp. 694-695.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250396319&doi=10.1007%2BF00526903&partnerID=40&md5=64f7 3e8684ff6a6617be07b062e15aaf
	Komar', I.N., Nikolov, O.T. , Pal, Sh.	A new radiation defect formed in γ -irradiated glycine (1976) Theoretical and Experimental Chemistry, 10 (6), pp. 696-698.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250401263&doi=10.1007%2BF00526904&partnerID=40&md5=e8e1 7f75ad4f01e581006d2926005c4a
	Nikolov, O.T. , Komar', I.N., Orlov, V.D., Nevil'ko, V.N.	Investigation of the processes of carbonization of the molecular crystals of amino acids by the methods of EPR and infrared spectroscopy (1975) Biophysics, 20 (5), pp. 771-776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016585284&partnerID=40&md5=648ae970dd4f201cd5b6e60a818569 5
	Korkhova, E.D., Chepel, L.M., Nikolov, O.T.	ESR spectra of seeds of some plants (Russian) (1974) Biofizika, 19 (2), pp. 308-313.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016374346&partnerID=40&md5=a0ea9f2a63e0803e78acaf4998095c7c
	Korkhova, Ye.D., Chepel', L.M., Nikolov, O.T. , Komar', I.N., Shakhbazov, V.G.	EPR spectra of the seeds of certain plants (1974) Biophysics, 19 (2), pp. 308-314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016194501&partnerID=40&md5=c3156374aa77a5e1422f532f4e4fe320
	Komar', I.N., Nikolov, O.T. , Maier, I.	Structure and stability of free radicals formed in γ -irradiated glycine (1973) Theoretical and Experimental Chemistry, 6 (4), pp. 461-465.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250434375&doi=10.1007%2BF00526248&partnerID=40&md5=dc89 0526b09b01e3b7d85b0bdd7cfa2
264	Paranich, A.V., Popov, N.N. , Roshal', A.D., Zhivotova, E.N., Grigorovich, A.V.	Study of thymocytes resistance to ionising irradiation in vitro [Izuchenie ustoiichivosti timotsitov k ioniziruiushchemu izlucheniui v usloviakh in vitro.] (2000) Radiatsionnaia biologiiia, radioecologia / Rossiiskaia akademiia nauk, 40 (6), pp. 688-692.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034327697&partnerID=40&md5=028bdd52a0664edba8889f978ca2587 d
	Bednenko, V.S., Degtiarev, V.A., Kozlov, A.N., Popov, N.N. , Chizhov, G.K.	Potential information value of the ultrasonic Doppler cardiographic method in assessing coronary circulation [Ob informativnykh vozmozhnostiakh metoda ultrazvukovoï doppler-kardiografii v otsenke koronarnogo krovoobrashcheniia.] (1981) Kosmicheskaiia biologiiia i aviakosmicheskaiia meditsina, 15 (5), pp. 58-61.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019614011&partnerID=40&md5=6a43529eb7289ee1aa72982d80359cb 9
	Doroshev, V.G., Popov, N.N. , Katuntsev, V.P., Lapshina, N.A., Kulikov, O.B.	Comparison of direct and indirect methods of determining cardiac output [Sravnenie priamykh i kosvennykh metodov opredeleniia serdechnogo vybrosa krovi.] (1981) Kosmicheskaiia biologiiia i aviakosmicheskaiia meditsina, 15 (4), pp. 7-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019577708&partnerID=40&md5=98c1214745802e21da0d9a22f3e881 7
	Tsutsaeva, A.A., Popov, N.N. , Voskoboinikova, T.N.	Therapeutic efficacy of transplantation of cryopreserved lymphoid cells (1980) Radiobiologiya, 20 (2), pp. 272-275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019152846&partnerID=40&md5=3ed580a026b7322ad40635f81f0c10 e
	Tsutsaeva, A.A., Popov, N.N.	Effectiveness of compensation of lymphoid deficiency in lethally exposed animals through transplantation of cryopreserved lymphoid cells (1980) Radiobiologiya, 20 (1), pp. 46-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018838590&partnerID=40&md5=684083aa4856f8dde02a6ba9cce3685 4
	Rybinsky, V.N., Semenov, V.N., Popov, N.N.	Comparative characteristics of haemodynamic effects of haloids containing anaesthetics on central haemodynamics (1978) Anesteziologyia i Reanimatologiya, NO.4, pp. 13-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017867106&partnerID=40&md5=5fe25ce00374effff03707c99c612e5d
	Riabov, G.I., Popov, N.N. , Zdradovskii, S.R., Chizhov, G.K.	Anesthesia and blood circulation: the effect of halothane on the basic functions of the circulatory system and contractile capacity of the myocardium [Anesteziia i krovoobrashchenie: vliianie galotana na osnovnye funktsii sistemy krovoobrashcheniia i sokratitel'noi sposobnost' miokarda.] (1972) Vestnik Akademii meditsinskikh nauk SSSR, 27 (8), pp. 30-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015490570&partnerID=40&md5=809e2a6fa1124b3bf83dd742fd305e42
	Riabov, G.A., Zdradovskii, S.R., Popov, N.N. , Chizhov, G.K.	Blood circulation under conditions of halothane anesthesia [Krovoobrashchenie v usloviakh galotanovoi anestezii.] (1972) Eksperimental'naia khirurgiia i anesteziologia, 17 (5), pp. 72-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015394226&partnerID=40&md5=6b19b2497b7b87977fefa39236b9b59 a
	Riabov, G.A., Popov, N.N. , Zdradovskii, S.R., Chizhov, G.K.	Assessment of several indices of circulation and the mechanical work of the heart under conditions of halothane anesthesia (an experimental study) [Issledovanie i otsenka nekotorykh pokazatelei krovoobrashcheniia i mekhanicheskoi raboty serdtsa u usloviakh galotanovoi anestezii (eksperimental'noe issledovanie.)] (1972) Kardiologiya, 12 (8), pp. 110-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015378759&partnerID=40&md5=f5a904e064804a4474a7804ad25c6e1f
265	Shekhovtsov, N.A.	Voltage dependence of the differential capacitance of a p + -n junction (2013) Semiconductors, 47 (4), pp. 543-554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876438541&doi=10.1134%2FIS1063782613040209&partnerID=40&md5=9b4d5f1094acf13dc2e1bed7e235a626
	Shekhovtsov, N.A.	Differential capacitance of a p + -p junction (2012) Semiconductors, 46 (1), pp. 56-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855529795&doi=10.1134%2FIS1063782612010174&partnerID=40&md5=f4ce48c7947a1695eda6d8d73d0bf2e6
	Shekhovtsov, N.A.	Current dependence of capacitance of germanium p + -p junctions in the temperature range of 290-330 K (2009) Semiconductors, 43 (4), pp. 436-439.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65549106149&doi=10.1134%2FIS106378260904006X&partnerID=40&md5=20ffbbd1bb05057869cbf7529bea26a6
	Shekhovtsov, N.A.	Injection regime of antibarrier metal-semiconductor (m-n) contact (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 65 (16), pp. 1489-1500.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250003239&doi=10.1615%2FTelecomRadEng.v65.i16.40&partnerID=40&md5=7402a6436caf2968dd0fce0a64fbd8b8
	Shekhovtsov, N.A. , Shekhovtsov, A.N.	Electron-hole processes in an anti-lock m-n contact (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 1, stat'ya № 946846, pp. 339-340.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966586702&doi=10.1109%2FMSMW.2001.946846&partnerID=40&md5=9be1800f78a116a54ef6d2bb6fa4294
	Shekhovtsov, N.A.	Radiation absorption by weakly doped p-germanium in the millimetric band (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (2), pp. 27-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032274553&partnerID=40&md5=f057d2d1929a07ee4739415237c5c89 b

	Shekhovtsov, N.A., Mishnev, A.A.	FEATURES OF CURRENT-VOLTAGE CHARACTERISTICS OF GERMANIUM p^{**} plus -n-m AND m-n-m STRUCTURES AT LIQUID NITROGEN TEMPERATURE. (1976) Sov Phys Semicond, 10 (4), pp. 450-451.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016945779&partnerID=40&md5=f266fd910b4a8fed72df2b79c70fafce
	Shekhovtsov, N.A., Mishnev, A.A.	INFLUENCE OF A MAGNETIC FIELD ON THE CURRENT - VOLTAGE CHARACTERISTICS OF GERMANIUM METAL - SEMICONDUCTOR - METAL AND P^{**} plus - SEMICONDUCTOR - METAL STRUCTURES. (1975) Sov Phys Semicond, 9 (1), pp. 73-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016528771&partnerID=40&md5=11c8d995500e1a228ba6d780e99c62e
	Shekhovtsov, N.A., Mishnev, A.A.	INFLUENCE OF A MAGNETIC FIELD ON THE CURRENT-VOLTAGE CHARACTERISTICS OF p^{**} plus -p-m AND m-p-m GERMANIUM STRUCTURES. (1973) Sov Phys Semicond, 7 (1), pp. 43-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015648545&partnerID=40&md5=6f79b16a9d758cb7be669027389cede4
266	Tsvetkova, V.S., Shulga, V.M., Berdina, L.A.	A simple method to determine time delays in the presence of microlensing: Application to HE 0435-1112 and PG 1115+080 (2016) Monthly Notices of the Royal Astronomical Society, 461 (4), pp. 3714-3723.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8498864335&doi=10.1093%2fmmras%2fstw1540&partnerID=40&md5=8610fdbdf17906b9ea9b1798e34477e3
	Tsvetkova, V.S., Vakulik, V.G., Shulga, V.M., Schild, R.E., Dudinov, V.N., Minakov, A.A., Nuritdinov, S.N., Artamonov, B.P., Kochetov, A.Y., Smirnov, G.V., Sergeev, A.A., Konichek, V.V., Sinelnikov, I.Y., Zheleznyak, A.P., Bruevich, V.V., Gaisin, R., Akhunov, T., Burkhonov, O.	PG 1115+080: Variations of the A2/A1 flux ratio and new values of the time delays (2010) Monthly Notices of the Royal Astronomical Society, 406 (4), pp. 2764-2776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7795537655&doi=10.1111%2fj.1365-2966.2010.16882.x&partnerID=40&md5=14974651b2720ec3a97613df9667f1d5
	Vakulik, V.G., Shulga, V.M., Schild, R.E., Tsvetkova, V.S., Smirnov, G.V., Dudinov, V.N., Minakov, A.A., Nuritdinov, S.N., Artamonov, B.P., Kochetov, A.Y., Smirnov, G.V., Sergeev, A.A., Konichek, V.V., Sinelnikov, I.Y., Bruevich, V.V., Akhunov, T., Burkhonov, O.	Time delays in PG 1115+080: New estimates (2009) Monthly Notices of the Royal Astronomical Society: Letters, 400 (1), pp. L90-L93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955352199&doi=10.1111%2fj.1365-3933.2009.00770.x&partnerID=40&md5=6742fd2da8fb1fc7ef78a42b7f549dff
	Tsvetkova, V.S., Shulga, V.M., Vakulik, V.G., Smirnov, G.V., Dudinov, V.N., Minakov, A.A.	Search for dark matter using the phenomenon of strong gravitational lensing (2009) Kinematics and Physics of Celestial Bodies, 25 (1), pp. 28-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952936161&doi=10.3103%2fS0884591309010048&partnerID=40&md5=eaf390a8fab138c554bd8fb590227c50
	Vakulik, V.G., Schild, R.E., Smirnov, G.V., Dudinov, V.N., Tsvetkova, V.S.	Q2237+0305 source structure and dimensions from light-curve simulation (2007) Monthly Notices of the Royal Astronomical Society, 382 (2), pp. 819-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36348964936&doi=10.1111%2fj.1365-2966.2007.12422.x&partnerID=40&md5=44415ef09c69d6253bae5cb2280ff52
	Vakulik, V., Schild, R., Dudinov, V., Nuritdinov, S., Tsvetkova, V. , Burkhonov, O., Akhunov, T.	Observational determination of the time delays in gravitational lens system Q2237+0305 (2006) Astronomy and Astrophysics, 447 (3), pp. 905-913.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644547021&doi=10.1051%2f0004-6361%3a20053574&partnerID=40&md5=d334ff7fd04c745d16d65fd15f5c0515
	Vakulik, V.G., Schild, R.E., Dudinov, V.N., Minakov, A.A., Nuritdinov, S.N., Tsvetkova, V.S. , Zheleznyak, A.P., Konichek, V.V., Sinelnikov, I.Ye., Burkhonov, O.A., Artamonov, B.P., Bruevich, V.V.	Color effects associated with the 1999 microlensing brightness peaks in gravitationally lensed quasar Q2237+0305 (2004) Astronomy and Astrophysics, 420 (2), pp. 447-457.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942619093&doi=10.1051%2f0004-6361%3a20034104&partnerID=40&md5=990280e2e45f22fa561eb9c73f20c4a4
	Vakulik, V.G., Dudinov, V.N., Zheleznyak, A.P., Tsvetkova, V.S. , Notni, P., Shalyapin, V.N., Artamonov, B.P.	VRI photometry of the Einstein cross Q2237+0305 at Maidanak observatory (1997) Astronomische Nachrichten, 318 (2), pp. 73-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002565999&partnerID=40&md5=210c86e1917f01c5544344b054e7294e
	Tsvetkova, V.S., Dudinov, V.N., Novikov, S.B., Pluzhnik, Ye.A., Shkuratov, Yu.G., Vakulik, V.G., Zheleznyak, A.P.	Shape and size of asteroid 4 Vesta: Speckle interferometry and polarimetry (1991) Icarus, 92 (2), pp. 342-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001673144&doi=10.1016%2f0019-1035%2f00057-Z&partnerID=40&md5=4d05f4d7c622ff0edda0797fe02226c6
267	Vyunnik, V.I., Zvyagintsev, A.A.	Modelling of a mimicry cloak for the elliptical cylinder to look like circular one (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8493944946&doi=10.1109%2fICATT.2015.7136808&partnerID=40&md5=6e0e7ed05c7a2a0b167ed7847dba5d49
	Vyunnik, V.I., Zvyagintsev, A.A.	Invisibility cloak with use of nonsingular coordinate transformation (2014) Journal of Nano- and Electronic Physics, 6 (4), статья № 04036.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919460091&partnerID=40&md5=c7cf7d754014f979760a68d9d5ec207
	Vyunnik, V.I., Zvyagintsev, A.A.	Modeling of the mimicry cloak using coordinate transformation (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652722, pp. 1187-1189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891066543&partnerID=40&md5=3f3df802c2e960f171d65a58cc635feab
	Vyunnik, V.I., Zvyagintsev, A.A.	Numerical methods of calculation transformation matrixes at designing nonsingular invisibility cloak-carpet (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379793, pp. 240-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872251392&doi=10.1109%2fUWBUSIS.2012.6379793&partnerID=40&md5=08b9424bf5962b8fe1f3980760a0891a
	Vyunnik, V.I., Zvyagintsev, A.A.	Design numerical method for nonsingular invisibility cloak-carpet with arbitrary shapes (2012) Journal of Nano- and Electronic Physics, 4 (3), статья № 03022.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871984821&partnerID=40&md5=598eba4eea8a476c3efd4e15072402e1
	Vyunnik, V.I., Zvyagintsev, A.A.	On the approach to the singularity problem of the material parameters in coordinate transformation (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336227, pp. 865-867.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869829468&partnerID=40&md5=654465b01af74e3b35cb73aa1957f5db
	Vyunnik, V.I., Zvyagintsev, A.A.	Invisibility cloak with use non-singular coordinate transformation (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, статья № 6145044.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857584985&doi=10.1109%2fLFNM.2011.6145044&partnerID=40&md5=7a94d4332485d90a93c54296c4bf2e48
	Vyunnik, V.I., Zvyagintsev, A.A.	The resulted impedance of the cylinder covered with a thin dielectric layer (2010) Proceedings - 10th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM'2010, 2nd IEEE International Workshop on THz Radiation: Basic Research and Applications, TERA'2010, статья № 5619945, pp. 280-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650143898&doi=10.1109%2fTERA.2010.5619945&partnerID=40&md5=f0201473c74de878c794f6cd76520d3b
	Vyunnik, V.I., Zvyagintsev, A.A.	Electromagnetic wave scattering by the coated impedance cylinder (2010) Journal of Nano- and Electronic Physics, 2 (2), pp. 103-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865143495&partnerID=40&md5=6a8de4b42c5d85089b0ce38dd47f6c1e
268	Zakharov, I.G., Tyrnov, O.F.	Instability in the day to day variability of ionospheric F2 region electron density (2013) CrMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652686, pp. 1118-1119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891058421&partnerID=40&md5=4dc83a44b461ec8033c40462e5e33fb
	Zakharov, I.G., Tyrnov, O.F., Kharkiv, V.N.	Electromagnetic precursors of global seismic activity in the VLF range (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068831, pp. 1073-1074.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455139783&partnerID=40&md5=61f332e35a4eed7f8ca549d9456952f6

	Taran, V.I., Zakharov, I.G. , Tyrnov, O.F., Lyashenko, M.V.	Spatial and temporal distribution of the total electron content inferred from beacon-satellite observations and Kharkiv incoherent scatter radar data (2007) <i>Advances in Space Research</i> , 39 (5), pp. 803-807.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248589067&doi=10.1016%2Fj.asr.2007.01.063&partnerID=40&md5=778c4263c33266f9c19171c6d77a08b
	Zakharov, I.G. , Lyashenko, M.V.	Comparison of the experimental and model values of total electron content in the ionosphere over Eastern Europe (2003) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 60 (10-12), pp. 173-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949919886&doi=10.1615%2FtelecomRadEng.v60.i1012.150&partnerID=40&md5=b03c326a6a7e7524ec8a7f48600d54fc
	Zakharov, I.G. , Mozgovaya, O.L.	On thermospheric/ionospheric disturbances under quiet and magneto-perturbed conditions (2003) <i>Proceedings of SPIE - The International Society for Optical Engineering</i> , 5027, pp. 372-377.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043169623&doi=10.1117%2F12.497349&partnerID=40&md5=ebbf1b174a83b384454c3bb182a2b74c
	Zakharov, I.G. , Tyrnov, O.F.	The effect of solar activity on ill and healthy people under conditions of nervous and emotional stresses (2001) <i>Advances in Space Research</i> , 28 (4), pp. 685-690.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035433838&doi=10.1016%2FS0273-1177%2801%2900379-9&partnerID=40&md5=5b19dc40c0ee02a770177904a0ab2e7
	Zakharov, I.G.	A model of the total columnar electron content in the ionosphere for the latitudes 25 to 70° N (1999) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 53 (4-5), pp. 38-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844439666&partnerID=40&md5=262d76efdc188eb9a1bff22c41d2488d
	Zakharov, I.G.	Principles and method of forecasting the critical frequency variations of the mid-latitude ionospheric F2 region from solar and geomagnetic activity indices (1999) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>), 53 (1), pp. 13-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844600379&partnerID=40&md5=a0ca30e0252f1965a25cf0b3ccf645df
	Zakharov, I.G. , Tyrnov, O.F.	Short-term critical frequency variations and their predictions in the midlatitude ionospheric F2 region (1999) <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 24 (4), pp. 371-374.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032766354&doi=10.1016%2FS1464-1917%2899%2900014-8&partnerID=40&md5=28f79011bc11f0e7581decaad479642
269	Fedorov, P.N., Akhmetov, V.S. , Shulga, V.M.	The reference frame for the XPM2 (2014) <i>Monthly Notices of the Royal Astronomical Society</i> , 440 (1), pp. 624-630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897487520&doi=10.1093%2Fmnras%2Fstu291&partnerID=40&md5=727bedfc4633a77fb47d3c292b402459
	Vavilova, I.B., Pakulyak, L.K., Shlyapnikov, A.A., Protsyuk, Y.I., Savanevich, V.E., Andronov, I.L., Andruk, V.N., Kondrashova, N.N., Baklanov, A.V., Golovin, A.V., Fedorov, P.N., Akhmetov, V.S. , Isak, I.I., Mazhaev, A.E., Golovnya, V.V., Virun, N.V., Zolotukhina, A.V., Kazantseva, L.V., Virmina, N.A., Breus, V.V., Kashuba, S.G., Chinarova, L.L., Kudashkina, L.S., Epishev, V.P.	Astroinformation resource of the Ukrainian virtual observatory: Joint observational data archive, scientific tasks, and software (2012) <i>Kinematics and Physics of Celestial Bodies</i> , 28 (2), pp. 85-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860615449&doi=10.3103%2FS0884591312020067&partnerID=40&md5=cff7531bbd88dd23313542e401b47087
	Fedorov, P.N., Akhmetov, V.S. , Bobylev, V.V.	Residual rotation of the Hipparcos/Tycho-2 system as determined from the data of the XPM catalogue (2011) <i>Monthly Notices of the Royal Astronomical Society</i> , 416 (1), pp. 403-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051823327&doi=10.1111%2Fj.1365-2966.2011.19045.x&partnerID=40&md5=c650e7a15b62ed646f6178bf56c40c03
	Fedorov, P.N., Akhmetov, V.S. , Bobylev, V.V., Gontcharov, G.A.	The XPM catalogue as a realization of the ICRS in optical and near-infrared ranges of wavelengths (2011) <i>Monthly Notices of the Royal Astronomical Society</i> , 415 (1), pp. 665-672.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960137304&doi=10.1111%2Fj.1365-2966.2011.18738.x&partnerID=40&md5=4d68e11f4f883d776375e876422b542e
	Gontcharov, G.A., Bajkova, A.T., Fedorov, P.N., Akhmetov, V.S.	Candidate subdwarfs and white dwarfs from the 2MASS, Tycho-2, XPM and UCAC3 catalogues (2011) <i>Monthly Notices of the Royal Astronomical Society</i> , 413 (3), pp. 1581-1599.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955786303&doi=10.1111%2Fj.1365-2966.2011.18242.x&partnerID=40&md5=6e758805d4c4b935abc5ea040e9ed8c6
	Fedorov, P.N., Akhmetov, V.S. , Bobylev, V.V., Bajkova, A.T.	An investigation of the absolute proper motions of the XPM catalogue (2010) <i>Monthly Notices of the Royal Astronomical Society</i> , 406 (3), pp. 1734-1744.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955235409&doi=10.1111%2Fj.1365-2966.2010.16830.x&partnerID=40&md5=0f9fd34d199a458090132462dfa4ecd
	Bobylev, V.V., Fedorov, P.N., Bajkova, A.T., Akhmetov, V.S.	Determining the orientation parameters of the ICRS/UCAC2 system using the Kharkov catalog of absolute stellar proper motions (2010) <i>Astronomy Letters</i> , 36 (7), pp. 506-513.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954439402&doi=10.1134%2FS1063773710070066&partnerID=40&md5=8e127d657b70217a0db3e222aabb440
	Fedorov, P.N., Myznikov, A.A., Akhmetov, V.S.	The XPM Catalogue: Absolute proper motions of 280 million stars (2009) <i>Monthly Notices of the Royal Astronomical Society</i> , 393 (1), pp. 133-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58649084157&doi=10.1111%2Fj.1365-2966.2008.14168.x&partnerID=40&md5=161940b35e059753352988a50ee73891
270	Voglmayr, H., Akulov, O.Y. , Jaklitsch, W.M.	Reassessment of <i>Allantonectria</i> , phylogenetic position of <i>Thyronectroidea</i> , and <i>Thyronectria caraganae</i> sp. nov (2016) <i>Mycological Progress</i> , 15 (9), pp. 921-937.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981263679&doi=10.1007%2FS11557-016-1218-4&partnerID=40&md5=9272caba2967572d75ae6a31f0fb5842
	Ju, Y.-M., Hsieh, H.-M., Vasilyeva, L., Akulov, A.	Three new <i>Xylaria</i> species from Russian Far East (2009) <i>Mycologia</i> , 101 (4), pp. 548-553.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650918270&doi=10.3852%2F08-188&partnerID=40&md5=ee2f37c0c9d7e9df59eb18d52b433fbe
	Phillips, A.J.L., Alves, A., Pennycook, S.R., Johnston, P.R., Ramaley, A., Akulov, A. , Crous, P.W.	Resolving the phylogenetic and taxonomic status of dark-spored teleomorph genera in the Botryosphaeriaceae (2008) <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 21, pp. 29-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049209935&doi=10.3767%2F03158508X340742&partnerID=40&md5=b18880eb8fe555800b1cae3759b7a917
	Barnes, I., Kirisits, T., Akulov, A. , Chhetri, D.B., Wingfield, B.D., Bulgakov, T.S., Wingfield, M.J.	New host and country records of the <i>Dothistroma</i> needle blight pathogens from Europe and Asia (2008) <i>Forest Pathology</i> , 38 (3), pp. 178-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44249092589&doi=10.1111%2Fj.1439-0329.2007.00536.x&partnerID=40&md5=96aa21103f36d34e4b236fbc07ac484e
	Stadler, M., Fournier, J., Quang, D.N., Akulov, A.Y.	Metabolomic studies on the chemical ecology of the xylariaceae (Ascomycota) (2007) <i>Natural Product Communications</i> , 2 (3), pp. 287-304.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547237844&partnerID=40&md5=ef41f8a4f1f86f1008c521f08003522
	Leont'ev, D.V., Akulov, A.Yu.	Ecomorpheme of organic world: Experience of construction (2004) <i>Zhurnal Obshchei Biologii</i> , 65 (6), pp. 525-526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22044432738&partnerID=40&md5=b4880e30930d690af601976807cc00a7
	Leont'ev, D.V., Akulov, A.Yu.	Revolution in Megataxonomy: Prerequisites and Results (2002) <i>Zhurnal Obshchei Biologii</i> , 63 (2), pp. 183-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036515505&partnerID=40&md5=1186e87f8d168c27b914147805a02e02
	Glustchenko, V.I., Akulov, A.Yu. , Leontiev, D.V.	First records of microscopic protostelids in Ukraine (2002) <i>Mikologiya i Fitopatologiya</i> , 36 (4), pp. 7-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036445156&partnerID=40&md5=0e65c3a82b3c1059cd76862376b9f0b
271	Shtoda, D.A., Antonenko, E.A. , Mustetsov, N.P.	Possibilities of microwave imaging in medicine (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724181, pp. 175-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000416116&doi=10.1109%2FUWBUSIS.2016.7724181&partnerID=40&md5=e9573d392c565a2ab76d057a15051fb
	Antonenko, Ye.A. , Katrich, V.A., Karpov, A.I.	The microstrip resonator for measurement of dielectric constant (2013) <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i> , статья № 6653825, pp. 37-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891618067&partnerID=40&md5=bde61d8b8e4f3a935c2af7fa4ec50582
	Antonenko, E.A. , Katrych, V.A., Mustetsov, N.P., Karpov, A.I.	Pulse wave registration method by the instrumentality of microstrip resonators (2012) <i>CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology</i> , Conference Proceedings, статья № 6336262, pp. 952-953.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869805986&partnerID=40&md5=e678d59d71cd495a63e525947c87048f

	Gorobets, N.N., Yeliseyeva, N.P., Antonenko, Ye.A. Antonenko, E.A., Mustetsov, N.P., Katrich, V.A., Karpov, A.I. Katrich, V.A., Mustetsov, N.P., Karpov, A., Antonenko, E.A. Katrich, V.A., Mustetsov, N.P., Beletsky, N.I., Antonenko, E.A. Karpov, A.I., Katrych, V.A., Antonenko, E.A., Yarmolchuk, S.A.	Optimisation of radiation characteristics of wire-screened antennas (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 71 (1), pp. 59-69. The research method of biological tissue permittivity (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068802, pp. 1009-1010. Hardware-software complex for research of absorption spectrum of blood in decimetre band (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632941, pp. 1147-1148. Trial-and-error procedure of parametres of electromagnetic fields for therapeutic intervention (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632937, pp. 1149-1150. The cellphone antenna test results (2009) DIPED-2009 Proceedings - 2009 International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, статья № 5306952, pp. 175-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860636856&doi=10.1615%2FTelecomRadEng.v71.i1.60&partnerID=40&md5=682be6648d7b00c1d8e8a3d53fa13e41 https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143800&partnerID=40&md5=f550bac75d9a31d04391748b2c45397c https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650413356&partnerID=40&md5=0e2e1743c09832acc7e9d3962c1fda81 https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650394463&partnerID=40&md5=0dc8145d6931658c175d754b2007fb96 https://www.scopus.com/inward/record.uri?eid=2-s2.0-70549087886&doi=10.1109%2FDIPED.2009.5306952&partnerID=40&md5=85f1ac9663a1befb522e3e6e663b4511
272	Bykov, V., Bykov, S., Kolchigin, N., Berezhnaya, T., Osinovy, G.	Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724176, pp. 156-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000366179&doi=10.1109%2FUWBUSIS.2016.7724176&partnerID=40&md5=489f34e7a802998c467b2451b1f4ff96
	Bykov, V.N., Bykov, S.N., Grichaniuk, A.M., Kolchigin, N.N., Krayushkin, V.A., Osinovy, G.G., Radzikhovskiy, V.N., Berezhnaya, T.D.	The matrix radiometric system for the imaging of ground objects in the millimeter band (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538063, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988026267&doi=10.1109%2FMSMW.2016.7538063&partnerID=40&md5=787e60869dd1a9b827ab5478fad5bfa5
	Bykov, V.N., Ivanchenko, D.D., Kolchigin, N.N., Radzikhovskiy, V.N., Berezhnaya, T.D.	Multibeam antenna for the matrix radiometric imaging systems (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136840, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939441220&doi=10.1109%2FICATT.2015.7136840&partnerID=40&md5=c123081d01d9681057a02e4ac44bc852
	Bykov, V.N., Ivanchenko, D.D., Kolchigin, N.N., Berezhnaya, T.D.	Multibeam antenna for the matrix of radiometric imaging system to imager operating (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650804, pp. 438-440.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898657148&doi=10.1109%2FICATT.2013.6650804&partnerID=40&md5=c6c374bdf3546f0e351c2c3ca9524b2f
	Antyufeyev, V.I., Bykov, V.N., Ivanchenko, D.D., Kolchigin, N.N., Berezhnaya, T.D.	The accuracy in potential of establishing the position of ground based objects by the matrix radiometric systems of remote sensing (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379746, pp. 102-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872239561&doi=10.1109%2FUWBUSIS.2012.6379746&partnerID=40&md5=b9b3a5b47615c841d22587ce4b642cf
	Antyufeyev, V.I., Bykov, V.N., Ivanchenko, D.D., Kolchigin, N.N., Berezhnaya, T.D.	Estimation of influence of antenna radome noise temperatures on images formed by matrix radiometric systems (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068859, pp. 1130-1131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455132654&partnerID=40&md5=0fb206afe79563955c8a2a72824aa19
	Bykov, V.N., Grichaniuk, A.M., Ivanchenko, D.D., Krayushkin, V.A., Zhyravsky, A.A., Fedorova, S.V., Hudokormov, A.P., Rjapovol, E.V., Berezhnaya, T.D.	Wide-band measuring complex designed for remote control of thermal radio radiation produced by coke-oven batteries (2010) 2010 5th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS'2010, статья № 5609113, pp. 278-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650149152&doi=10.1109%2FUWBUSIS.2010.5609113&partnerID=40&md5=9261b3068eb2fbbe07bc77c06c38e4a8
	Bykov, V.N., Grichaniuk, A.M., Ivanchenko, D.D., Krayushkin, V.A., Litvinov, D.D., Berezhnaya, T.D.	Multispectral measurement complex for remote sensing (2008) 2008 4th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2008, статья № 4669433, pp. 270-271.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649217310&doi=10.1109%2FUWBUSIS.2008.4669433&partnerID=40&md5=138d376e8d259cdea4fa84963224373
273	Shkuratov, Yu., Opanasenko, N., Opanasenko, A., Zubko, E., Bondarenko, S., Kaydash, V., Videen, G., Velikodsky, Yu., Korokhin, V.	Polarimetric mapping of the Moon at a phase angle near the polarization minimum (2008) Icarus, 198 (1), pp. 1-6.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-53949121361&doi=10.1016%2Fj.icarus.2008.06.014&partnerID=40&md5=239afd5ab266326cce34e255246a0a97
	Shkuratov, Y., Bondarenko, S., Kaydash, V., Videen, G., Muñoz, O., Volten, H.	Photometry and polarimetry of particulate surfaces and aerosol particles over a wide range of phase angles (2007) Journal of Quantitative Spectroscopy and Radiative Transfer, 106 (1-3), pp. 487-508.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247490121&doi=10.1016%2Fj.jqsrt.2007.01.031&partnerID=40&md5=96a3e763ed61560f577311eba556e63d
	Ovcharenko, A.A., Bondarenko, S.Yu., Zubko, E.S., Shkuratov, Y.G., Videen, G., Nelson, R.M., Smythe, W.D.	Particle size effect on the opposition spike and negative polarization (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (3), pp. 394-403.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33747159315&doi=10.1016%2Fj.jqsrt.2006.02.036&partnerID=40&md5=ff8f2f49b2a90710a12ae36161f30fa9
	Ovcharenko, A., Bondarenko, S., Shkuratov, Y., Scotto, C., Merritt, C., Hart, M., Eversole, J., Videen, G.	Backscatter effects of surfaces composed of dry biological particles (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 101 (3), pp. 462-470.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646770362&doi=10.1016%2Fj.jqsrt.2006.02.037&partnerID=40&md5=d00c342f5bb92f917fa415783a072244
	Shkuratov, Y., Bondarenko, S., Ovcharenko, A., Pieters, C., Hiroi, T., Volten, H., Muñoz, O., Videen, G.	Comparative studies of the reflectance and degree of linear polarization of particulate surfaces and independently scattering particles (2006) Journal of Quantitative Spectroscopy and Radiative Transfer, 100 (1-3), pp. 340-358.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645035938&doi=10.1016%2Fj.jqsrt.2005.11.050&partnerID=40&md5=f79ea51b5e1cb1b2bb07e754eb789dfa
	Bondarenko, S., Ovcharenko, A., Shkuratov, Y., Videen, G., Eversole, J., Hart, M.	Light backscatter by surfaces composed of small spherical particles (2006) Applied Optics, 45 (16), pp. 3871-3877.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746067897&doi=10.1364%2Fao.45.003871&partnerID=40&md5=4360c81212c6ee8c739f2ff533a869cf
	Belskaya, I.N., Shkuratov, Yu.G., Efimov, Yu.S., Shakhovskoy, N.M., Gil-Hutton, R., Cellino, A., Zubko, E.S., Ovcharenko, A.A., Bondarenko, S.Yu., Shevchenko, V.G., Fornasier, S., Barbieri, C.	The F-type asteroids with small inversion angles of polarization (2005) Icarus, 178 (1), pp. 213-221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27244451630&doi=10.1016%2Fj.icarus.2005.04.015&partnerID=40&md5=873e4a9de724714ea7b7e5a3d495e8d1
	Zubko, E., Ovcharenko, A., Bondarenko, S., Shkuratov, Y., Scotto, C., Merritt, C., Hart, M., Eversole, J., Videen, G.	Backscattering of agglomerate particles (2004) Proceedings of SPIE - The International Society for Optical Engineering, 5617, статья № 63, pp. 407-415.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17644399427&doi=10.1117%2F12.5781108&partnerID=40&md5=84b1e5f0d15e0accb1229dd7187fac10
274	Dreval, V.I., Zima, G.V.	Ionizing radiation influence on the Ca2+-ATPase of erythrocyte plasma membrane (2000) Radiatsionnaya Biologiya. Radioekologiya, 40 (1), pp. 28-31.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542613621&partnerID=40&md5=71d09a918c5ba9ec96d814d1476ff180
	Zima, G.V., Dreval, V.I.,	The influence of ionizing radiation in wide dose range on the structural and functional characteristics of protein and lipid components of erythrocyte plasma membranes (2000) Radiatsionnaya Biologiya. Radioekologiya, 40 (3), pp. 261-265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034182584&partnerID=40&md5=9eb5fd80caaa59ee578f6f0423acadd
	Dreval, V.I., Sichevskaya, L.V.	Radiation decreases the binding of hemoglobin to the erythrocyte membrane (2000) Biofizika, 45 (6), p. 1088.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039339317&partnerID=40&md5=43717b45e3e68435231ae012fafef771
	Dreval, V.I., Sichevskaya, L.V., Doroshenko, A.O., Roshal', A.D.	Radiation-induced structural changes in proteins of erythrocyte membranes (2000) Biofizika, 45 (5), p. 838.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039339398&partnerID=40&md5=f952421bc67e0a0fd40e8beadfd04971
	Myronova, N.G., Dreval, V.I., Sichevskaya, L.V., Marchuk, Ju.Ju.	The change in the rats liver mitochondrial membrane structure under the effect of radiation (1999) Ukrain'skiy Biokhimichnyi Zhurnal, 71 (4), pp. 97-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842812627&partnerID=40&md5=a9240b97758dea2e5d78b7b2af90544f6

	Dreval, V.I.,	Effect of radiation on lipid peroxidation and oxides of SH-groups membrane proteins (1996) Biopolymers and Cell, 12 (2), pp. 24-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890657363&doi=10.7124%2fbc.00041C&partnerID=40&md5=7c943c8d788f1d21244710dae940b3d
	Gorbenko, G.P., Dreval, V.I.,	Fluorescence investigation of methemoglobin structural changes upon interaction with liposomes (1990) Biofizika, 35 (6), pp. 925-927.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025666679&partnerID=40&md5=863061909ee37aec8128e7b1861b48b
	Dreval, V.I., , Girnyk, S.A.	Photomodulation effects of electron shell of calcium and magnesium atoms on ATPase activity (1990) Biofizika, 35 (4), pp. 552-554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025450281&partnerID=40&md5=0a93b5c7b81a431446e9ff693656657e
275	Fedorenko, Y.P., Tyrnov, O.F., Fedorenko, V.N., Dorohov, V.L.	Model of traveling ionospheric disturbances (2013) Journal of Space Weather and Space Climate, 3, статья № A30, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894471325&doi=10.1051%2fswsc%2f2013052&partnerID=40&md5=4478ee7df86cd95eadc589ebbb8986f
	Fedorenko, Y.P., Fedorenko, V.N., Lysenko, V.N.	Parameters of the medium-scale traveling ionospheric disturbances model deduced from measurements (2011) Geomagnetism and Aeronomy, 51 (1), pp. 88-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951980793&doi=10.1134%2fS0016793210061015&partnerID=40&md5=f13bfe822b92636023d2a517746e87b0
	Fedorenko, Y.P., Tyrnov, O.F., Fedorenko, V.N.	Parameters of traveling ionospheric disturbances estimated from satellite beacon observations in low-earth orbit (2010) Geomagnetism and Aeronomy, 50 (4), pp. 489-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955342869&doi=10.1134%2fS0016793210040109&partnerID=40&md5=680cda80790ada2b175871242a01498
	Garmash, K.P., Gritchin, A.I., Martynenko, S.I., Podnos, V.A., Rozumenko, V.T., Tyrnov, O.F., Fedorenko, V.N., Fedorenko, Yu.P., Tsymlal, A.M., Chernogor, L.F.	Space research in Kharkiv radiophysical observatory of V. N. Karazin National University (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292824, pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949092693&partnerID=40&md5=182ef2b77d5e3339e4c54fa2836a1c8d
	Fedorenko, Yu.P.	The radiating antenna array on the basis of electric field standing waves in the ionospheric plasma (2005) 5th International Conference on Antenna Theory and Techniques, 2005, 2005, статья № 1496898, pp. 119-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745476407&doi=10.1109%2fICATT.2005.1496898&partnerID=40&md5=a82cec4baff0b948371b73e2cddf1974
	Pushin, V.F., Fedorenko, V.N., Fedorenko, Yu.P., Tyrnov, O.F., Shagimuratov, I.I.	Space correction of global models of electron number density in the ionosphere by receiving at one site signals from low-orbit satellites (1999) Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 24 (4), pp. 375-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032764250&doi=10.1016%2fS1464-1917%2899%2900015-X&partnerID=40&md5=e4c3c8340c5efcab9c962ef05298802df
	Fedorenko, Yu.P.	Long-haul ionospheric radiocommunication by means of artificial periodic irregularities originating at intersecting beams of powerful coherent radiowaves (1998) Geomagnetism and Aeronomy, 38 (6), pp. 744-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644524639&partnerID=40&md5=b655e6951f4748f5d99dad5eb45af19b
	Pushin, V.F., Fedorenko, V.N., Fedorenko, Yu.P.	Methods of determining the maximum electron concentration of the F2 region of the ionosphere using satellite signals (1996) Cosmic Research, 34 (5), pp. 438-441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27144517181&partnerID=40&md5=6a128340482412c7f5657678f796fac
276	Fedorov, P.N., Akhmetov, V.S., Shulga, V.M.	The reference frame for the XPM2 (2014) Monthly Notices of the Royal Astronomical Society, 440 (1), pp. 624-630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897487520&doi=10.1093%2fmnras%2fstu291&partnerID=40&md5=727bedfc4633a77fb47d3c292b402459
	Vavilova, I.B., Pakulyak, L.K., Shlyapnikov, A.A., Protsyuk, Y.I., Savanevich, V.E., Andronov, I.L., Andruk, V.N., Kondrashova, N.N., Baklanov, A.V., Golovin, A.V., Fedorov, P.N., Akhmetov, V.S., Isak, I.I., Mazhaev, A.E., Golovnya, V.V., Virun, N.V., Zolotukhina, A.V., Kazantseva, L.V., Virmina, N.A., Breus, V.V., Kashuba, S.G., Chinarova, L.L., Kudashkina, L.S., Epishev, V.P.	Astroinformation resource of the Ukrainian virtual observatory: Joint observational data archive, scientific tasks, and software (2012) Kinematics and Physics of Celestial Bodies, 28 (2), pp. 85-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860615449&doi=10.3103%2fS0884591312020067&partnerID=40&md5=ccff7531bbd88dd23313542e401b47087
	Fedorov, P.N., Akhmetov, V.S., Bobylev, V.V.	Residual rotation of the Hipparcos/Tycho-2 system as determined from the data of the XPM catalogue (2011) Monthly Notices of the Royal Astronomical Society, 416 (1), pp. 403-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051823327&doi=10.1111%2fj.1365-2966.2011.19045.x&partnerID=40&md5=c650e7a15b62ed646f6178bf56c40c03
	Fedorov, P.N., Akhmetov, V.S., Bobylev, V.V., Gontcharov, G.A.	The XPM catalogue as a realization of the ICRS in optical and near-infrared ranges of wavelengths (2011) Monthly Notices of the Royal Astronomical Society, 415 (1), pp. 665-672.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960137304&doi=10.1111%2fj.1365-2966.2011.18738.x&partnerID=40&md5=4d68e11f4f883d776375e876422b542e
	Gontcharov, G.A., Bajkova, A.T., Fedorov, P.N., Akhmetov, V.S.	Candidate subdwarfs and white dwarfs from the 2MASS, Tycho-2, XPM and UCAC3 catalogues (2011) Monthly Notices of the Royal Astronomical Society, 413 (3), pp. 1581-1599.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955786303&doi=10.1111%2fj.1365-2966.2011.18242.x&partnerID=40&md5=6e758805d4c4b935abc5ea040e9ed8c6
	Fedorov, P.N., Akhmetov, V.S., Bobylev, V.V., Bajkova, A.T.	An investigation of the absolute proper motions of the XPM catalogue (2010) Monthly Notices of the Royal Astronomical Society, 406 (3), pp. 1734-1744.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955235409&doi=10.1111%2fj.1365-2966.2010.16830.x&partnerID=40&md5=0f9ffdd34d199a458090132462dfa4ecd
	Bobylev, V.V., Fedorov, P.N., Bajkova, A.T., Akhmetov, V.S.	Determining the orientation parameters of the ICRS/UCAC2 system using the Kharkov catalog of absolute stellar proper motions (2010) Astronomy Letters, 36 (7), pp. 506-513.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954439402&doi=10.1134%2fS1063773710070066&partnerID=40&md5=8e127d657b70217a0db3e222aabb440
	Fedorov, P.N., Myznikov, A.A., Akhmetov, V.S.	The XPM Catalogue: Absolute proper motions of 280 million stars (2009) Monthly Notices of the Royal Astronomical Society, 393 (1), pp. 133-138.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58649084157&doi=10.1111%2fj.1365-2966.2008.14168.x&partnerID=40&md5=161940b35e059753352988a50ee73891
277	Galaydych, V.K., Azarenkov, N.A., Olefir, V.P., Sporov, A.E.	Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain (2017) Problems of Atomic Science and Technology, 107 (1), pp. 96-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016091920&partnerID=40&md5=019fe78ebc4e2c009f3471636a463d9
	Galaydych, V.K., Azarenkov, N.A., Olefir, V.P., Sporov, A.E.	Slow and fast surface electromagnetic waves in planar structures contained left-handed material (2015) Problems of Atomic Science and Technology, 98 (4), pp. 306-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941051562&partnerID=40&md5=7f8b89de46842e6b48f418ff30f1bae9
	Galaydych, V.K., Azarenkov, N.A., Olefir, V.P., Sporov, A.E.	Surface electromagnetic waves in left-handed material slab embedded in plasmalike media (2014) Problems of Atomic Science and Technology, 94 (6), pp. 112-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918577061&partnerID=40&md5=2d23d5f5a544ff44913e8f289301be
	Azarenkov, N.A., Galaydych, V.K., Olefir, V.P., Sporov, A.E.	Phase and group velocities of electromagnetic eigen waves of left-hand material slab (2012) Problems of Atomic Science and Technology, (6), pp. 87-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871730818&partnerID=40&md5=c94fb31d27aefab2b7d23c06b6863a1
	Azarenkov, N.A., Galaydych, V.K., Olefir, V.P., Sporov, A.E.	Electromagnetic waves in left-hand material slab that bounded by media with different permittivity (2010) Problems of Atomic Science and Technology, (6), pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650630090&partnerID=40&md5=019ace021c2e936245ccd0569211299
	Azarenkov, N.A., Akimov, Y.A., Galaydych, V.K., Olefir, V.P., Sporov, A.E.	Properties of electromagnetic waves that propagate along the left-hand material slab (2009) Problems of Atomic Science and Technology, (1), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865316912&partnerID=40&md5=2bbe5febae3f184e259036e5c2a801a
	Galaydych, V.K., Olefir, V.P., Sporov, A.E.	Electromagnetic waves in isotropic waveguide filled by radially non-uniform dissipative plasma (2005) Proceedings of Xth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED-2005, 2005, статья № 1564570, pp. 80-83.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846302875&partnerID=40&md5=207a29d248c7eb880cd603c34eabadee

	Azarenkov, N.A., Galaïdyh, V.K. , Olefir, V.P.	Surface waves of the potential type at the interface between a metal and an inhomogeneous medium (1999) Technical Physics, 44 (7), pp. 810-813.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033239063&partnerID=40&md5=01509a38f324491410cc004ca512cc0
278	Barannik, E.A., Kulibaba, A.A., Girnyk, S.A. , Tolstoluzhskiy, D.A., Skresanova, I.V.	Displacement spectra under isometric muscle contraction spectral doppler study and theoretical models of ultrasound response and muscle contraction (2012) Journal of Ultrasound in Medicine, 31 (12), pp. 1959-1972.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871768071&partnerID=40&md5=7c9ec743cd1a2a8f08c302221ad20c1
	Girnyk, S.A. , Barannik, A.E., Tovstiyak, V.V., Tolstoluzhskiy, D.A., Barannik, E.A.	Ultrasound Doppler Monitoring of Soft Tissues In Vitro and Tissue Phantoms Heating and Thermal Destruction Induced by Acoustic Remote Palpation (2009) Ultrasound in Medicine and Biology, 35 (5), pp. 764-772.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349140635&doi=10.1016%2fj.ultrasmedbio.2008.11.008&partnerID=40&md5=87f8bcc0a3cc3fe7e1ed40be499f4aa
	Girnyk, S. , Barannik, A., Barannik, E., Tovstiyak, V., Marusenko, A., Volokhov, V.	The estimation of elasticity and viscosity of soft tissues in vitro using the data of remote acoustic palpation (2006) Ultrasound in Medicine and Biology, 32 (2), pp. 211-219.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-32044433330&doi=10.1016%2fj.ultrasmedbio.2005.11.015&partnerID=40&md5=480343ac587825e73e758373828fce7
	Barannik, E.A., Girnyk, S.A. , Tovstiyak, V.V., Marusenko, A.I., Volokhov, V.A., Sarvazyan, A.P., Emelianov, S.Y.	The influence of viscosity on the shear strain remotely induced by focused ultrasound in viscoelastic media (2004) Journal of the Acoustical Society of America, 115 (5 1), pp. 2358-2364.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2142766008&doi=10.1121%2f1.1698796&partnerID=40&md5=a49c75ba116abb0330c085c5cb084ab5
	Dreval, V.I., Girnyk, S.A.	Effect of photo-excitation of electron shells of calcium and magnesium atoms on ATPase activity (1990) Biophysics, 35 (4), pp. 562-564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45149136988&partnerID=40&md5=af27b9f55a6fbaa31b2af4add244849
	Dreval, V.I., Girnyk, S.A.	Photomodulation effects of electron shell of calcium and magnesium atoms on ATPase activity (1990) Biofizika, 35 (4), pp. 552-554.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025450281&partnerID=40&md5=0a93b5c7b81a431446e9ff693656657e
	Barannik, Ye.A., Girnyk, S.A. , Tovstiyak, V.V.	Stimulation of the incorporation of gramicidin into the bilayer lipid membrane by ultrasound (1988) Biophysics, 33 (2), pp. 392-394.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45549111389&partnerID=40&md5=2030d33a2a415f95036fb47ae386bc77
	Barannik, E.A., Girnyk, S.A. , Tovstiyak, V.V.	Ultrasound stimulation of gramicidin incorporation into a bilayer lipid membrane (1988) Biofizika, 33 (2), pp. 364-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023853511&partnerID=40&md5=90f8c841036d8c402416dc5c9b2a8b0d
279	Khodusov, V.D. , Naumovets, A.S.	On the effect of superfluid flows on the interaction of microwaves with He II (2012) Condensed Matter Physics, 15 (4), статья № 43601, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874641638&doi=10.5488%2fCMP.15.43601&partnerID=40&md5=8b0e8a46f3b475a85c8f0c93175e0935
	Naumovets, A.S., Khodusov, V.D.	The absorption of the variable electric field in superfluid helium by the akhiezer mechanism (2012) Problems of Atomic Science and Technology, (1), pp. 296-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857707402&partnerID=40&md5=ce701ed609172b0cc4ef8e50c8a4de18
	Khodusov, V.D. , Naumovets, A.S.	Second sound waves in diamond (2012) Diamond and Related Materials, 21, pp. 92-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455162154&doi=10.1016%2fj.diamond.2011.10.005&partnerID=40&md5=467aeec731bfe5ca1b8601339787d50a
	Khodusov, V.D. , Blinkina, A.A.	Second-sound waves in cryocrystals (2010) Ukrainian Journal of Physics, 55 (5), pp. 543-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953332310&partnerID=40&md5=a4bc1e6c5ba918a69095c5a2b8bd0f02
	Khodusov, V.D. , Blinkina, A.A.	Second sound waves in orthodeuterium, parahydrogen quantum crystals and neon crystals (2009) Low Temperature Physics, 35 (5), pp. 349-355.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67049164848&doi=10.1063%2f1.3130962&partnerID=40&md5=6bd659eaa6bac98322cb119ad5893af4
	Khodusov, V.D. , Blinkina, A.A.	Second sound waves in quantum crystals of orthodeuterium, parahydrogen and neon crystals (2009) Fizika Nizkikh Temperatur (Kharkov), 35 (5), pp. 451-458.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649982174&partnerID=40&md5=0f4090d8bab20fc8d620ccce3cd67cb8
	Aleksin, V.F., Belyaev, N.R., Belyaeva, T.N., Khodusov, V.D.	Construction and application of orthogonal polynomials in kinetics of quasi-particles (1996) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, pp. 61-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030413378&partnerID=40&md5=842dbf0364d464c54196560b1644f88a0
	Akhiezer, A.I., Aleksin, V.F., Khodusov, V.D.	A new method of magnetic energy pumping into a plasma (1971) Nuclear Fusion, 11 (5), pp. 403-409.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957127063&doi=10.1088%2f0029-5515%2f11%2f5%2f001&partnerID=40&md5=304da2be21173901d6f7be9f32c4846b
280	Podpruzhnikova, E.V., Khoroshevskii, Yu.M. , Zarechenskii, V.M., Zverev, M.P.	Complexation and ion-exchange properties of VION AN-1 fibrous ion-exchanger (2000) Russian Journal of Physical Chemistry A, 74 (8), pp. 1380-1382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034336176&partnerID=40&md5=cbd016659b4b46af0db15319d47f8f8
	Podpruzhnikova, E.V., Khoroshevskii, Yu.M. , Zarechenskii, V.M., Zverev, M.P.	Complexation and ion-exchange properties of VION AN-1 fibrous ion-exchanger (2000) Zhurnal Fizicheskoi Khimii, 74 (8), pp. 1526-1528.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033803915&partnerID=40&md5=a45f39c35ee0d62796ff217011410cdf
	Zarechenskii, V.M., Kleshchevnikova, V.N., Khoroshevskii, Yu.M. , Kazakevich, Yu.E.	Complex-forming and sorption properties of nitrogen-and sulfur-containing fibrous sorbent tiopan-1 with respect to Ni ²⁺ and Cu ²⁺ ions (1999) Russian Journal of Inorganic Chemistry, 44 (2), pp. 212-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444363067&partnerID=40&md5=155680af1c3ea7fa63ee47f4521ac9fe
	Zarechenskii, V.M., Kleshchevnikova, V.N., Khoroshevskii, Yu.M. , Kazakevich, Yu.E.	Complex-forming and sorption properties of VION AN-1 fibrous ionite (1997) Zhurnal Neorganicheskoi Khimii, 44 (2), pp. 255-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25444460715&partnerID=40&md5=0e929e9fa84ac5f8b3151479dbb02c12
	Khoroshevskii, Yu.M. , Podpruzhnikova, E.V., Zarechenskii, V.M., Zverev, M.P.	Protolytic and complexing properties of VION AN-1 fibrous ionite (1997) Zhurnal Fizicheskoi Khimii, 71 (5), pp. 864-869.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001729993&partnerID=40&md5=b46f3fe025b98a10720fb270f18118a7
	Khoroshevskii, Yu.M. , Podpruzhnikova, E.V., Zarechenskii, V.M., Zverev, M.P.	Protolytic and complexing properties of VION AN-1 fibrous ionite (1997) Russian Journal of Physical Chemistry A, 71 (5), pp. 766-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031497040&partnerID=40&md5=10b3f2ceb551a7fc73b6ba49ef95651
	Zarechenskii, V.M., Kazakevich, Yu.E., Khoroshevskii, Yu.M.	Acid-base properties of PAN-AGU fibrous sorbent (1996) Russian Journal of Applied Chemistry, 69 (3), pp. 363-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27544441227&partnerID=40&md5=f5ed2f3be0d53582e904a0f818e56664
	Khoroshevskii, Yu.M. , Zarechenskii, V.M., Podpruzhnikova, E.V.	Determination of ionization constants of strongly acidic cation exchangers (1996) Russian Journal of Applied Chemistry, 69 (1), pp. 37-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29344434304&partnerID=40&md5=95735d00945214a8b4bdeae08efda303
281	Arkhipenko, N.V., Kiiko, S.M.	Specific features of the IR spectra of ethylene glycol, ethylenediamine, and monoethanolamine in CCl ₄ solutions (2005) Russian Journal of Physical Chemistry A, 79 (2), pp. 305-307.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16244363106&partnerID=40&md5=1f75a7205304d2b24dc6fbaef38f96d
	Kiiko, S.M. , Urzhuntseva, V.V.	Degree of association of the binary aqueous solutions of a number of nonelectrolytes (2004) Russian Journal of Physical Chemistry A, 78 (9), pp. 1499-1501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-7044247548&partnerID=40&md5=b485c5d9c609d7267efcd8c4d022cc2
	Kiiko, S.M. , Urzhuntseva, V.V.	Degree of association of the binary aqueous solutions of a number of nonelectrolytes (2004) Zhurnal Fizicheskoi Khimii, 78 (9), pp. 1706-1708.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8644228428&partnerID=40&md5=8ca3ad62adc7b0dacc3dd11bd61b052f
	Arkhipenko, N.V., Kiiko, S.M.	Volumetric properties of binary solutions of ethylenediamine and monoethanolamine (2003) Russian Journal of Physical Chemistry A, 77 (7), pp. 1199-1201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042068210&partnerID=40&md5=00e38777bb625005d1b5b0a532c5262a
	Arkhipenko, N.V., Kiiko, S.M.	Volumetric properties of binary solutions of ethylenediamine and monoethanolamine (2003) Zhurnal Fizicheskoi Khimii, 77 (7), pp. 1335-1338.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043029864&partnerID=40&md5=d77f206dd674ed8b01034ec6403d886
	Ivanova, E.F., Kiiko, S.M. , Surov, Yu.N.	Association of Polar Molecules in Paraffin Solutions (1997) Russian Journal of General Chemistry, 67 (10), pp. 1589-1591.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031328124&partnerID=40&md5=16a1a513a4802021162a29cfac05e10

	Kruglyak, A.I., Kiiko, S.M. , Ivanova, E.F.	FEATURES OF DISSOCIATION OF LITHIUM AND SODIUM NITRATES IN ETHYLENEDIAMINE AND WATER MIXTURES. (1986) Soviet progress in chemistry, 52 (4), pp. 17-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022924901&partnerID=40&md5=b26ab12fde6b69d37bbae774cfdec1
	Kruglyak, A.I., Ivanova, E.F., Kiiko, S.M.	HYDRATION AND SOLVATION OF CATIONS IN THE TERNARY SYSTEM MNO/3- ETHYLENEDIAMINE-WATER (M equals Li** plus , Na** plus , K** plus). (1986) Journal of applied chemistry of the USSR, 59 (8 pt 1), pp. 1568-1571.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022765417&partnerID=40&md5=ba519509b7e98e97a1b1d6bd837eee1
282	Nagaichenko, V.I., Voronko, V.A., Sotnikov, V.V., Sidorenko, V.V., Kizim, P.S. , Yegorov, A.M., Shchagin, A.V.	Electron energy increase in the pyroelectric accelerator (2008) Problems of Atomic Science and Technology, (5), pp. 72-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549274760&partnerID=40&md5=d136c3b0b5b49ebede7ea77347cab75d
	Voronko, V.A., Sotnikov, V.V., Sidorenko, V.V., Zhuk, V.V., Zhuk, I.V., Potapenko, A.S., Krivopustov, M.I., Kizim, P.S.	Neutron generation in the U-Pb assembly under irradiation with deuterons of energies 1.6 GeV (2008) Problems of Atomic Science and Technology, (5), pp. 174-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549292770&partnerID=40&md5=25f68216a6db34d16bde57662c85fd21
	Gopych, P.M., Demchenko, M.N., Zalyubovskij, I.I., Kizim, P.S.	Cross sections of (n, α) reaction on $^{112,114,116}\text{Sn}$ at the neutron energy of 14.6 MeV (1995) Atomnaya Energiya, 78 (5), pp. 329-331.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029296164&partnerID=40&md5=7332941362184c4b37de3a0b3f02f782
	Gopych, P.M., Demchenko, M.N., Zalyubovskij, I.I., Kizim, P.S.	The cross sections of (n, α) reactions on $^{112,114,116}\text{Sn}$ at a neutron energy of 14.6 MeV (1995) Atomic Energy, 78 (5), pp. 323-325.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249756615&doi=10.1007%2Fb02419256&partnerID=40&md5=b7dded7d80d4d83c7d68f1d569ef5f8e0
	Gopych, P.M., Demchenko, M.N., Zalyubovskij, I.I., Kizim, P.S. , Panasencko, S.I.	Cross section of (n, d) + (n, np) + (n, pn) reactions on even cadmium and tin isotopes at neutron energy of 14 Mev (1993) Atomnaya Energiya, 75 (3), pp. 233-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027666715&partnerID=40&md5=825636fbde050681bd1d5a11b8efb0f9
	Gopych, P.M., Demchenko, M.N., Zalyubovskij, I.I., Kizim, P.S. , Panasencko, S.I.	Cross section of the reaction (n, d) + (n, np) + (n, pn) at even cadmium and tin isotopes for 14-MeV neutrons (1993) Atomic Energy, 75 (3), pp. 738-740.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249763951&doi=10.1007%2Fb00750085&partnerID=40&md5=cca12761016b60dade2994cc4cc2d9c4
	Gopych, P.M., Zalyubovskij, I.I., Kizim, P.S. , Sorokin, V.I., Sotnikov, V.V., Fomin, E.A.	Isotope systematics of (n, γ) cross sections for even tellurium isotopes (1993) Atomic Energy, 74 (1), pp. 77-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250083599&doi=10.1007%2Fb00750981&partnerID=40&md5=93d23ad4e29525472189cfce23329bea
	Gopych, P.M., Zalyubovskij, I.I., Kizim, P.S. , Sorokin, V.I., Sotnikov, V.V., Fomin, E.A.	On isotope systematic of (n, γ)-reaction cross section for even tellurium isotopes (1993) Atomnaya Energiya, 74 (1), pp. 78-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027204531&partnerID=40&md5=aae00076007e5bc552310f5091ce3df
283	Kolyadenko, Yu.Yu. , Alali, A.M.	Space-Time division multiple access to LTE network base stations (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (19), pp. 1737-1743.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959018388&doi=10.1615%2FtelecomRadEng.v74.i19.60&partnerID=40&md5=cd7b9c0d7767d65cbbcf774e716d2153
	Kolyadenko, Y. , Kolyadenko, O.	Promising radio networks frequency resource allocation cognitive approach (2014) 2014 1st International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2014 - Conference Proceedings, статья № 6992327, pp. 132-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921278218&doi=10.1109%2FINFOCOMMST.2014.6992327&partnerID=40&md5=a999351f85aee2d5f4fed6774ad8a9de
	Kolyadenko, Y. , Alali, A.	Intersystem interference on LTE network bandwidth influence analysis (2014) 2014 1st International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2014 - Conference Proceedings, статья № 6992324, pp. 125-126.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921272600&doi=10.1109%2FINFOCOMMST.2014.6992324&partnerID=40&md5=87a09f35e9e91ba0c2044db325218793
	Kolyadenko, Yu.Yu. , Moskalets, N.V.	Analysis of electromagnetic compatibility of wireless local area networks (2007) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 66 (8), pp. 741-751.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38149139250&doi=10.1615%2FtelecomRadEng.v66.i8.40&partnerID=40&md5=1f29da10193a233fb66de79cfb80a690
	Kolyadenko, Y.	Processing the signals in user radioaccess systems (2006) Modern Problems of Radio Engineering, Telecommunications and Computer Science Proceedings of International Conference, TCSET 2006, статья № 4404521, pp. 275-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48149111115&doi=10.1109%2FTCSET.2006.4404521&partnerID=40&md5=a0fa3ee7c7b5c2ee2729b24fb95e86bf
	Popovskij, V.V., Kolyadenko, Yu.Yu.	Adaptive interference compensators: Problems and methods of their solution (2003) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 60 (3-4), pp. 71-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949935764&doi=10.1615%2FtelecomRadEng.v60.i34.90&partnerID=40&md5=e3cd26c93a0e08ffaf6c5e93c0a3dd35
	Kolyadenko, Yu.Yu.	Adaptive antenna arrays in the auxiliary receiving channel of the interference compensator for user radioaccess systems (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, статья № 1239249, pp. 421-423.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946147912&doi=10.1109%2FICATT.2003.1239249&partnerID=40&md5=c5c73a1f2948abf6d0b5af6ccccc6668
	Kolyadenko, Yu.Yu.	A nonlinear stochastic model of space-time processing of communication signals (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (10), pp. 49-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844468119&partnerID=40&md5=f89a756d6ae68bf6ce4340aa6812320
284	Lymar, V.I. , Kazachkova, N.A., Kofman, O.I., Slabunova, N.V.	Stimulated Doppler effect on the surface of a gas bubble thermocapillary trapped by a laser in an absorbing liquid (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 7851427, pp. 201-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015284389&doi=10.1109%2FCAOL.2016.7851427&partnerID=40&md5=a3f3f515c611a2a3b46eddaa532cd2
	Ageev, L.A., Miloslavskij, V.K., Lymar, V.I. , Reznikova, V.M.	Photoinduced transformations in a thin-film waveguide AgCl-Ag composition under a green (532 nm) laser beam (2013) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 115 (6), pp. 843-847.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893103082&doi=10.1134%2FIS0030400X13120023&partnerID=40&md5=070cbd2c52b9eb9c454c9667874a9042
	Ageev, L.A., Miloslavskij, V.K., Lymar, V.I. , Reznikova, V.M.	Periodical structures, absorption spectra and dichroism induced by laser radiation in composite AgCl-Ag film (2013) Functional Materials, 20 (3), pp. 345-350.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885078715&partnerID=40&md5=6c7ac6be260b3344b6bf0b77fac2a16
	Lymar, V.	Resonant waveguide mode excitation at plane monochromatic wave diffraction on structures inside or near planar waveguide (2012) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, статья № 6331287, pp. 64-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870809338&doi=10.1109%2FMMET.2012.6331287&partnerID=40&md5=348c18fd9fa02642f66e891b571aa8cd
	Lymar, V.I.	About the integral presentations of Hertzian vector-potential components for the field of a point dipole oscillating inside dielectric film (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, статья № 1689760, pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547268083&partnerID=40&md5=af4eb9f61ad9d0e05c2780f0924fe2a
	Lymar, V.I.	Two-dimensional Bragg-Ewald's dynamical diffraction and spontaneous gratings: Qualitative nonlinear optics treatment (2003) Acta Physica Polonica A, 103 (2-3), pp. 275-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037303389&partnerID=40&md5=4bec0c29d92bc134ce97a4879e8307b8
	Lymar, V.I. , Miloslavskij, V.K., Ageev, L.A.	Two-dimensional Bragg-Ewald's dynamical diffraction and spontaneous gratings (2001) Proceedings of LFNM 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 930249, p. 211.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963894689&doi=10.1109%2FLFNM.2001.930249&partnerID=40&md5=9c870260a517847bc5a1914a97bcebf
	Lymar, V.I. , Miloslavskij, Vladimir K., Ageev, Leonid A.	Temporary evolution of the spontaneous gratings in thin photosensitive films AgCl-Ag (1995) Proceedings of SPIE - The International Society for Optical Engineering, 2648, pp. 722-731.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029453337&partnerID=40&md5=325d1d77103e9acbd9f4cc776ae893d
285	Marushchenko, I. , Azarenkov, N.A.	Relativistic neoclassical transport coefficients with momentum correction (2017) Problems of Atomic Science and Technology, 107 (1), pp. 92-95.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016112878&partnerID=40&md5=a929473c2150158a77184bd763ac512
	Marushchenko, I. , Azarenkov, N.A.	Relativistic effects in electron neoclassical transport (2015) Problems of Atomic Science and Technology, 95 (1), pp. 37-40.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923138923&partnerID=40&md5=8a7204161eeff3c4c5b621998dc1eb3
	Marushchenko, I.N. , Azarenkov, N.A.	Relativistic mono-energetic transport coefficients in hot plasmas (2013) Problems of Atomic Science and Technology, (4), pp. 112-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881576214&partnerID=40&md5=5f7e467ccfd1c29be798efd743219c29

	Marushchenko, I. , Azarenkov, N.A., Marushchenko, N.B.	Relativistic neoclassical radial fluxes in the 1/v regime (2013) Plasma Physics and Controlled Fusion, 55 (8), статья № 085005. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881494913&doi=10.1088%2F0741-3335%2F55%2F8%2F085005&partnerID=40&md5=8c5a8ae429839eb6f6c240710888456e
	Marushchenko, I.N. , Azarenkov, N.A., Marushchenko, N.B.	Relativistic neoclassical fluxes in hot plasmas (2013) Problems of Atomic Science and Technology, (1), pp. 67-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876167051&partnerID=40&md5=cb60b8beb35932a35e7a2002a864d213
	Marushchenko, I. , Azarenkov, N.A., Marushchenko, N.B.	On stability of collisional coupling between relativistic electrons and ions in hot plasmas (2012) Physics of Plasmas, 19 (11), статья № 112109. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870604818&doi=10.1063%2F1.4766898&partnerID=40&md5=92906d4c763d63577166c04b8f657f85
	Zwierzicki, M., Khomyakov, P.A., Starikov, A.A., Xia, K., Talanana, M., Xu, P.X., Karpan, V.M., Marushchenko, I. , Turek, I., Bauer, G.E.W., Brocks, G., Kelly, P.J.	Calculating scattering matrices by wave function matching (2008) Physica Status Solidi (B) Basic Research, 245 (4), pp. 623-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-55649099678&doi=10.1002%2Fpsb.200743359&partnerID=40&md5=c934ec48575af2404b5b10065c2d4bd
	Xu, P.X., Karpan, V.M., Xia, K., Zwierzicki, M., Marushchenko, I. , Kelly, P.J.	Influence of roughness and disorder on tunneling magnetoresistance (2006) Physical Review B - Condensed Matter and Materials Physics, 73 (18), статья № 180402. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646726562&doi=10.1103%2FPhysRevB.73.180402&partnerID=40&md5=a0c0e5a57901e56d6126dbb0464c38
286	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	Coaxial-slot antenna array with different lengths of radiators (2016) 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, статья № 7739607. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007299001&doi=10.1109%2FUKRMiCo.2016.7739607&partnerID=40&md5=c9a8be7a16544e9193f618857ec1a568
	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	Electrodynamic characteristics of multielement coaxial-slot antenna (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724194, pp. 221-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8500866281&doi=10.1109%2FUWBUSIS.2016.7724194&partnerID=40&md5=8425018562f911d7f041e4e60d610d5
	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	Energy characteristics of the slot system in the screen of coaxial line with controlled termination (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136834. .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939441396&doi=10.1109%2FICATT.2015.7136834&partnerID=40&md5=3f1a91c2dc795363227cbb53c6ff725a
	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	The frequency-energy and spatial characteristics of the coaxial-slot array (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650707, pp. 148-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898609674&doi=10.1109%2FICATT.2013.6650707&partnerID=40&md5=602d218df680090e1263b2ddc7053aab
	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	Radiation from the transverse slot cut in a coaxial line in the lossy material medium (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379738, pp. 78-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872243029&doi=10.1109%2FUWBUSIS.2012.6379738&partnerID=40&md5=5c2c9af71568b4d96b106eac5a511263
	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	Slot radiator in the semi-infinite coaxial line (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336068, pp. 495-496.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869749865&partnerID=40&md5=a47ec70dc891a2237fad276df75dc0d2
	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	Multielement systems of coaxial-slot radiators (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069049, pp. 545-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455142489&partnerID=40&md5=00c39ab290659c95428bf24d16799138
	Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V.	A slot radiator in a coaxial line (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (5), pp. 395-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961076115&doi=10.1615%2FTelecomRadEng.v70.i5.20&partnerID=40&md5=73d9fb02355a7b1dc66faf641f9c402
287	Minenko, E.V. , Sarkisyanz, T.Z.	ON INHOMOGENEOUS MIXED STATE IN SUPERLATTICE SUPERCONDUCTORS. (1987) Fiz Nizk Temp, 13 (12), pp. 1265-1275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023560692&partnerID=40&md5=43049c2b9c150580ec2a29a47cc6b807
	Minenko, E.V.	FEATURES OF UPPER CRITICAL MAGNETIC FIELDS IN SUPERCONDUCTORS WITH SUPERLATTICES. (1987) Fiz Nizk Temp, 13 (9), pp. 899-906.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023416768&partnerID=40&md5=1490bd1ce97c23d40b8b3b9838656df
	Obolenskii, M.A., Beletskii, V.I., Chashka, Kh.B., Basteev, A.V., Minenko, E.V.	FEATURES IN THE TEMPERATURE DEPENDENCE OF THE RESISTIVITY AND THE CRITICAL PARAMETERS OF THE SUPERCONDUCTING STATE IN H/xNbSe/2. (1984) Soviet Journal of Low Temperature Physics (English Translation of Fizika Nizkikh Temperatur), 10 (6), pp. 305-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021440956&partnerID=40&md5=48327f177ad6ee1fc6ff18cb6c479f75
	Sidorenko, A.S., Minenko, E.V. , Fogel, N.Ya., Shekhter, R.I., Kulik, I.O.	Critical field anisotropy in inhomogeneous superconducting films (1979) physica status solidi (a), 52 (1), pp. K89-K91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987070837&doi=10.1002%2Fpsa.2210520162&partnerID=40&md5=e70971cfb82d09b4a32f5ea2b526c2a0
	Minenko, E.V. , Kulik, I.O.	SURFACE SUPERCONDUCTIVITY IN LAYERED COMPOUNDS. (1977) Sov J Low Temp Phys, 3 (10), pp. 597-604.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017543817&partnerID=40&md5=425b154c332dbb7036a0ab5e5ba2d858
	Perepelkin, S.S., Minenko, E.V.	MAGNETIC SHIELDING BY SUPERCONDUCTING SHELLS. (1976) Sov Phys Tech Phys, 21 (11), pp. 1422-1425.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017016879&partnerID=40&md5=9fc49d846bdec8476ae60474dfb232cc
	Kulik, I.O., Minenko, E.V.	MAGNETIC PROPERTIES OF LAYERED SUPERCONDUCTORS. (1976) Sov J Low Temp Phys, 2 (5), pp. 274-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016953729&partnerID=40&md5=021920184153b4efb26fc7fe015c5276
	Minenko, E.V.	CRITICAL FIELDS AND LATTICE STRUCTURE OF "TILTED VORTICES" IN A SUPERCONDUCTOR SURFACE LAYER AND IN THIN FILMS. (1976) Sov J Low Temp Phys, 2 (1), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016903823&partnerID=40&md5=004d336c23b1551c565a379aaf899e1
289	Shtoda, D.A., Antonenko, E.A., Mustetsov, N.P.	Possibilities of microwave imaging in medicine (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724181, pp. 175-178.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000416116&doi=10.1109%2FUWBUSIS.2016.7724181&partnerID=40&md5=e9573d392c565a2ab76d05f7a15051fb
	Antonenko, E.A., Katrych, V.A., Mustetsov, N.P. , Karpov, A.I.	Pulse wave registration method by the instrumentality of microstrip resonators (2012) CrMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336262, pp. 952-953.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869805986&partnerID=40&md5=e678d59d71cd495a63e525947c87048f
	Antonenko, E.A., Mustetsov, N.P. , Katrich, V.A., Karpov, A.I.	The research method of biological tissue permittivity (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6068802, pp. 1009-1010.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143800&partnerID=40&md5=f550bac75d9a31d04391748b2c45397c
	Beletskiy, N.I., Mustetsov, N.P. , Pavlenko, D.V., Polyanskiy, N.E.	Detectors with Schottky barrier on the basis of A2B6 semiconductors (2011) CrMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069109, pp. 689-690.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143391&partnerID=40&md5=3bb6c17c8896726c1b8c4a47e98489b1
	Katrich, V.A., Mustetsov, N.P. , Karpov, A., Antonenko, E.A.	Hardware-software complex for research of absorption spectrum of blood in decimetre band (2010) KpbiMuKo 2010 CrMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632941, pp. 1147-1148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650413356&partnerID=40&md5=0e2e1743c09832acc7e9d3962c1fda81
	Katrich, V.A., Mustetsov, N.P. , Beletsky, N.I., Antonenko, E.A.	Trial-and-error procedure of parametres of electromagnetic fields for therapeutic intervention (2010) KpbiMuKo 2010 CrMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632937, pp. 1149-1150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650394463&partnerID=40&md5=0dc8145d6931658c175d754b2007fb96

	Myatyga, A.N., Mustetsov, N.P.	Software- and hardware-controlled cardiological diagnostics complex (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (7-8), pp. 195-199.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144457429&partnerID=40&md5=a801fa2f611440e54e73f63c9f24c990
	Mustetsov, N.P. , Karabanova, O.A.	Possibilities of laser methods in laboratory diagnostics (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (4), pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044457959&partnerID=40&md5=4b5e2bc4b576815a16e64cc655340d65
290	Adamenko, I.N., Nemchenko, E.K.	Polarization of He II films upon the relative motion of the superfluid component and the quantized vortices (2016) Low Temperature Physics, 42 (4), pp. 258-264.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968912194&doi=10.1063%2f1.4947309&partnerID=40&md5=4f3ffad1ace216e48bc6b828e6f30d6d
	Adamenko, I.N., Nemchenko, E.K.	Polarization of He II films with motion of superfluid component relative to the quantized vortices (2016) Fizika Nizkikh Temperatur, 42 (4), pp. 335-342.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961794327&partnerID=40&md5=69780a085a1f8e5bd1017501c541060c
	Adamenko, I.N., Nemchenko, E.K.	The electric polarization of He II by quantized vortices (2015) Fizika Nizkikh Temperatur, 41 (7), pp. 635-643.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930459914&partnerID=40&md5=9afaea889ac5667dc2ae4bddbba3a416
	Adamenko, I.N., Nemchenko, E.K.	Electric polarization of He II by quantized vortices (2015) Low Temperature Physics, 41 (7), pp. 495-501.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938064139&doi=10.1063%2f1.4927310&partnerID=40&md5=810dbdf6c1c715b1180c27d02e016125
	Adamenko, I.N., Nemchenko, E.K.	Interaction of phonons at superfluid helium-solid interfaces (2014) Condensed Matter Physics, 17 (1), статья № 13602, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896354620&doi=10.5488%2f1CMP.17.13602&partnerID=40&md5=445e3d3c9f4a4a99bdb67239f579c6c
	Adamenko, I.N., Nemchenko, E.K.	Phonon transformation at a superfluid helium-solid interface (2013) Low Temperature Physics, 39 (9), статья № 010309LTP, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884951631&doi=10.1063%2f1.4821756&partnerID=40&md5=22976635d428c4089f20f0c0ad6c8801
	Adamenko, I.N., Nemchenko, E.K.	Phonon transformation at the superfluid helium-solid interface (2013) Fizika Nizkikh Temperatur, 39 (9), pp. 975-985.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884572764&partnerID=40&md5=ba5488ae4d4b100a5dc078cb914c960e
	Adamenko, I.N., Nemchenko, E.K.	Heat flow from solid to liquid he ii due to inelastic processes of phonons interaction (2013) Journal of Low Temperature Physics, 171 (3-4), pp. 266-272.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884547425&doi=10.1007%2f10909-012-0754-9&partnerID=40&md5=1af7617f8fe93f66a19c1dba17cc0f9
291	Reshetnyak, E.A., Chernysheva, O.S., Nikitina, N.A. , Loginova, L.P., Mchedlov-Petrosyan, N.O.	Activity coefficients of alkyl sulfate and alkylsulfonate ions in aqueous and water-salt premicellar solutions (2014) Colloid Journal, 76 (3), pp. 358-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903137629&doi=10.1134%2f1061933114030132&partnerID=40&md5=0506784f4bad97c5c9a1fdcbcd36aa0d
	Reshetnyak, E.A., Ivchenko, N.V., Nikitina, N.A.	Photometric determination of aqueous cobalt (II), nickel (II), copper (II) and iron (III) with 1-nitroso-2-naphthol-3,6-disulfonic acid disodium salt in gelatin films (2012) Central European Journal of Chemistry, 10 (5), pp. 1617-1623.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867060343&doi=10.2478%2f11532-012-0081-7&partnerID=40&md5=747c6d1030316390f4d77aecccd9f54b
	Nikitina, N. , Reshetnyak, E., Shevchenko, V., Zhitnyakovskaya, Y.	Application of colorimetry as an analytical tool (2011) Studia Universitatis Babes-Bolyai Chemia, (4), pp. 265-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859348786&partnerID=40&md5=a5d912c53a5a2ad96d2ff84158258f6
	Nikitina, N.A. , Reshetnyak, E.A., Svetlova, N.V., Mchedlov-Petrosyan, N.O.	Protolytic properties of dyes embedded in gelatin films (2011) Journal of the Brazilian Chemical Society, 22 (5), pp. 857-866.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955160953&doi=10.1590%2f150103-50532011000500007&partnerID=40&md5=35ea317484ea4727310be7720fb795c3
	Ostrovskaya, V.M., Tsygankov, A.V., Prokopenko, O.A., Buryak, A.K., Reshetnyak, E.A., Nikitina, N.A.	Determination of nitrite ions using test strips based on 3-hydroxy-7,8-benzo-1,2,3,4-tetrahydroquinoline (2008) Journal of Analytical Chemistry, 63 (8), pp. 792-798.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47849132637&doi=10.1134%2f1061934808080145&partnerID=40&md5=bb58628ba2fb8f16b8ceaf10a036c6bf
	Reshetnyak, E.A., Nikitina, N.A. , Loginova, L.P., Ostrovskaya, V.M.	Limit of detection in test methods of analysis with visual indication: Affecting factors (2005) Journal of Analytical Chemistry, 60 (10), pp. 982-989.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844481887&doi=10.1007%2f10809-005-0221-8&partnerID=40&md5=31976c3bf743454c80d7e83aadd60a52
	Ostrovskaya, V.M., Reshetnyak, E.A., Nikitina, N.A. , Panteleimonov, A.V., Kholin, Yu.V.	A test method for determining total metals with an indicator paper and its performance characteristics (2004) Journal of Analytical Chemistry, 59 (10), pp. 995-1001.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5444256676&doi=10.1023%2f1061934JANC.0000043919.39809.23&partnerID=40&md5=a2b102b4b482c3f7380028a3b5e14b
	Ostrovskaya, V.M., Reshetnyak, E.A., Nikitina, N.A. , Panteleimonov, A.V., Kholin, Yu.V.	A test method for determining total metals with an indicator paper and its performance characteristics (2004) Zhurnal Analiticheskoy Khimii, 59 (10), pp. 1101-1108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5644238537&partnerID=40&md5=5e13d0162205da1a105066f29615059e
292	Zadykowicz, B., Wera, M., Sanin, E.V., Novikov, A.I. , Roshal, A.D., Sikorski, A., Storonak, P., Blaziejowski, J.	Global and local interactions in the structure of crystalline 7-(diethylamino)-2-(2-oxo-2H-chromen-3-yl)chromenium perchlorate (2016) Structural Chemistry, 27 (2), pp. 637-649.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961183495&doi=10.1007%2f11224-015-0596-6&partnerID=40&md5=082dadd00611a36fb9765dbbf5e17a0f
	Sanin, E.V., Novikov, A.I. , Roshal, A.D.	Quantum-chemical investigation of the structure and spectral characteristics of 2-(3-Coumaroyl)benzopyrylium cations (2014) Chemistry of Heterocyclic Compounds, 50 (3), pp. 371-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904304548&doi=10.1007%2f10593-014-1485-4&partnerID=40&md5=5b28b778735fe0b56c47eb52c5e0975f
	Sanin, E.V., Novikov, A.I. , Roshal, A.D.	Investigations of solvatochromism of 2-(3-coumaroyl)-benzopyrylium dye and its di-substituted derivatives (2013) Functional Materials, 20 (3), pp. 366-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885082483&partnerID=40&md5=f2234094f6e912be1694fa7565058fcd
	Roshal, A.D., Sikorski, A., Baumer, V.N., Novikov, A.I. , Bazejowski, J.	Two polymorphs of 2-(4-chlorophenyl)-4-methylchromenium perchlorate (2007) Acta Crystallographica Section C: Crystal Structure Communications, 63 (11), pp. 0626-0630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35948943117&doi=10.1107%2f10108270107039558&partnerID=40&md5=96cae2795f9d41960826f810c5093d14
	Roshal, A.D., Minaev, D.Yu., Pedash, Yu.F., Novikov, A.I.	Spectral properties of phenylbenzopyrylium salts in solutions as a result of their nucleophilic solvation (2002) Polish Journal of Chemistry, 76 (9), pp. 1301-1321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036714120&partnerID=40&md5=ec108d232a555c83462250786231f15
	Roshal, A.D., Minaev, D.Yu., Koval, V.L., Novikov, A.I.	Luminescent properties of 2-phenylbenzopyrylium salts (1998) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 85 (5), pp. 705-710.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-11644279612&partnerID=40&md5=8989c4566701c7fad28f83abcdb52c6
	Roshal, A.D., Minaev, D.Yu., Koval, V.L., Novikov, A.I.	Luminescent properties of 2-phenylbenzopyrylium salts (1998) Optika i Spektroskopiya, 85 (5), pp. 772-777.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0005355434&partnerID=40&md5=a27fbbbf24359cf73e24ab69c2a3896b
	Baumer, V.N., Ponomaryov, O.A., Novikov, A.I. , Lakin, E.E., Kuznetsov, V.P.	Structure of 2-(iminocoumar-3-yl)-4-(coumar-3-yl)-thiazole, C ₂₁ H ₁₄ N ₂ O ₃ S (1993) Advanced Materials for Optics and Electronics, 2 (4), pp. 191-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984128525&doi=10.1002%2famo.860020406&partnerID=40&md5=acd995a1fefed39350ec098da3b5d76a
293	Paranich, A.V., Paranich, L.I. , Bugai, E.V., Ortis, L.F.	The protective action of tocopherol acetate in simultaneous administration with nitrobenzene and its chloro derivatives [Zashchitnoe deistvie tokoferola atsetata pri odnovernennom vvedenii s nitrobenzolem i ego khlorproizvodnymi.] (1998) Likars'ka sprava / Ministerstvo okhorony zdorov'ia Ukrainy, (3), pp. 31-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032065218&partnerID=40&md5=72a96e28b9564ada57707bbc8c7f31e2
	Paranich, A.V., Paranich, L.I. , Vasylenko, N.M., Buhai, O.V., Butenko, L.V., Sysa, I.V., Optis, T.L.	Effect of nitrobenzene and its chlorine derivatives on antioxidative homeostasis [Vplyv nitrobenzolu ta ioho khlorpokhidnykh na antyoksydatsiyni homeostaz.] (1994) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 40 (2), pp. 82-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17044460691&partnerID=40&md5=7ae2de611e891e77c18899c1ca8f545e
	Paranich, A.V., Paranich, L.I. , Buhai, O.V., Ortys, L.F.	Protective effect of vitamin E in acute administration of nitrobenzene and its chlorine derivatives into the stomach of rats [Zakhytna diia vitaminu E pry hostromu vvedenni nitrokhlorbenzolu ta ioho khlorpokhidnykh u shlnok shchuriv.] (1994) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 40 (1), pp. 94-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028367433&partnerID=40&md5=f96ecd16b7fd97ed62c4515a850eb9a8

	Paranich, L.I. , Paranich, A.V., Vasilenko, N.M., Bugai, E.V.	Effects of nitrobenzene and its chlorine derivatives on some parameters of antioxidative homeostasis in rat tissues (1993) Byulleten Eksperimentalnoi Biologii i Meditsiny, 116 (10), pp. 402-405.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027675352&partnerID=40&md5=69bc3466250b973db9ada3ad4e141be
	Paranich, L.I. , Paranich, A.V., Vasilenko, N.M., Bugai, E.V., Ortiz, L.	Effect of nitrobenzene and its chloro-substituted derivatives on parameters of antioxidant homeostasis in rat tissues (1993) Bulletin of Experimental Biology and Medicine, 116 (4), pp. 1262-1265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249770918&doi=10.1007%2FbF00802850&partnerID=40&md5=395a19496b0aff0c11ae0fddc7d44f40
	Khipko, S.E., Paranich, L.I. , Zvezdaj, V.I., Starchenko, G.D., Vashchuk, N.A.	Mutagenic activity of dispersed orange 2K nitro dye and its main component Reax disperser (1992) Meditsina Truda i Promyshlennaya Ekologiya, (4), pp. 30-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027033030&partnerID=40&md5=a1538b8b9c4fbc11457c223272f929ca
	Vasilenko, N.M., Khipko, S.E., Paranich, L.I. , Omel'chenko, O.A.	A study of the reproductive function in white rats exposed to inhalations of resorcinol 4,4'-diaminodiphenyl ether (1991) Meditsina Truda i Promyshlennaya Ekologiya, (10), pp. 26-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026243141&partnerID=40&md5=17e89ce8f2e7b383c3da63d8efd27f3
	Khipko, S.E., Paranich, L.I. , Zvezdaj, V.I., Vashuk, N.A., Iashina, L.N.	Morpho-functional state of the spermatogenic epithelium in rats under chronic inhalation effects of dispersible 2K orange azo dye [Morfofunktsional'noe sostoianie spermatogennogo epiteliia krysa pri khronicheskoi ingaliatsionnoi vozdeistvii azokrasitelia dispersnogo oranzhevogo 2K.] (1990) Meditsina Truda i Promyshlennaya Ekologiya, (12), pp. 30-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025560047&partnerID=40&md5=3206aea4b8988959b7652ff5843cb568
294	Dalchenko, P.G., Dzyubenko, M.I., Pedash, V.F. , Pedash, Yu.F.	Comparative analysis of singlet and excited states of xanthene and oxazine dyes (2006) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 65 (11), pp. 1003-1014.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3424977609&doi=10.1615%2FtelecomRadEng.v65.i11.40&partnerID=40&md5=21079a446e457ba16d13ec8813ddaf
	Kulagin, N.A., Pedash, V.F.	X-ray spectra of actinides. N- and Z-dependences (1997) Optika i Spektroskopiya, 82 (2), pp. 212-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749640301&partnerID=40&md5=2d7fb8c55801b36569a6dee4750bd1f8
	Kulagin, N.A., Pedash, V.F.	X-ray spectra of actinides: N- and Z-dependences (1997) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 82 (2), pp. 190-193.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244355224&partnerID=40&md5=3d2f77e932631d5f54ffd40ffc213beb
	Pedash, V.F. , Pedash, Yu.F.	Electron transitions in the spectra of diaryl-substituted 1,3,4-oxadiazole (1987) Journal of Applied Spectroscopy, 46 (4), pp. 403-406.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023325921&doi=10.1007%2FbF00660055&partnerID=40&md5=169d3be6a2723cae46894fc671b38ef
	Pedash, Yu.F., Pedash, V.F. , Luzanov, A.V.	Comparison of variational and coupled perturbation theories in semiempirical calculations on molecular polarizability (1986) Journal of Structural Chemistry, 27 (1), pp. 151-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250109067&doi=10.1007%2FbF00763582&partnerID=40&md5=610ea60650c66c9a612e6964b7271b07
	Pedash, V.F. , Luzanov, A.V.	Separation of the local contributions to the transition moments and the polarizability of a molecule in the self-consistent field method (1981) Journal of Structural Chemistry, 21 (4), pp. 439-445.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250239273&doi=10.1007%2FbF00746368&partnerID=40&md5=0c502646ea1604eb0ab7b68bb9f239fc
	Luzanov, A.V., Pedash, V.F.	Interpretation of excited states using charge-transfer numbers (1980) Theoretical and Experimental Chemistry, 15 (4), pp. 338-341.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250262107&doi=10.1007%2FbF00520694&partnerID=40&md5=fd1a7253f98cfadd2fa119553b9c7914
	Blagoy, Y.U.P., Sheina, G.G., Luzanov, A.V., Silina, L.K., Pedash, V.F. , Rubin, Y.U.V., Leibina, E.A.	Effect of substituents on electron energy redistribution in uracil derivatives and their ionization in polar solvents (1980) International Journal of Quantum Chemistry, 18 (4), pp. 913-919.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987063844&doi=10.1002%2Fqua.560180402&partnerID=40&md5=23f567f39988c87070e7178ab52b3452
295	Petrushenko, S.I. , Dukarov, S.V., Sukhov, V.N.	Effect of lead on the thermal dispersion of continuous polycrystalline copper films (2017) Vacuum, 142, pp. 29-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018270820&doi=10.1016%2Fvacuum.2017.04.037&partnerID=40&md5=78a9038c0b064c08e458abe8378e13a
	Petrushenko, S.I. , Dukarov, S.V., Sukhov, V.N.	Supercooling during crystallization of fusible metal particles in multilayer "carbon-metal-carbon" films (2016) Problems of Atomic Science and Technology, 104 (4), pp. 118-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988662681&partnerID=40&md5=5e1e4c1d595b405bfa83594f913c23b9
	Petrushenko, S.I. , Dukarov, S.V., Sukhov, V.N.	Stability limits of the liquid phase in the layered Mo/Pb/Mo, Mo/Bi/Mo and Mo/In/Mo film systems (2016) Journal of Nano- and Electronic Physics, 8 (4), статья № 04073, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018508339&doi=10.21272%2Fjnp.8%284%282%29%29.04073&partnerID=40&md5=05095939e91d1f4b3e887cbeab504df9
	Petrushenko, S.I. , Dukarov, S.V., Sukhov, V.N.	Growth of through pores and thermal dispersion of continuous polycrystalline films of copper (2016) Metallofizika i Noveishie Tekhnologii, 38 (10), pp. 1351-1366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014476076&doi=10.15407%2Fmfint.38.10.1351&partnerID=40&md5=d81865b9362e187889df2f166ac011cb
	Dukarov, S.V., Petrushenko, S.I. , Sukhov, V.N., Skryl, O.I.	In situ research on temperature dependence of the lattice parameters of fusible metals in thin Cu-Pb and Cu-Bi films (2016) Functional Materials, 23 (2), pp. 218-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976353433&doi=10.15407%2Ffvm.23.02.218&partnerID=40&md5=52364905fe8fb9e1992c2d24755144eb
	Petrushenko, S.I. , Dukarov, S.V., Sukhov, V.N.	Formation and thermal stability of liquid phase in layered film systems (2015) Vacuum, 122, pp. 208-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943776599&doi=10.1016%2Fj.vacuum.2015.09.030&partnerID=40&md5=5bdc9f1f02fd724cd9171f32dc7973
	Petrushenko, S.I. , Dukarov, S.V., Sukhov, V.N., Churilov, I.G.	Inner size effect in the polycrystalline metal films of fusible metals (2015) Journal of Nano- and Electronic Physics, 7 (2), pp. 02033-1-02033-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932169093&partnerID=40&md5=049f3784137b8354561e5b69e4539380
	Dukarov, S.V., Petrushenko, S.I. , Sukhov, V.N., Churilov, I.G.	Effect of temperature on the pores growth in the polycrystalline films of fusible metals (2014) Problems of Atomic Science and Technology, 89 (1), pp. 110-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893644336&partnerID=40&md5=43a5aeacabef8a218db35f165f60b86
296	Popkov, Yu.A., Van'kevich, A.V., Taranova, I.A., Savchenko, E.M. , Shuvalov, L.A.	Raman scattering and phase transitions in mixed crystals of K1-x(NH4)H2PO4 (1999) Fizika Nizkikh Temperatur (Kharkov), 25 (8-9), pp. 861-867.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844506815&partnerID=40&md5=a0e15b95c14886e08726b188fcd0d743
	Popkov, Yu.A., Van'kevich, A.V., Taranova, I.A., Savchenko, E.M. , Shuvalov, L.A.	Raman scattering and phase transitions in mixed crystals K1-x(NH4)xH2PO4 (1999) Low Temperature Physics, 25 (8-9), pp. 645-649.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26844528581&partnerID=40&md5=b8459dc656b6c35781a4120a4ff38f26
	Popkov, Y.A., Taranova, I.A., Van'kevich, A.V., Savchenko, E.M.	The role of ammonium ions in the "freezing" dynamics of mixed KADP crystals (1998) Journal of the Korean Physical Society, 32 (SUPPL. 2), pp. S613-S616.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032384199&partnerID=40&md5=73586012825c24e899ad7cf7a5554dc
	Van'kevich, A.V., Popkov, Yu.A., Savchenko, E.M. , Taranova, I.A.	Temperature behavior of the librational mode of NH4 the tetrahedron in mixed K1-x(NH4)xH2PO4 crystals (1996) Fizika Nizkikh Temperatur (Kharkov), 22 (10), p. 1221.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3343012151&partnerID=40&md5=71ac196344a72b3c6246a40afc9d60a7
	Skorobogatova, I.V., Savchenko, E.M. , Voloshin, V.A.	EFFECTS OF HYDROSTATIC PRESSURE ON THE FERROELASTIC PHASE TRANSITION IN CsDy(MoO4)/2. (1985) Bulletin of the Academy of Sciences of the U.S.S.R. Physical series, 50 (2), pp. 164-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022299523&partnerID=40&md5=7025fb2a0237fa18a886c63cbe8755bc3
	Skorobogatova, I.V., Savchenko, E.M.	Optic Investigation Of The Ferroelastic Transition In Csho(Moo4)2 (1983) Ferroelectrics, 48 (1), pp. 87-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963192842&doi=10.1080%2F00150198308227842&partnerID=40&md5=2ceae200abf727a43a0fcd8f15a0f28
	Skorobogatova, I.V., Savchenko, E.M. , Zvyagin, A.I.	FEATURES OF THE pT DIAGRAM AT THE FERROELASTIC TRANSITION IN CsDy(MoO4)/2. (1982) Bulletin of the Academy of Sciences of the U.S.S.R. Physical series, 47 (3), pp. 69-74.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020219923&partnerID=40&md5=eabab013a1905873561a2d4ffe9137ac
	Skorobogatova, I.V., Savchenko, E.M.	OPTIC INVESTIGATION OF THE FERROELASTIC TRANSITION IN Csho(MoO4)/2. (1982) Ferroelectrics, 48 (1 /2/3), pp. 87-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020140586&partnerID=40&md5=e150252b94234dd157a3135516e51be1
297	Azarenkov, N.A., Semenenko, V.E. , Ovcharenko, A.I., Pylypenko, M.M.	Monocrystalline structure formation of doped perfect silicon crystals (2016) Problems of Atomic Science and Technology, 101 (1), pp. 23-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958541486&partnerID=40&md5=e4a8128b17203d09d2cc223d10fc29c7
	Semenenko, V.E. , Ovcharenko, A.I., Pylypenko, M.M.	Influence of heat treatment on the strength of the Mo-Zr-C alloys (2014) Problems of Atomic Science and Technology, 89 (1), pp. 120-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893680942&partnerID=40&md5=97fd95c0b5a6f1d846a630d566f4cc7

	Semenenko, V.E. , Pylypenko, M.M.	Heat-strength composite materials based on refractory metals (2011) Problems of Atomic Science and Technology, (6), pp. 79-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84555218262&partnerID=40&md5=c9b050c4ff48ab95e6e49c5e44cf4263
	Azarenkov, M.O., Semenenko, V.E. , Pozniakov, V.O.	High-temperature natural microcomposites (2011) Metallofizika i Noveishie Tekhnologii, 33 (SPEC. ISS.), pp. 379-391.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860851915&partnerID=40&md5=5f3416fccc5d1553141ca8f281c7bdf3
	Azarenkov, N.A., Semenenko, V.E. , Stervovodov, N.G., Kasilov, A.A.	Influence of diffusive processes on structural stability and wearproofness of natural microcomposites (2011) Problems of Atomic Science and Technology, (2), pp. 149-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955646750&partnerID=40&md5=74cb4d265dbe54fa63a26423a309c8e3
	Semenenko, V.E. , Pylypenko, M.M., Poznyakov, V.A.	Dislocation structure of the natural microcomposition materials (2009) Problems of Atomic Science and Technology, (6), pp. 227-231.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549265174&partnerID=40&md5=949cb9cb1ed07c9a8af0e137a2f2fb9c
	Kuzmin, A.V., Semenenko, V.E. , Posukhov, A.S., Stervovodov, N.G.	Resonance method for thickness determinant of vacuum evaporated thin films (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (15), pp. 1391-1398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74349114824&doi=10.1615%2FTelecomRadEng.v68.i15.70&partnerID=40&md5=21ec5947908bc6384ca82d9abdb6f4d0
	Azhazha, V.M., Semenenko, V.E. , Pilipenko, N.N.	Ni-Ni 3B composite coating (2007) Powder Metallurgy and Metal Ceramics, 46 (1-2), pp. 32-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249852602&doi=10.1007%2F1106-007-0006-8&partnerID=40&md5=a3553519b5569de8d0c19a88080de561
298	Mchedlov-Petrossyan, N.O., Laguta, A.N., Shekhovtsov, S.V. , Eltsov, S.V., Chepeish, T.A., Omelchenko, I.V., Shishkin, O.V.	3,3'-Dinitrophenolsulphonophthalein: an acid-base indicator dye with unusual properties (2017) Coloration Technology, 133 (2), pp. 135-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&doi=10.1111%2Fcolsurfa.2016.09.045&partnerID=40&md5=9275083be893ea66ba1c40a0a8a2849
	Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Shekhovtsov, S.V.	The peculiar behavior of fullerene C60 in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems (2016) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 509, pp. 631-637.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&doi=10.1016%2Fcolsurfa.2016.09.045&partnerID=40&md5=bcf1353172f9b66bf519b30855b104cf
	Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S., Kryshchal, A.P., Klochkov, V.K., Shekhovtsov, S.V.	Towards better understanding of C60 organosols (2016) Physical Chemistry Chemical Physics, 18 (4), pp. 2517-2526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&doi=10.1039%2Fc5cp06806a&partnerID=40&md5=d94af8762e2d217a8bead445f414866
	Mchedlov-Petrossyan, N.O., Kamneva, N.N., Kharchenko, A., Shekhovtsov, S.V. , Marinin, A.I., Kryshchal, A.P.	The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes (2015) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 476, pp. 57-67.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&doi=10.1016%2Fcolsurfa.2015.03.001&partnerID=40&md5=746227da0c0396e8a8d22420f61638de
	Mchedlov-Petrossyan, N.O., Roshchyna, K.V., Shekhovtsov, S.V. , Eltsov, S.V., Zozulia, O.S., Omelchenko, I.V., Shishkin, O.V.	Revisiting tetranitrophenolsulphonophthalein (2015) Coloration Technology, 131 (3), pp. 236-244.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929521358&doi=10.1111%2Fcolsurfa.2015.03.001&partnerID=40&md5=256ee320b69cea5d7815da8889e3c8a
	Mchedlov-Petrossyan, N.O., Chepeish, T.A., Shekhovtsov, S.V. , Redko, A.N., Rybachenko, V.I., Omelchenko, I.V., Shishkin, O.V.	Ionization and tautomerism of methyl fluorescein and related dyes (2015) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 150, статья № 13704, pp. 151-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&doi=10.1016%2Fj.saa.2015.05.037&partnerID=40&md5=8fc3d020c32ce1010c85b6d3cca38b5
	Shekhovtsov, S.V. , Omelchenko, I.V., Dyakonenko, V.V., Shishkin, O.V., Allmann, R., Libor, T., Reichardt, C., Mchedlov-Petrossyan, N.O.	Synthesis and crystal structure determination of 2,6-di-tert-butyl-4-(2,4,6-triphenylpyridinium-1-yl)phenolate and its corresponding perchlorate salt (2012) Dyes and Pigments, 92 (3), pp. 1394-1399.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054965164&doi=10.1016%2Fj.dyepig.2011.06.029&partnerID=40&md5=29fde1b14fa107ebecbc8c12de2b753e
	Shekhovtsov, S.V. , Mchedlov-Petrossyan, N.O., Reichardt, C.	A new application of solvatochromic pyridinium-N-phenolate betaine dyes: Examining the electrophilicity of lanthanide shift reagents (2010) Tetrahedron Letters, 51 (33), pp. 4347-4349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955430219&doi=10.1016%2Ftlet.2010.06.057&partnerID=40&md5=e5979b5bf9de58d7844558c2bd74e9a7
299	Chornyi, V., Chornyi, A., Frolov, A., Tsepilov, G., Dubina, V., Solovyov, V.	Bremsstrahlung targets for high-current electron beams with effective generation of X-rays in the range 10-100 keV (2004) 15th International Conference on High-Power Particle Beams - Proceedings, BEAMS-2004, статья № 6220580, pp. 458-462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864206587&partnerID=40&md5=378c91a054de8ef082beb330b7427b74
	Chornyi, V., Tsepilov, G., Frolov, A., Dubina, V., Solovyov, V. , Chornyi, A.	Self-field compensation in high-current REB transported by grad-B drift in azimuthal magnetic field (2004) IEEE International Conference on Plasma Science, статья № 4P16, p. 282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13244250984&partnerID=40&md5=a56a7b34c17531d9b86d040ae1a20e4a
	Chornyi, V., Frolov, A., Tsepilov, G., Dubina, V., Chornyi, A., Solovyov, V.	Power conditioning with E-beam convergence (2003) Digest of Technical Papers-IEEE International Pulsed Power Conference, pp. 279-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1442331983&partnerID=40&md5=7c0c6c68b794a956d8a80223dc7eb83
	Chornyi, V.V., Frolov, A.I., Tsepilov, G.V., Dubina, V.N., Chornyi, A.V., Pis'menetskiy, S.A., Solovyov, V.S. , Ushakov, I.V.	Employment of the pulsed-ion accelerator as a high-power intermediate energy neutron generator for remote detection of nuclear explosives (2002) IEEE Transactions on Plasma Science, 30 (5 I), pp. 1827-1831.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036826786&doi=10.1109%2FTIP.2002.806627&partnerID=40&md5=84626c4a36d55a1c21166dd6c9c2e1b8
	Chornyi, V., Frolov, A., Tsepilov, G., Dubina, V., Chornyi, A., Pis'menetskiy, S., Solovyov, V. , Ushakov, I.	Employment of the pulsed ion accelerator as a high-power intermediate energy neutron generator for remote detection of nuclear explosives (2001) PPS 2001 - Pulsed Power Plasma Science 2001, 2, статья № 1001792, pp. 1316-1319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952043135&doi=10.1109%2FPPS.2001.1001792&partnerID=40&md5=9fe8069d7027506851c28725260252e6
	Chornyi, V., Chornyi, A., Dubina, V., Frolov, A., Solovyov, V. , Tsepilov, G., Ushakov, I., Ware, K., Cooperstein, G., Hinshelwood, D., Harper-Slaboszewicz, V., Vitkovitsky, I.	Improved bremsstrahlung targets for multi-terawatt modular X-ray generators (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220138, pp. 158-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10744230138&partnerID=40&md5=218e2bbd7cbfd7400c93bfaf80201b1
	Hinshelwood, D.D., Black, D.C., Cooperstein, G., Ottinger, P.F., Rose, D.V., Schumer, J.W., Stephanakis, S.J., Weber, B.V., Chornyi, V., Chornyi, A., Dubina, V., Frolov, A., Solovyov, V. , Tsepilov, G., Ushakov, I., Harper-Slaboszewicz, V., Vitkovitsky, I., Ware, K.	Electron beam transport system development for multi-terawatt modular x-ray generators (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6219918, pp. 500-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864557356&partnerID=40&md5=b400a232eadd873925a4291f7faa1850
	Chornyi, V., Frolov, A., Tsepilov, G., Solovyov, V. , Dubina, V., Harper-Slaboszewicz, V., Cooperstein, G., Hinshelwood, D., Schneider, R., Ware, K., Vitkovitsky, I.	Efficient injection of electron beams into magnetic guide fields (1999) Digest of Technical Papers-IEEE International Pulsed Power Conference, 1, pp. 425-428.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033316541&partnerID=40&md5=ccb09ae3f802c12b2c7b5687e2001d97
300	Azarenkov, N.A., Bobkov, V.V., Tishchenko, L.P., Starovoitov, R.I. , Kovtunen, Y.I., Logachev, Y.E., Gamayunova, L.A.	Sequential implantations of deuterium and helium ions into tungsten-coated composite structures (2016) Problems of Atomic Science and Technology, 106 (6), pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007529315&partnerID=40&md5=61f51255ab930221365f52f196318249
	Bobkov, V.V., Starovoitov, R.I. , Tishchenko, L.P., Kovtunen, Y.I., Gamayunova, L.A.	Deuterium-ion implantation into composite structures with tungsten coatings (2014) Journal of Surface Investigation, 8 (5), pp. 853-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918593444&doi=10.1134%2FS1027451014030264&partnerID=40&md5=d37e479dbe551a4be1c98e13207ad76
	Bizyukov, I.O., Girka, O.I., Starovoitov, R.I. , Bizyukov, O.A., Bobkov, V.V.	Exposure of tungsten surface to high-flux of helium and argon ions (2014) Problems of Atomic Science and Technology, 94 (6), pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918554358&partnerID=40&md5=66a1fa4d14e1642959d3efc3233d6611
	Bobkov, V.V., Tishchenko, L.P., Onishchenko, A.V., Zubarev, E.N., Starovoitov, R.I. , Kovtunen, Y.I., Logachev, Y.E., Gamayunova, L.A.	Implantation of helium and deuterium ions into tungsten-coated composite structures (2011) Journal of Surface Investigation, 5 (4), pp. 806-811.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961151563&doi=10.1134%2FS1027451011080052&partnerID=40&md5=ed900c6308c12e6eb37719d3be5bf2e

	Bobkov, V.V., Onishchenko, A.V., Sobol', O.V., Starovoitov, R.I. , Kovtunen, Y.I., Logachev, Y.E., Tishchenko, L.P.	Ion-implanted deuterium accumulation in a deposited tungsten coating (2010) Journal of Surface Investigation, 4 (5), pp. 852-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958021268&doi=10.1134%2FIS1027451010050289&partnerID=40&md5=8de07c0364d4b4c319a944d79b4ffa47
	Tishchenko, L.P., Peregon, T.I., Kovtunen, Y.I., Bobkov, V.V., Onishchenko, A.V., Starovoitov, R.I.	Study of trapping and release of ion-implanted deuterium from tungsten films (2006) Bulletin of the Russian Academy of Sciences: Physics, 70 (8), pp. 1372-1376.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247507266&partnerID=40&md5=6922089cd95497fc6554d5ec298566a2
	Lototsky, M.V., Yartys, V.A., Klochko, Ye.V., Borisko, V.N., Starovoitov, R.I. , Azhazha, V.M., V'Yugov, P.N.	Applications of Zr-V hydrogen getters in vacuum-plasma devices: Phase-structural and hydrogen sorption characteristics (2005) Journal of Alloys and Compounds, 404-406 (SPEC. ISS.), pp. 724-727.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28144458498&doi=10.1016%2Fj.jallcom.2005.02.086&partnerID=40&md5=4768a0e363b85945b1872dbb3a88573b
	Bobkov, V.V., Alimov, S.S., Bobkov, V.I.V., Slysarenko, Yu.V., Starovoitov, R.I.	Growth of metal newborn formations on cathode surface under influence of plasma flow (2003) Surface and Coatings Technology, 174-175, pp. 1271-1275.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144442486&doi=10.1016%2FS0257-8972%2803%2900631-5&partnerID=40&md5=c118531c3f5dca9a06af8bb91ce5523b
301	Chornyi, V., Chornyi, A., Frolov, A., Tsepilov, G. , Dubina, V., Solovyov, V.	Bremsstrahlung targets for high-current electron beams with effective generation of X-rays in the range 10-100 keV (2004) 15th International Conference on High-Power Particle Beams - Proceedings, BEAMS-2004, статья № 6220580, pp. 458-462.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864206587&partnerID=40&md5=378c91a054de8ef082be330b7427b74
	Chornyi, V., Tsepilov, G. , Frolov, A., Dubina, V., Solovyov, V., Chornyi, A.	Self-field compensation in high-current REB transported by grad-B drift in azimuthal magnetic field (2004) IEEE International Conference on Plasma Science, статья № 4P16, p. 282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-13244250984&partnerID=40&md5=a56a7b34c17531d9b86d040ae1a20e4a
	Chornyi, V., Frolov, A., Tsepilov, G. , Dubina, V., Chornyi, A., Solovyov, V.	Power conditioning with E-beam convergence (2003) Digest of Technical Papers-IEEE International Pulsed Power Conference, pp. 279-282.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1442331983&partnerID=40&md5=7c0c6c68b794aa965d8a80223dc7eb83
	Chornyi, V.V., Frolov, A.I., Tsepilov, G.V. , Dubina, V.N., Chornyi, A.V., Pis'menetskiy, S.A., Solovyov, V.S., Ushakov, I.V.	Employment of the pulsed-ion accelerator as a high-power intermediate energy neutron generator for remote detection of nuclear explosives (2002) IEEE Transactions on Plasma Science, 30 (5 I), pp. 1827-1831.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036826786&doi=10.1109%2FTPS.2002.806627&partnerID=40&md5=84626c4a36d55a1c21166dd6c9c2e1b8
	Chornyi, V., Chornyi, A., Dubina, V., Pis'menetskiy, S., Tsepilov, G. , Ushakov, I., Frolov, O.	Employment of the pulsed ion accelerator as a high-power intermediate energy neutron generator for remote detection of nuclear explosives (2001) IEEE International Conference on Plasma Science, pp. P3C01.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-17444451158&partnerID=40&md5=f7c55bc643659582280f538c7ac63f28
	Chornyi, V., Frolov, O., Tsepilov, G. , Dubina, V., Chornyi, A., Pis'menetskiy, S., Solovyov, V., Ushakov, I.	Employment of the pulsed ion accelerator as a high-power intermediate energy neutron generator for remote detection of nuclear explosives (2001) PPPS 2001 - Pulsed Power Plasma Science 2001, 2, статья № 1001792, pp. 1316-1319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952043135&doi=10.1109%2FPPPS.2001.1001792&partnerID=40&md5=9fe8069d7027506851c28725260252e6
	Chornyi, V., Chornyi, A., Dubina, V., Frolov, A., Solovyov, V., Tsepilov, G. , Ushakov, I., Ware, K., Cooperstein, G., Hinshelwood, D., Harper-Slaboszewicz, V., Vitkovitsky, I.	Improved bremsstrahlung targets for multiterawatt modular X-ray generators (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6220138, pp. 158-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10744230138&partnerID=40&md5=218e2bbd7cbfd7400c93bfaf80201b1
	Hinshelwood, D.D., Black, D.C., Cooperstein, G., Ottinger, P.F., Rose, D.V., Schumer, J.W., Stephanakis, S.J., Weber, B.V., Chornyi, V., Chornyi, A., Dubina, V., Frolov, A., Solovyov, V., Tsepilov, G. , Ushakov, I., Harper-Slaboszewicz, V., Vitkovitsky, I., Ware, K.	Electron beam transport system development for multi-terawatt modular x-ray generators (2000) 2000 13th International Conference on High-Power Particle Beams, BEAMS 2000, статья № 6219918, pp. 500-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864557356&partnerID=40&md5=b400a23eadd8739254291f7faa1850
302	Rutkas, A., Vlasenko, V.	Implicit operator differential equations and applications to electrodynamics (2000) Mathematical Methods in the Applied Sciences, 23 (1), pp. 1-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033666798&doi=10.1002%2F%28SICI%291099-1476%2820000110%2923%3a1%3c1%3a%3aAID-MMA100%3e3.0.CO%3b2-5&partnerID=40&md5=239d152b16f6325a665698427fba4c4
	Vlasenko, V.F.	A Mercer-type theorem (1992) Journal of Soviet Mathematics, 59 (1), pp. 679-681.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249840987&doi=10.1007%2FBF01102493&partnerID=40&md5=d223f597f45bc861af57b6c0dc46bd0
	Davydov, N.A., Vlasenko, V.F.	One class of bounded ineffective and completely ineffective normal conservative positive matrices (1989) Ukrainian Mathematical Journal, 41 (4), pp. 479-482.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249957362&doi=10.1007%2FBF01060629&partnerID=40&md5=07ee6706cb07e42e68fce138b11300a5
	Vlasenko, V.F. , Davydov, N.A.	Analog of the Daresvskii theorem for bounded sequences (1982) Ukrainian Mathematical Journal, 34 (3), pp. 284-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250227651&doi=10.1007%2FBF01682120&partnerID=40&md5=5c93ecac2b6c7b7675366ae489c678b2
	Vlasenko, V.F.	Summation of bounded divergent sequences with finite and infinite sets of partial limits (1979) Mathematical Notes of the Academy of Sciences of the USSR, 26 (4), pp. 778-781.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250255170&doi=10.1007%2FBF01159542&partnerID=40&md5=fb1b2fd4684b727886b53f9514026f0c
	Vlasenko, V.F.	Summability of diluted series by regular positive matrix methods (1969) Ukrainian Mathematical Journal, 19 (3), pp. 252-260.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250521824&doi=10.1007%2FBF01087001&partnerID=40&md5=ef721b08b555d05e9f912885b7f9db0a
	Vlasenko, V.F.	Negative results concerning the summation of diluted series (1968) Ukrainian Mathematical Journal, 20 (6), pp. 716-718.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250488926&doi=10.1007%2FBF01085241&partnerID=40&md5=cd7c2fee4693a86e125690e2925543ed
	Vlasenko, V.F.	A theorem on the summing of diluted series (1967) Mathematical Notes of the Academy of Sciences of the USSR, 2 (3), pp. 641-645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250501681&doi=10.1007%2FBF01094053&partnerID=40&md5=24cb64200f3c5ca4e1d0135ddcae2cf0
303	Yatsuk, K.P. , Shvelidze, R.R.	Polarization transformer in a circular waveguide with a spiral (1998) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 52 (9), pp. 29-32.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844611228&partnerID=40&md5=b93b5c5f92a1be5c3bff63c02df8239a
	Yatsuk, K.P. , Shvelidze, R.R.	Radiative characteristics of the TM01 mode from a circular waveguide with a spiral (1997) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 51 (1), pp. 100-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031294167&partnerID=40&md5=92c9d030af6343d898952d62e5a76c08
	Ivanova, N.E., Pchel'nikov, Yu.N., Yatsuk, K.P.	Electrodynamic properties of plane logarithmic helices in three-layer dielectric (1993) Radiotekhnika i Elektronika, 38 (11), pp. 2010-2013.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027698136&partnerID=40&md5=88e3ba609736259db13c76086f275139
	Boiko, S.N., Yatsuk, K.P.	Plane logarithmic spiral with peripheral excitation (1990) Radiophysics and Quantum Electronics, 33 (1), pp. 65-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249957753&doi=10.1007%2FBF01037821&partnerID=40&md5=5ba776f34a793c73f944a8b695a42bd2
	Krivokhizha, V.P., Yatsuk, K.P.	The anisotropically conductive disk approximation in the problem of radiation of a plane finite spiral (symmetric wave regime) (1986) Radiophysics and Quantum Electronics, 29 (8), pp. 729-737.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022768656&doi=10.1007%2FBF01039488&partnerID=40&md5=ace6c1f5ad2f30db1f7889127452739
	Yatsuk, K.P. , Krivokhizha, V.P., Boiko, S.N.	CONTROLLING THE POLARIZATION OF THE RADIATION FROM A SYSTEM OF TWO COHERENTLY EXCITED PLANE LOGARITHMIC HELICES. (1982) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 36-37 (12), pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020223646&partnerID=40&md5=522bfc1018cc6d68bc64c7a4e5d07ae

	Yatsuk, K.P. , Krivokhizha, V.P., Selenina, O.F.	Designing and Testing the Radiation Characteristics of Screened Logarithmic Spiral Arrays.. [RASCHE I EKSPERIMENTAL'NYE ISSLEDOVANIYA KHARAKTERISTIK IZLUCHENIYA SISTEMY SVYAZANNYKH LOGARIFMICHESKIKH SPIRALEI S EKONOMOM.] (1978) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 21 (8), pp. 3-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017997362&partnerID=40&md5=5ef534b7513d80530a32756cd1d173b1b
	Molyavko, V.I., Kurbatov, A.L., Yatsuk, K.P.	INTERACTION BETWEEN A RADIALLY DIVERGENT ELECTRON BEAM AND A SLOW ELECTROMAGNETIC WAVE. (1971) Radio Eng Electron Phys, 16 (8), pp. 1330-1335.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015110611&partnerID=40&md5=f37d1e7cf594791c96c322fbc9463177
304	Zakhozhay, V.A.	Lifetimes of stars in the main sequence and the maximum mass of stars in the galactic disk (2013) Kinematics and Physics of Celestial Bodies, 29 (4), pp. 195-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883422661&doi=10.3103%2FIS0884591313040065&partnerID=40&md5=a1591e208fb8002a77e2e6abb260f832
	Zakhozhay, V.A. , Babenko, M.A.	Stars and substars nearest to the Sun: A study review (2013) Kinematics and Physics of Celestial Bodies, 29 (3), pp. 141-156.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879904841&doi=10.3103%2FIS0884591313030045&partnerID=40&md5=0d6af8638763f5605342e0d38598d97
	Kuratov, K.S., Miroshnichenko, A.S., Zakhozhay, V.A.Z. , Gorshanov, D.L.	Simultaneous multicolour photometry of late-type giant stars (2013) Information Bulletin on Variable Stars, 61 (6076), 4 p.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020653151&partnerID=40&md5=782e7e962675aa53f181ad2e9ab8d11e
	Zakhozhay, V.A. , Zakhozhay, O.V., Vidmachenko, A.P.	Peculiarities of simulation of thin flat discs with central objects in accordance with their spatial location (2011) Kinematics and Physics of Celestial Bodies, 27 (3), pp. 140-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960017271&doi=10.3103%2FIS0884591311030068&partnerID=40&md5=66160970c3815c1713b6b88c5ad2499f
	Zakhozhay, V.A. , Gnedin, Y.N., Shakht, N.A.	Contributions of the Pulkovo and Kharkiv Scientific Schools to the search for exoplanets and low-mass dark satellites of stars (2010) Astrophysics, 53 (4), pp. 575-591.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650418622&doi=10.1007%2FIS10511-010-9151-8&partnerID=40&md5=ea9143a3246e8a3281c43e5dcd36d01
	Zakhozhay, V.A. , Zakhozhay, O.V.	Disks around the nearest stars and substars (2010) Kinematics and Physics of Celestial Bodies, 26 (1), pp. 1-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951854048&doi=10.3103%2FIS0884591310010010&partnerID=40&md5=d994783a3b8c8dcdcbcc449d54574b9d
	Zakhozhay, V.A.	Evidence of recent changes in the local Galactic IMF of stars and substars (2008) Astrophysics and Space Science, 315 (1-4), pp. 13-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49049108464&doi=10.1007%2FIS10509-008-9782-y&partnerID=40&md5=ea63b294aec168bf0fa9fb93465a1ee9
	Pisarenko, A.I., Yatsenko, A.A., Zakhozhay, V.A.	Evolution model for substellar objects (2007) Astronomy Reports, 51 (8), pp. 605-614.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547915195&doi=10.1134%2FIS106377290708001X&partnerID=40&md5=834e9de05da9178368006ed598eb0d3f
305	Blok, L.N., Krasnitskaia, A.A., Nikitin, V.N., Sazonova, E.A., Anokhina, G.A.	Effect of partial hepatectomy on in vitro protein synthesis and on the sedimentation properties of liver polysomes in rats of different ages [Vlianie chastichnoi gepatektomii na sintez belka in vitro i sedimentatsionnye svoistva polisom pecheni krys raznogo vozrasta.] (1978) Doklady Akademii nauk SSSR, 239 (3), pp. 729-731.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017925879&partnerID=40&md5=9450e8942a88042186d0ac1bd7eaf2e
	Blok, L.N., Krasnitskaya, A.A., Anokhina, G.A. , Nikitin, V.N.	Protein synthesis in a cell free system by microsomes and ribosomes of the liver of rats of different ages (1975) Doklady Biochemistry, 217 (1-6), pp. 340-342.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016692496&partnerID=40&md5=3865d0b23b476fa97a7d37dd2c81be27
	Blok, L.N., Belokon, N.S., Anokhina, G.A. , Nikitin, V.N.	The DNA dependent synthesis of RNA and protein in a cell free system in the presence of DNP from the livers of rats of different ages (1975) Journal of Evolutionary Biochemistry and Physiology, 10 (5), pp. 406-409.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016785558&partnerID=40&md5=e8298c38497d31fec612e1bde3b0cb6f
	Blok, L.N., Belokon, N.S., Anokhina, G.A. , Nikitin, V.N.	DNA dependent synthesis of RNA and protein in a cell free system in the presence of DNP from the liver of rats of different ages (Russian) (1974) Zhurnal Evolyutsionnoi Biokhimii i Fiziologii, 10 (5), pp. 446-449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016110010&partnerID=40&md5=cda03b8b33c4f9b2c1e158f7fe2c3e97
	Blok, L.N., Krasnitskaia, A.A., Anokhina, G.A. , Nikitin, V.N.	Protein synthesis in a cell-free system by liver microsomes and ribosomes from rats of different ages [Sintez belka v beskletочноi sisteme mikrosomami i ribosomami pecheni krys raznogo vozrasta] (1974) Doklady Akademii nauk SSSR, 217 (3), pp. 726-729.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016017817&partnerID=40&md5=bf35d4f038bb9efde13b4f36dc0426c5
	Blok, L.N., Rozenberg, V.D., Fel'dman, E.E., Anokhina, G.A.	RNA and protein synthesis in the presence of DNA and DNP of different origin in a DNA-directed cell-free system from Escherichia coli B extracts following bacteriophage T2 infection [Syntez RHK ta bilkiv za naivnosti DNK i DNP riznogo pokhodzhennia v DNK-kerovanii bezklytynnoi systemi z ekstraktiv Escherichia coli B pislia zarazhennia bakteriofahom T2.] (1973) Ukrain's'kyi biokhimichnyi zhurnal, 45 (2), pp. 136-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015597935&partnerID=40&md5=2468f0edb4529576bb7269f78e3ae945
	Blok, L.N., Kolodub, E.B., Nabutovskaia, L.M., Anokhina, G.A.	RNA and protein synthesis in a non-cellular bacterial system with addition of DNA and DNP of animals [Syntez RNK i bilkiv u bezklytynnoi bakterial'noi systemi za dodavannia DNK i DNP tvaryn.] (1970) Ukrain's'kyi biokhimichnyi zhurnal, 42 (6), pp. 718-722.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0014917243&partnerID=40&md5=61eb89a47ebab2f251f0f9408a7243f2
306	Hackl, E.V., Berest, V.P. , Gatash, S.V.	Interaction of polypeptide antibiotic gramicidin S with platelets (2012) Journal of Peptide Science, 18 (12), pp. 748-754.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869176038&doi=10.1002%2Fpsc.2461&partnerID=40&md5=892ffafdf1a8f4ea5437879a8e68b058
	Hackl, E.V., Berest, V.P. , Gatash, S.V.	Effect of cholesterol content on gramicidin S-induced hemolysis of erythrocytes (2012) International Journal of Peptide Research and Therapeutics, 18 (2), pp. 163-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860837008&doi=10.1007%2FIS10989-012-9289-9&partnerID=40&md5=53cd03aca7c7eca4232249c1031f19a9
	Berest, V. , Rutkowski, M., Rolka, K., Łęowska, A., Dębska, G., Stępkowski, D., Szewczyk, A.	The prion peptide forms ion channels in planar lipid bilayers (2003) Cellular and Molecular Biology Letters, 8 (2), pp. 353-362.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038266673&partnerID=40&md5=63e23a48f1953dd8800a4c3e43c8c116
	Dębska, G., Kicińska, A., Skalska, J., Berest, V. , Szewczyk, A.	Mitochondrial ion channels [Mitochondrialne kanaly jonowe.] (2002) Postpy higieny i medycyny doświadczalnej, 56 (3), pp. 315-321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036355551&partnerID=40&md5=5525df4d763f9bd362743722df0429c3
	Flis, K., Bednarczyk, P., Hordejuk, R., Szewczyk, A., Berest, V. , Dolowy, K., Edelman, A., Kurlandzka, A.	The Gef1 protein of Saccharomyces cerevisiae is associated with chloride channel activity (2002) Biochemical and Biophysical Research Communications, 294 (5), pp. 1144-1150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036296470&doi=10.1016%2FIS0006-291X%2802%2900610-1&partnerID=40&md5=ba117826679c3d1280464386f1916fd4
	Berest, Vladimir P. , Gatash, Sergiy V.	Conformational dynamic of fibrinogen by dielectric spectroscopy (1999) Proceedings of SPIE - The International Society for Optical Engineering, 4017, pp. 74-77.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033341221&partnerID=40&md5=e3c89e92aace618f82da353088e43eab
	Berest, V.P. , Hatash, S.V.	The dependence of thrombocyte aggregation on temperature [Zalezhnist' ahrehtsif trombotsytiv vid temperatury.] (1998) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 44 (5-6), pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032239415&partnerID=40&md5=9b0f213730fd8a8fc13537474f8b1c8d
307	Bezlepkin, A.A. , Kuntsevich, S.P., Kostyukov, V.I.	Orientalional and relaxation features of the dynamic magnetic susceptibility of PbFe12O19 upon transition from the magnetically ordered to paramagnetic state (2015) Physics of the Solid State, 57 (11), pp. 2213-2216.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946140778&doi=10.1134%2FIS1063783415110086&partnerID=40&md5=035f053711d3c3ba22d5d815b42cabe1
	Bezlepkin, A.A. , Kuntsevich, S.P.	Resonance features of the dynamic magnetic susceptibility in hexaferrite BaFe12O19 upon the transition from the magnetically ordered state to the paramagnetic state (2012) Physics of the Solid State, 54 (12), pp. 2387-2390.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870839764&doi=10.1134%2FIS1063783412120062&partnerID=40&md5=e6ce3f3f9576a4478dc820347f09875e
	Bezlepkin, A.A. , Kuntsevich, S.P.	Low-temperature deviations from Bloch's law in BaFe12O19 hexaferrite (2005) Low Temperature Physics, 31 (3), pp. 283-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544471843&doi=10.1063%2F1.1884431&partnerID=40&md5=0a18469cf367a10226471d2e40375693
	Bezlepkin, A.A. , Kuntsevich, S.P.	Low-temperature deviations from the Bloch law in BaFe12O19 hexaferrite (2005) Fizika Nizkikh Temperatur (Kharkov), 31 (3-4), pp. 374-376.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-15544384108&partnerID=40&md5=289d3a74836d10e0a78bbc993f9d8a89

	Bezlepkin, A.A. , Kuntsevich, S.P.	Changes in Local Magnetic Fields on 57Fe Nuclei in BaFe 12O19 with Temperature Variations (2003) Physics of the Solid State, 45 (11), pp. 2152-2154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344287250&doi=10.1134%2F1.1626754&partnerID=40&md5=9c517a7c69e266897dbdccc561254227
	Bezlepkin, A.A. , Kuntsevich, S.P.	Dipole contribution of Fe ³⁺ ions in 12k positions to the anisotropy energy constant of the BaFe12O19 hexaferrite (2001) Physics of the Solid State, 43 (7), pp. 1260-1262.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035536681&doi=10.1134%2F1.1386461&partnerID=40&md5=b680a4b3af36db4a56dc55bb3e8f21
	Bezlepkin, A.A. , Kuntsevich, S.P., Kostyukov, V.I.	Magnetic relaxation of oscillating domain walls in PbFe12O19 (1997) Physics of the Solid State, 39 (1), pp. 99-100.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031538144&partnerID=40&md5=d86f140e1d50feaa994e0f554101156d
308	Starodub, V., Kravchenko, A., Bondarenko, V. , Kazachkov, A.	The organic metals based on a new hydrogen-free fulvalene-C 6S12 (2005) Molecular Crystals and Liquid Crystals, 427, pp. 263/575-270/582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27944440013&doi=10.1080%2F15421400590892343&partnerID=40&md5=6f7df5c4a2c743ad687ecac759a54cde
	Fedyunyaeva, I.A., Yushko, E.G., Bondarenko, V.E.	Synthesis and studies of 1, 3, 5-triarylpyrazole azolyl derivatives (1996) Khimiya Geterotsiklicheskikh Soedinenii, (3), pp. 333-337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20544456596&partnerID=40&md5=5b42ade016247615b966306171c80afe
	Fedyunyaeva, I.A., Yushko, E.G., Bondarenko, V.E.	Synthesis and investigations in the series of azolyl derivatives of 1,3,5-triarylpyrazole (1996) Chemistry of Heterocyclic Compounds, 32 (3), pp. 285-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25144524728&partnerID=40&md5=47d910ed0561d955314f176ce0f1b31f
	Shevchenko, E.A., Bondarenko, V.E. , Proshkina, V.V.	Organic luminophores with orange-red and red luminescence (1983) Chemistry of Heterocyclic Compounds, 19 (2), pp. 214-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250143312&doi=10.1007%2F005064398&partnerID=40&md5=b5b7ac4b673c043b54b399585e2fae11
	Bondarenko, V.E. , Pereyaslova, D.G., Krasovitskii, B.M.	Structures and optical properties of some organic luminophores 1,4-dipyrzolinylbenzene derivatives (1973) Journal of Applied Spectroscopy, 13 (3), pp. 1266-1268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250438959&doi=10.1007%2F00617065&partnerID=40&md5=e90e30b3fd75e3b78b42c29e2a42333
	Pereyaslova, D.G., Bondarenko, V.E. , Krasovitskii, B.M.	Synthesis and study of organic luminophors containing one or two pyrazoline rings (1971) Chemistry of Heterocyclic Compounds, 5 (1), pp. 90-92.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250445640&doi=10.1007%2F01031777&partnerID=40&md5=436b94b20ce126c6604de87268cd1fc
	Tsukerman, S.V., Nikitchenko, V.M., Maslennikova, V.P., Bondarenko, V.E. , Lavrushin, V.F.	Synthesis of unsaturated diketones and derivatives of Δ^2 -pyrazoline based on 1,4-diacetylbenzene (1971) Chemistry of Heterocyclic Compounds, 4 (6), pp. 794-796.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250461700&doi=10.1007%2F00486964&partnerID=40&md5=8384bc68a1bfef9a49f2e65763030d3e
309	Mysiura, I., Kalantaryan, O., Kononenko, S., Zhurenko, V., Chishkala, V. , Azarenkov, M.	Ukrainian amber luminescence induced by X-rays and ultraviolet radiation (2017) Journal of Luminescence, 188, pp. 319-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018402652&doi=10.1016%2Fj.jlumin.2017.04.045&partnerID=40&md5=967fb7af3be405ebba6bb844ce0cb0d
	Gevorkyan, E., Mechnik, V., Bondarenko, N., Vovk, R., Lytovchenko, S., Chishkala, V. , Melnik, O.	Peculiarities of obtaining diamond-(Fe-Cu-Ni-Sn) composite materials by hot pressing (2017) Functional Materials, 24 (1), pp. 31-45.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016435503&doi=10.15407%2Ffm24.01.031&partnerID=40&md5=06005fcb0cb6b5dcb6b90d00f137ce3a
	Mysiura, I., Kalantaryan, O., Kononenko, S., Zhurenko, V., Grigorenko, D., Chishkala, V. , Azarenkov, N., Avotin, S., Rohmanov, N.	Photo- and radioluminescence of poleskiy amber (2016) Functional Materials, 23 (4), pp. 582-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008189742&doi=10.15407%2Ffm23.04.404&partnerID=40&md5=f47da7ff4ae5b5a27cc10e22c1fb6905
	Sirota, V., Ivanisenko, V., Pavlenko, I., Gevorkyan, E., Chishkala, V. , Kovaleva, M.	Synthesis and consolidation of (Zr _{0.94} Y _{0.06})O _{1.88} nanopowders (2015) Ceramics International, 41 (4), pp. 5263-5269.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922596831&doi=10.1016%2Fj.ceramint.2014.11.068&partnerID=40&md5=663ff7c20531872193b14819f42a441b
	Gevorkyan, E., Melnik, O., Chishkala, V.	The obtaining of high-density specimens and analysis of mechanical strength characteristics of a composite based on ZrO ₂ -nanopowders (2014) Nanoscale Research Letters, 9 (1), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922676102&doi=10.1186%2F1556-276X-9-355&partnerID=40&md5=a03c6b02603e00c602d598662ba8a531
	Pavlenko, Yu.B., Nechiporenko, E.P., Chishkala, V.A. , Litovchenko, S.V.	Formation of eutectic silicide coatings on molybdenum (1994) Powder Metallurgy and Metal Ceramics, 32 (9-10), pp. 791-793.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249764689&doi=10.1007%2F005603188&partnerID=40&md5=e89fbd94f21930b8dcffa5bbcc2141d6
	Pavlenko, Yu.B., Nechiporenko, E.P., Chishkala, V.A. , Litovchenko, S.V.	Formation of eutectic silicide coating on molybdenum (1993) Poroshkovaya Metallurgiya, (9-10), pp. 48-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027668544&partnerID=40&md5=007374184c1ad79285ac67ff07a79d19
310	Fedorenko, Y.P., Tyrnov, O.F., Fedorenko, V.N. , Dorohov, V.N.	Model of traveling ionospheric disturbances (2013) Journal of Space Weather and Space Climate, 3, статья № A30, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894471325&doi=10.1051%2Fswsc%2F2013052&partnerID=40&md5=4478ee7df86cd95eadc589ebb898f6f
	Fedorenko, Y.P., Fedorenko, V.N. , Lysenko, V.N.	Parameters of the medium-scale traveling ionospheric disturbances model deduced from measurements (2011) Geomagnetism and Aeronomy, 51 (1), pp. 88-104.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951980793&doi=10.1134%2F0016793210061015&partnerID=40&md5=f13bfe822b92636023d2a517746e87b0
	Fedorenko, Y.P., Tyrnov, O.F., Fedorenko, V.N.	Parameters of traveling ionospheric disturbances estimated from satellite beacon observations in low-earth orbit (2010) Geomagnetism and Aeronomy, 50 (4), pp. 489-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955342869&doi=10.1134%2F0016793210040109&partnerID=40&md5=680cd8a80790ada2b175871242a01498
	Garmash, K.P., Gritchin, A.I., Martynenko, S.I., Podnos, V.A., Rozumenko, V.T., Tyrnov, O.F., Fedorenko, V.N. , Fedorenko, Yu.P., Tsybmal, A.M., Chernogor, L.F.	Space research in Kharkiv radiophysical observatory of V. N. Karazin National University (2009) КрбiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292824, pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949092693&partnerID=40&md5=182ef2b77d5e3339e4c54fa2836a1c8d
	Cailleau, S., Fedorenko, V. , Barnier, B., Blayo, E., Debreau, L.	Comparison of different numerical methods used to handle the open boundary of a regional ocean circulation model of the Bay of Biscay (2008) Ocean Modelling, 25 (1-2), pp. 1-16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-51049109007&doi=10.1016%2Fj.ocemod.2008.05.009&partnerID=40&md5=434b9c37a93640bc363be26a8b880777
	Pushin, V.F., Fedorenko, V.N. , Fedorenko, Yu.P., Tyrnov, O.F., Shagimuratov, I.I.	Space correction of global models of electron number density in the ionosphere by receiving at one site signals from low-orbit satellites (1999) Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 24 (4), pp. 375-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032764250&doi=10.1016%2F1464-1917%2F2899%2F00015-X&partnerID=40&md5=e4c3c8340c5efcab962ef0529880d2f
	Pushin, V.F., Fedorenko, V.N. , Fedorenko, Yu.P.	Methods of determining the maximum electron concentration of the F2 region of the ionosphere using satellite signals (1996) Cosmic Research, 34 (5), pp.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27144517181&partnerID=40&md5=6a128340482412c7f5657678f796fa
311	Azarenkov, N.A., Gapon, A.V.	Plasma expansion into gas (2017) Problems of Atomic Science and Technology, 107 (1), pp. 254-256.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016099317&partnerID=40&md5=437eff6ee2266d5100ce688d427488d9
	Azarenkov, N.A., Gapon, A.V. , Dudin, S.V.	Heuristic solution of Langmuir problem in arbitrary domain (2017) Ukrainian Journal of Physics, 62 (1), pp. 33-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011605015&doi=10.15407%2Fujp62.01.0033&partnerID=40&md5=5ec84cd6b13dd689f6913bbf81827d9a
	Denysenko, I.B., Gapon, A.V. , Azarenkov, N.A., Ostrikov, K.N., Yu, M.Y.	Parameters and equilibrium profiles for large-area surface-wave sustained plasmas (2002) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 65 (4), статья № 046419, pp. 046419/1-046419/11.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37649032458&doi=10.1103%2FPhysRevE.65.046419&partnerID=40&md5=c78060e73e3c11e4a13877dee23b479f
	Azarenkov, N.A., Denysenko, I.B., Gapon, A.V. , Johnston, T.W.	The radial structure of a plasma column sustained by a surface wave (2001) Physics of Plasmas, 8 (5 I), pp. 1467-1481.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035326310&doi=10.1063%2F1.1358310&partnerID=40&md5=594e385f144b4755e587fa8f694ac1d4
	Azarenkov, N.A., Gapon, A.V. , Denisenko, I.B., Smolyakov, A.I.	Influence of resonance energy absorption on the properties of gas discharge maintained by asymmetric surface waves (1999) Physica Scripta, 59 (4), pp. 298-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0007372994&partnerID=40&md5=816544f0110e9162ac2e1dc426d10af2
	Azarenkov, N.A., Gapon, A.V. , Denisenko, I.B.	Self-consistent modeling of high-frequency discharges sustained by azimuthally nonsymmetric surface waves (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2, pp. 691-693.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230592&partnerID=40&md5=7b6c14ae2d5af8bf921cd27cb8c8e36

	Azarenkov, N.A., Bizyukov, A.A., Gapon, A.V. , Denisenko, I.B.	Control of ion beams by surface ion-acoustic wave fields (1998) Technical Physics Letters, 24 (2), pp. 83-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032364699&partnerID=40&md5=f798a19b66913513a387fa567fda4ef
312	McHedlov-Petrosyan, N.O., Kamneva, N.N., Ōsawa, E., Marynin, A.I., Goga, S.T. , Tkachenko, V.V., Kryshchal, A.P.	Colloidal solution of 3 nm bucky diamond: Primary particles of detonation nanodiamond (2015) Springer Proceedings in Physics, 171, pp. 199-217.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950299082&doi=10.1007%2F978-3-319-20875-6_8&partnerID=40&md5=02eac8db9fcb297f7fb8197383e1d539
	Goga, S.T. , Mchedlov-Petrosyan, N.O., Glazkova, E.N., Lebed, A.V.	Thermodynamics of solubility and solvation of N-cetylpyridinium perchlorate and related compounds in water-propanol-2 system (2013) Journal of Molecular Liquids, 177, pp. 237-242.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870693051&doi=10.1016%2Fj.molliq.2012.11.004&partnerID=40&md5=059f3861d344f1810e38dd8c7bd4e0d4
	Goga, S.T. , Lebed, A.V., Mchedlov-Petrosyan, N.O.	Conductivity and dissociation constants of quaternary ammonium perchlorates and picrates in 4-methyl-pentan-2-one (2010) Journal of Chemical and Engineering Data, 55 (5), pp. 1887-1892.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952384274&doi=10.1021%2Fje900869&partnerID=40&md5=c02af69211b5c562806644d72497e16
	McHedlov-Petrosyan, N.O., Filatov, D.Yu., Goga, S.T. , Lebed, A.V.	Ionic equilibrium in mixtures of protophobic and protophilic polar non-hydrogen bond donor solvents: Acids, salts, and indicators in acetone containing 5 mol% DMSO (2010) Journal of Physical Organic Chemistry, 23 (5), pp. 418-430.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953111652&doi=10.1002%2Fjoc.1616&partnerID=40&md5=97591876ac019b724a4f70188216625c
	Goga, S.T. , Glazkova, E.N., Mchedlov-Petrosyan, N.O.	The thermodynamic characteristics of dissolution and solvation of cetyltrimethylammonium perchlorate in the water-propan-2-ol system (2008) Russian Journal of Physical Chemistry A, 82 (9), pp. 1451-1455.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249150243&doi=10.1134%2F50036024408090070&partnerID=40&md5=c52ebb5783a333dda3045d9fbadcfb4
	Mchedlov-Petrosyan, N.O., Isaenko, Yu.V., Goga, S.T.	Reichardt betaines as combined solvatochromic and acid-base indicators in microemulsions (2004) Russian Journal of General Chemistry, 74 (11), pp. 1741-1747.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644506162&doi=10.1007%2F11176-005-0093-5&partnerID=40&md5=97a3ec3c683e2c55978057489e7f00b
	Mchedlov-Petrosyan, N.O., Tychina, O.N., Kislyakova, N.V., Berezhnaya, T.A., Goga, S.T. , Lebed, A.V.	Potentiometric study of protolytic equilibria of triphenylmethane and xanthene compounds in a butanol-1-water mixture (9:1, w/w) (2004) Ukrainskij Khimicheskij Zhurnal, 70 (1-2), pp. 89-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542574070&partnerID=40&md5=b4fa521e150916f3b8ed2985da65d8c
313	Ol'khovik, L.P., Borisova, N.M., Golubenko, Z.V. , Sizova, Z.I., Kamzin, A.S.	Technology of ultrathin flaky particles of hexagonal ferrites for broad spectrum of applications (2010) Technical Physics Letters, 36 (8), pp. 756-758.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956294955&doi=10.1134%2F1506378510080237&partnerID=40&md5=b4cb1701dcfd43fb2b2083a3ad9499d0
	Ol'khovik, L.P., Khvorov, M.M., Borisova, N.M., Golubenko, Z.V. , Sizova, Z.I., Shurina, E.V.	The influence of interparticle interaction on magnetization curves of nano- and microcrystal ensembles (2003) Physics of the Solid State, 45 (4), pp. 675-680.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037736462&doi=10.1134%2F1.1569005&partnerID=40&md5=b1dddf6b81b4f0ff45c1bb436aa726
	Golubenko, Z.V. , Kamzin, A.S., Ol'khovik, L.P., Khvorov, M.M., Sizova, Z.I., Shabatin, V.P.	Stoner-Wohlfarth-type behavior of a close-packed array of high-anisotropy hexaferrite nanoparticles (2002) Physics of the Solid State, 44 (9), pp. 1698-1702.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036026192&doi=10.1134%2F1.1507250&partnerID=40&md5=9c681d816fc7ed6d5c7a43c07681e196
	Golubenko, Z.V. , Ol'khovik, L.P., Popkov, Yu.A., Sizova, Z.I., Kamzin, A.S.	Magnetic anisotropy of a system of nanocrystalline BaO · 6Fe ₂ O ₃ particles (1998) Physics of the Solid State, 40 (10), pp. 1718-1720.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032347567&partnerID=40&md5=4505a7814bad5df16d73e1946428f4b3
	Golubenko, Z.V. , Ol'khovik, L.P., Sizova, Z.I., Kamzin, A.S.	Study of the magnetic state of a highly dispersed BaO · 6Fe ₂ O ₃ system with near-critical particle size (1998) Physics of the Solid State, 40 (7), pp. 1178-1181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040598967&partnerID=40&md5=ee7a70aa286034d87cd04cb1da6a29f2
	Ol'khovik, L.P., Sizova, Z.I., Golubenko, Z.V. , Kuz'micheva, T.G.	Investigation of the critical (H-T)-parameters for the state of the BaO · 6Fe ₂ O ₃ nanocrystal system (1998) Journal of Magnetism and Magnetic Materials, 183 (1-2), pp. 181-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032025810&partnerID=40&md5=7afb97a08affa7e4258f8e9b843a2366
	Borisova, N.M., Golubenko, Z.V. , Kuz'micheva, T.G., Ol'khovik, L.P., Shabatin, V.P.	Optimization principles for preparation methods and properties of fine ferrite materials (1992) Journal of Magnetism and Magnetic Materials, 114 (3), pp. 317-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027109229&doi=10.1016%2F0304-8853%2892%2990274-R&partnerID=40&md5=62f310403744442b3f662cf3220702b8
314	Miroshnik, L.V., Korovnikova, N.I. , Aleksandrov, A.V., Dubyna, A.M.	The influence of cellulose complexite swelling on its protolytic properties in aqueous-organic mixtures (2008) Russian Journal of Physical Chemistry A, 82 (9), pp. 1484-1489.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249142366&doi=10.1134%2F50036024408090148&partnerID=40&md5=c6dcbfd2d0f345d9470cc0a0c4524dd8
	Miroshnik, L.V., Korovnikova, N.I. , Shabadash, Yu.V.	Stability of copper(II) complexes with cellulose complexite in water-dioxane mixtures (2006) Russian Journal of Inorganic Chemistry, 51 (4), pp. 649-655.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746928244&doi=10.1134%2F50036023606040255&partnerID=40&md5=693071cec3ad2d5b4e38edc27442d308
	Miroshnik, L.V., Korovnikova, N.I.	The effect of background electrolyte on the physicochemical properties of a complex-forming cellulose fiber in water-dioxane mixtures (2002) Russian Journal of Inorganic Chemistry, 47 (8), pp. 1255-1261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8744242058&partnerID=40&md5=f9dc1dec68fb6f7bd18995e1ff157247
	Miroshnik, L.V., Korovnikova, N.I.	The effect of background electrolyte on the physicochemical properties of a complex-forming cellulose fiber in water-dioxane mixtures (2002) Zhurnal Neorganicheskoy Khimii, 47 (8), pp. 1378-1385.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036414982&partnerID=40&md5=abfb2da75de10f6cfcb2307f3d711acf
	Miroshnik, L.V., Korovnikova, N.I.	Solvent composition and temperature effects on the acid properties of a cellulose complexite (2000) Russian Journal of Physical Chemistry A, 74 (9), pp. 1453-1456.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034337743&partnerID=40&md5=c97e8d50f4c3b1b48e875a8de02ccc7
	Miroshnik, L.V., Korovnikova, N.I.	Ion-exchange, solvation, and acid properties of complexing polyacrylonitrile fiber in water-dioxane mixtures (2000) Russian Journal of Applied Chemistry, 73 (1), pp. 44-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033807716&partnerID=40&md5=3b1cbff60f6df5b6c6e771825d592dd3
	Miroshnik, L.V., Korovnikova, N.I.	Solvent composition and temperature effects on the acid properties of a cellulose complexite (2000) Zhurnal Fizicheskoi Khimii, 74 (9), pp. 1609-1612.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033809597&partnerID=40&md5=9ebcd421abc23cca1df38a21d132bad8
315	Lebedev, V.P., Krylovskii, V.S. , Lebedev, S.V., Savich, S.V.	Low-amplitude jump-like deformation of Pb-In alloys in the superconducting state (2008) Low Temperature Physics, 34 (3), pp. 234-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149154795&doi=10.1063%2F1.2889412&partnerID=40&md5=1a1045e11bdc34f38616a68ce2f834e2
	Lebedev, V.P., Krylovskii, V.S. , Lebedev, S.V., Savich, S.V.	Low-temperature instability of the plastic deformation of aluminum (2007) Physics of the Solid State, 49 (11), pp. 2091-2098.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36348952589&doi=10.1134%2F15063783407110133&partnerID=40&md5=a97dfc4ed94976b6a3b8773fe5926e95
	Lebedev, V.P., Krylovskii, V.S. , Simoes, V.M.P.	The influence of cyclic change of normal and superconducting states on deformation of Pb-In alloys (1997) Fizika Nizkikh Temperatur (Kharkov), 23 (10), p. 1130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244339111&partnerID=40&md5=2a7f81b452112ba131133577cf0ab3a
	Lebedev, V.P., Krylovskii, V.S. , Pinto Simoes, V.M.	Influence of cyclic change of normal and superconducting states on the deformation of Pb-In alloys (1997) Low Temperature Physics, 23 (10), pp. 848-850.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644441558&partnerID=40&md5=a5d00f0ce900b6312da05477eba810a
	Krokhin, A.A., Gumen, L.N., Lebedev, V.P., Krylovskii, V.S.	Electron dislocation drag in thin metal samples (1993) Philosophical Magazine B: Physics of Condensed Matter; Statistical Mechanics, Electronic, Optical and Magnetic Properties, 68 (3), pp. 381-388.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039350134&doi=10.1080%2F13642819308215293&partnerID=40&md5=9eeb38fe5bed5065e5a9a537469f161
	Khotkevich, V.I., Lebedev, V.P., Krylovskii, V.S. , Philips, A.H.	STRUCTURAL CONDITIONS IN ALUMINUM AFTER PLASTIC DEFORMATION AT A LOW TEMPERATURE. (1982) Physics of Metals (English Translation of Metallofizika), 3 (6), pp. 1087-1099.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020277615&partnerID=40&md5=966cfe39389bf4fd2e3c938fdacc4af
	Krylovskii, V.S. , Ovcharenko, V.I., Khotkevich, V.I.	Specific heat of Teflon-40 and BF-2 glue in the 10-300°K temperature range (1974) Journal of Engineering Physics, 22 (4), pp. 450-451.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250417826&doi=10.1007%2FBF00829436&partnerID=40&md5=f349c09ed165452a224022cb90bb730
316	Lebed', V.I. , Mchedlov-Petrosyan, N.O., Kholin, Yu.V.	Russian Journal of Physical Chemistry: Preface (2008) Russian Journal of Physical Chemistry A, 82 (9), p. 1427.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50949118471&doi=10.1134%2F5003602440809001X&partnerID=40&md5=e0c73930b1996e2de4fd2410da544d0d
	Glazkova, E.N., Izmailova, G.A., Lebed', V.I. , Eddin, F.S.	Viscometric and densitometric study of the acetic acid-water-1,4-dioxane system in the temperature range 288.15-328.15 K (1998) Russian Journal of Applied Chemistry, 71 (7), pp. 1126-1130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-12344302336&partnerID=40&md5=860ce747439047c63f3d3ac787250199

	Glazkova, E.N., Izmailova, G.A., Lebed', V.I. , Rubtsov, V.I.	Viscous flow activation parameters in the acetic acid-water-1,4-dioxane system (1997) Zhurnal Fizicheskoi Khimii, 71 (4), pp. 616-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749586503&partnerID=40&md5=6acd0d1c68b2a1b0f87b1651ecb5681b
	Glazkova, E.N., Izmailova, G.A., Lebed', V.I. , Rubtsov, V.I.	Viscous flow activation parameters in the acetic acid-water-1,4-dioxane system (1997) Russian Journal of Physical Chemistry A, 71 (4), pp. 535-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031476286&partnerID=40&md5=ff40ef0c4616784ccc774ee058320840
	Lebed', V.I.	Dissociation of carboxylic acids in water-organic solvents at various temperatures (1996) Chemical Physics Reports, 15 (11), pp. 1699-1714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444227438&partnerID=40&md5=17aac316b169c6a5cb4df92b8e55a640
	Larina, T.V., Kern, A.P., Lebed', V.I.	The thermochemistry and physicochemical properties of ester solutions in water-dioxane and water-2-propanol mixtures (1996) Russian Journal of Physical Chemistry A, 70 (12), pp. 2007-2012.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030371862&partnerID=40&md5=56c8755c1a36ad4463f0f1341855313
	Larina, T.V., Kern, A.P., Lebed', V.I.	Physical chemistry of solutions: The thermochemistry and physicochemical properties of ester solutions in water-dioxane and water-2-propanol mixtures (1996) Zhurnal Fizicheskoi Khimii, 70 (12), pp. 2171-2176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0011276640&partnerID=40&md5=b1c44ba094a0569a25637dcdaf8209e7
317	Martynenko, S.A.	Energy characteristics of the double slot in the narrow wall of a rectangular waveguide (2005) Radioelectronics and Communications Systems, 48 (8), pp. 18-23.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746850593&partnerID=40&md5=4b709492de8e2eaf6b21e959c05756f1
	Katrich, V.A., Martynenko, S.A.	Antenna array with coupled slots in a narrow wall of a rectangular waveguide (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 1, статья № 1564944, pp. 366-367.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846284203&doi=10.1109%2FCRMICO.2005.1564944&partnerID=40&md5=3b975cee34e1128a6091132bc1ad66ee
	Martynenko, S.A.	Coupled slot in a narrow wall of a rectangular waveguide (2004) 2004 4th International Crimean Conference: Microwave and Telecommunication Technology - Conference Proceedings, CriMiCo'04, статья № 4.31, pp. 379-380.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644378512&partnerID=40&md5=e58a6ed4ad3f3207eb58e1bee0299d3a
	Katrich, V.A., Martynenko, S.A. , Pshenichnaya, S.V.	Slotted-guide array with inclined slots in a narrow wall of a rectangular waveguide (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, статья № 1256560, pp. 406-407.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945121344&doi=10.1109%2FCRMICO.2003.158875&partnerID=40&md5=205264b2a2d72a04d52e83af4e898464
	Katrich, V.A., Martynenko, S.A. , Pshenichnaya, S.V.	Leaky-wave antenna with inclined slots in a waveguide (2003) 4th International Conference on Antenna Theory and Techniques, ICATT 2003, 1, статья № 1239205, pp. 276-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946132108&doi=10.1109%2FICATT.2003.1239205&partnerID=40&md5=ccd4581d9884c1c3cd63880267619ac6
	Katrich, V.A., Martynenko, S.A. , Yatsuk, L.P.	Inclined slot in the narrow wall of rectangular waveguide (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 57 (8-9), pp. 33-39.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751253493&partnerID=40&md5=923808fbb21d6e53502bfb6e845868ac
	Katrich, V.A., Martynenko, S.A. , Pshenichnaya, S.V., Yatsuk, L.P.	Power performance of an inclined slots system in a narrow wall of a rectangular waveguide (2002) CriMiCo 2002 - 12th International Conference "Microwave and Telecommunication Technology", Conference Proceedings, статья № 1137270, pp. 355-356.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84968756492&doi=10.1109%2FCRMICO.2002.1137270&partnerID=40&md5=ed788bd366ecc78308c846f2f7c3aa4
318	Mikhailenko, V.S. , Chibisov, D.V.	Shear-flow-driven ion cyclotron and ion sound-drift instabilities of cylindrical inhomogeneous plasma (2007) Physics of Plasmas, 14 (8), статья № 082109, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548413276&doi=10.1063%2F1.2768516&partnerID=40&md5=e873e16332d5ada5b4bd3b2fd3fc20aa
	Mikhailenko, V.S.	Response to "comment on 'Kinetic theory of the stability of the inhomogeneous plasmas with transverse inhomogeneous electric field' " [Phys. Plasmas 13, 104703 (2006)] (2006) Physics of Plasmas, 13 (10), статья № 104704, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750531477&doi=10.1063%2F1.2358976&partnerID=40&md5=1215ec7e9f7a6c6ec67707ef5177ba07
	Mikhailenko, V.S. , Chibisov, D.V., Mikhailenko, V.V.	Shear-flow-driven ion cyclotron instabilities of magnetic field-aligned flow of inhomogeneous plasma (2006) Physics of Plasmas, 13 (10), статья № 102105, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750528991&doi=10.1063%2F1.2354021&partnerID=40&md5=c87f4d217395fa2714e53d192a70089d
	Mikhailenko, V.S. , Mikhailenko, V.V.	Kinetic theory of the stability of the inhomogeneous plasmas with transverse inhomogeneous electric field (2006) Physics of Plasmas, 13 (1), статья № 012108, pp. 1-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3164444379&doi=10.1063%2F1.2163336&partnerID=40&md5=6cacc727c00b6193d0839bcfb3d37cb1
	Mikhailenko, V.S. , Scime, E.E., Mikhailenko, V.V.	Stability of stratified flow with inhomogeneous shear (2005) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 71 (2), статья № 026306, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37649030763&doi=10.1103%2FPhysRevE.71.026306&partnerID=40&md5=43be2dddec9742da71590b848e7a0fa52
	Mikhailenko, V.S. , Mikhailenko, V.V., Heyn, M.F., Mahajan, S.M.	Temporal evolution of drift Alfvén waves and instabilities in an inhomogeneous plasma with homogeneous shear flow (2002) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 66 (6), статья № 066409, pp. 066409/1-066409/12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41349106735&doi=10.1103%2FPhysRevE.66.066409&partnerID=40&md5=4a6112dcc66cf63aa974543906c3390f
	Akhiezer, A.I., Mikhailenko, V.S. , Stepanov, K.N.	Ion-sound parametric turbulence and anomalous electron heating with application to helicon plasma sources (1998) Physics Letters, Section A: General, Atomic and Solid State Physics, 245 (1-2), pp. 117-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042284280&partnerID=40&md5=8dc25a5920d0fb799597a32de7fb8449
319	Kryshtal, A.P., Minenkov, A.A. , Ferreira, P.J.	Interfacial kinetics in nanosized Au/Ge films: An in situ TEM study (2017) Applied Surface Science, 409, pp. 343-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015671363&doi=10.1016%2Fj.apsusc.2017.03.037&partnerID=40&md5=5837902a61799e9b151150845e45abb8
	Kryshtal, A.P., Minenkov, A.A. , Dzhus, S.S.	Morphology of islet systems formed during melting of continuous Bi films on Ge and SiO2 substrates (2015) Journal of Nano- and Electronic Physics, 7 (1), статья № 01024, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927127043&partnerID=40&md5=831b91054195bd25988f2f5f03ee0a
	Kryshtal, A.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, A.A.	The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system (2014) Applied Physics A: Materials Science and Processing, 116 (4), pp. 1891-1896.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906313642&doi=10.1007%2Fs00339-014-8349-8&partnerID=40&md5=a1518646ee6eb67c36d903fbb1d82150
	Minenkov, A.A. , Bogatyrenko, S.I., Sukhov, R.V., Kryshtal, A.P.	Size dependence of the activation energy of diffusion in multilayer Cu-Ni films (2014) Physics of the Solid State, 56 (4), pp. 823-826.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898948643&doi=10.1134%2FS1063783414040210&partnerID=40&md5=3da5b831c8b002f242c11e7a72ea6569
	Minenkov, A.A. , Bogatyrenko, S.I., Kryshtal, A.P.	Determination of solid state solubility of the components in the Ag-Ge film system (2014) Journal of Nano- and Electronic Physics, 6 (4), статья № 04026, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919459042&partnerID=40&md5=99d76cbf5e6ab195c2a1fc84099f28d9
	Kryshtal, O.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, O.O. , Taliashvili, A.I.	In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system (2014) Metallofizika i Noveishie Tekhnologii, 36 (1), pp. 31-38.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904798608&partnerID=40&md5=75a33ef2fa58e16ce3af6d71ad49e305
	Kryshtal, A.P., Sukhov, R.V., Minenkov, A.A.	Critical thickness of contact melting in the Au/Ge layered film system (2012) Journal of Alloys and Compounds, 512 (1), pp. 311-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8055522799&doi=10.1016%2Fj.jallcom.2011.09.086&partnerID=40&md5=28673060ee19fa012020b4bc08950b3d
320	Levchenko, A.N., Ovsyannikova, T.N. , Zabelina, I.A., Kovalenko, A.A., Gurin, O.V., Gladkih, A.I.	Effect of low intensity laser radiation of different wavelength on erythrocytes at experimental type 2 diabetes mellitus (2017) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 7851407, pp. 146-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015268157&doi=10.1109%2FCAOL.2016.7851407&partnerID=40&md5=e515299669cf3159b34467cb1af56e9d
	Ovsyannikova, T.N. , Zabelina, I.A., Levchenko, A.N., Rybka, T.A., Svitch, V.A., Tovstyak, V.V.	Effect of low intensity laser irradiation on rat liver mitochondria (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671945, pp. 381-383.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849096302&doi=10.1109%2FCAOL.2008.4671945&partnerID=40&md5=336de9389422114f53d5154e2ad75205
	Zabelina, I.A., Ovsyannikova, T.N. , Levchenko, A.N., Shevchenko, Y.A., Burkina, V.S., Tovstyak, V.V., Svitch, V.A.	Influence of low intensity laser irradiation on erythrocytes (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671995, pp. 387-389.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849093692&doi=10.1109%2FCAOL.2008.4671995&partnerID=40&md5=f790c05e8f04c3168097b54f13eb68a9

	Ovsyannikova, T.N., Zabelina, I.A., Levchenko, A.N.	Influence of low intensity laser radiation on functions of mitochondria in rats' LIVER (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, статья № 4018312, pp. 470-472.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250796353&doi=10.1109%2FIFNM.2006.2520938&partnerID=40&md5=aca1a99f5dbaf32c6f3d61fe08fc5f
	Rom-Boguslavskaya, E.S., Somova, E.V., Ovsyannikova, T.N., Dyageleva, E.A., Karachentsev, Yu.I., Asaula, V.A.	Lipoperoxidation in thyroid tissue in people with diffuse toxic goiter (1997) Ukrain'skyi Biokhimichnyi Zhurnal, 69 (4), pp. 113-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0347108046&partnerID=40&md5=832fbeecc6c3de86c46452b7a4ae87b75
	Rom-Boguslavskaya, E.S., Somova, E.V., Ovsyannikova, T.N., Dyageleva, E.A., Karachentsev, I.I., Asaula, V.A.	Lipid peroxidation in thyroid tissue of people with diffuse toxic goiter [Peroksidnoe okislennie lipidov v tkani schitovidnoi zhelezy ludei, bol'nykh diffuznym toksicheskim zobom.] (1997) Ukrainskii biokhimicheskii zhurnal, 69 (4), pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031175135&partnerID=40&md5=fa7f26b11fba09c244749f593123e3e
	Malaya, L.T., Kobets, G.P., Kopytina, R.A., Cherkesov, V.P., Kamkov, V.P., Danilik, V.M., Fufaeva, I.G., Ovsyannikova, T.N.	Improvement of the medical aid to the miners suffering from the ischemic heart disease (1992) Meditsina Truda i Promyshlennaya Ekologiya, (5), pp. 42-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026860362&partnerID=40&md5=f5b1cc8f869377380369d47b9621b9d1
321	Kalugin, O.N., Panchenko, V.G., Dolgareva, A.P., Nikolaichuk, A.G., V'yunnik, I.N.	Electrical conductivity and ionic association of lithium and sodium perchlorates in tetrahydrofuran (2008) Russian Journal of Physical Chemistry A, 82 (9), pp. 1480-1483.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249108389&doi=10.1134%2F50036024408090136&partnerID=40&md5=ade1db6f19a7ce2c45440b2d696455b
	Kalugin, O.N., Panchenko, V.G., V'yunnik, I.N.	A conductometric study of ionic association and interparticle interactions in solutions of 1-1 electrolytes in ethyl acetate at 5-45°C (2005) Russian Journal of Physical Chemistry A, 79 (4), pp. 629-634.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1994436551&partnerID=40&md5=d50318cf5564937e6e70fd3a3899df3
	Kalugin, O.N., Panchenko, V.G.	An interpretation of the concentration dependence of the electric conductance for solutions with a low permittivity taking into account the formation of ion pairs and triple ions (2003) Russian Journal of Physical Chemistry A, 77 (8), pp. 1310-1314.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141852072&partnerID=40&md5=8f78ae90b95e2b170822cc6183364a8c
	Kalugin, O.N., Panchenko, V.G.	An interpretation of the concentration dependence of the electric conductance for solutions with a low permittivity (2003) Zhurnal Fizicheskoi Khimii, 77 (8), pp. 1463-1468.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141783562&partnerID=40&md5=8f5ea62887f9c9c7d97f3f6890fee05c
	V'yunnik, I.N., Kalugin, O.N., Panchenko, V.G.	Physicochemical properties and intermolecular interactions in the butan-1-ol-n-octane binary solvent in the temperature range 298.15-368.15 K (1999) Russian Journal of General Chemistry, 69 (2), pp. 209-213.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033243482&partnerID=40&md5=38aebf80c737a283c0582c49c6fd4193
	Kalugin, O.N., Panchenko, V.G., V'yunnik, I.N.	Electric Conductivity and Interionic Non-Coulomb Potentials of 1:1 Electrolytes in Acetone: Temperature Effects (1997) Russian Journal of General Chemistry, 67 (9), pp. 1367-1375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031330828&partnerID=40&md5=aa9b4f203a2396736b89631f632c0970
	Viyunnik, A.N., Gubsky, S.M., Kalugin, O.N., Panchenko, V.G., Zholnovach, A.M.	Effect of temperature on the association of lithium and sodium perchlorates in acetonitrile (1991) Ukrainskii Khimicheskii Zhurnal, 57 (12), pp. 1259-1263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026406561&partnerID=40&md5=8e1afe5dfcd5d4dcdf3efc8739003b7a
322	Panov, M.I., Shmatko, A.A.	Extraordinary transmission: From rows of holes to slits filled with the drude-like metamaterial (2014) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73 (6), pp. 499-510.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900392685&doi=10.1615%2FTelecomRadEng.v73.i6.30&partnerID=40&md5=01a18e1177ab1ae2c437a38ef1f66ab3
	Panov, M.I., Shmat'ko, A.A., Odarenko, E.N.	Resonant phenomena in a periodic array of slits filled with a metamaterial (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652986, pp. 628-629.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891059385&partnerID=40&md5=ef3a4d53dfce01b30701f80e63a78c5
	Panov, M.I., Shmat'ko, A.A.	Nature of extraordinary transmission through a metal grating at frequencies closed to the Rayleigh-Wood anomaly (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657599, pp. 257-259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893760508&doi=10.1109%2FCAOL.2013.6657599&partnerID=40&md5=09bd2ee6fe4e93d2fef43eb6118495ba
	Panov, M.I., Shmat'ko, A.A.	Nature of extraordinary transmission through a metal screen slit filled with a metamaterial (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650703, pp. 137-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898659327&doi=10.1109%2FICATT.2013.6650703&partnerID=40&md5=eb68d1be7f10c2937685fc4e5d9f352e
	Xu, F., Shmat'ko, A.A., Panov, M.I., He, S.	Antenna array with a given fractal distribution of current (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379783, pp. 212-214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872239865&doi=10.1109%2FUWBUSIS.2012.6379783&partnerID=40&md5=c5f337d8b352443b077f93b5c49872a4
	Fei, X., Panov, M.I., Shmat'ko, A.A.	Diffraction of TEM-wave by array of two slots in a plate-parallel waveguide wall (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6336067, pp. 493-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869807458&partnerID=40&md5=596a6241935183e58ce2e978909cd70a
	Panov, M.I., Shmatko, A.A.	Numerically-analytical method of the diffraction problems solution of a H-wave on the slot in a thick waveguide wall (2011) CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, статья № 6069056, pp. 563-564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81455143472&partnerID=40&md5=b6d9a84e37253a47936946775e0e82c9
323	Barrett, M., Arcuri, L., Bennett, M., Berti, A.E., Bombi, A.S., Castelli, L., de Rosa, A., del Valle, A., Garagozov, R., de la Peña, A.G., Kacharava, T., Kipiani, G., Lyons, E., Pavlenko, V., Perera, S., Reizabal, L., Riazanova, T., Sani, F., Valencia, J., Vila, I.	Children's knowledge, beliefs and feelings about the people who belong to different national and state groups (2013) Children's Knowledge, Beliefs and Feelings About Nations and National Groups, pp. 129-194.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84917448009&doi=10.4324%2F9780203493618&partnerID=40&md5=e2271bc1820d1b8c1789de8402c9569a
	Panok, V., Pavlenko, V., Korallo, L.	Psychology in the Ukraine (2006) Psychologist, 19 (12), pp. 730-732.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845650129&partnerID=40&md5=00403bc7b7b8464b27cdaa66b1daa9e6
	Bennett, M., Barrett, M., Karakozov, R., Kipiani, G., Lyons, E., Pavlenko, V., Riazanova, T.	Young Children's Evaluations of the Ingroup and of Outgroups: A Multi-National Study (2004) Social Development, 13 (1), pp. 124-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1142290835&doi=10.1046%2Fj.1467-9507.2004.00260.x&partnerID=40&md5=d71710f4d77abc0f43ff05a25a228ccd
	Pavlenko, V.N., Vanner, K.	Peculiarities of Baptist psychology (2004) Voprosy Psichologii, (5), pp. 72-86+157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10044255256&partnerID=40&md5=850b55f1147adc18c97045720c1617ea
	Pavlenko, V.N., Kryazch, I.V., Barret, M.	Ethnic and national identifications and representations in Ukrainian children and adolescents (2002) Psikhologicheskii Zhurnal, 23 (5), pp. 60-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036398781&partnerID=40&md5=0f3bcb50d51579bba0fa2bd3dd7b78
	Pavlenko, V.N.	Ideas on correlation of social and personality identity in modern western psychology (2000) Voprosy Psichologii, (1), pp. 140-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751127605&partnerID=40&md5=3a402b116d7b88b36c0f48311fa35bc3
	Pavlenko, V.N., Korzh, N.N.	Transformation of social identity in posttotalitarian society (1998) Psikhologicheskii Zhurnal, 19 (1), pp. 75-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750887059&partnerID=40&md5=4223089af1c20125134166a4acb19649
324	Polchaninova, N., Tsurikov, M., Atemasov, A.	Effect of summer fire on cursorial spider (Aranei) and beetle (Coleoptera) assemblages in meadow steppes of Central European Russia (2016) Hacquetia, 15 (2), pp. 113-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983370792&doi=10.1515%2Fhacq-2016-0019&partnerID=40&md5=38f1f633bee175d9134c0c082439d9
	Polchaninova, N., Savchenko, G., Drogvalenko, A., Ronkin, V., Shabanov, D.	The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine (2016) Agriculture, Ecosystems and Environment, 234, pp. 65-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969285699&doi=10.1016%2Fj.agee.2016.04.031&partnerID=40&md5=e8de430235d24d819e56b7ccb5c2676

	Kastrygina, Z.A., Kovblyuk, M.M., Polchaninova, N.Yu.	A new species of the genus Pulchellodromus Wunderlich, 2012 (Aranei: Philodromidae) from Spain (2016) Arthropoda Selecta, 25 (3), pp. 293-296.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000607475&partnerID=40&md5=d95eeac2c8d264da91aff0ea80fcb95
	Polchaninova, N.	Recovery of Spider Communities After a Spontaneous Summer Fire in the Forb-Bunchgrass Steppe of Eastern Ukraine (2015) Hacquetia, 14 (1), pp. 79-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940843074&doi=10.1515%2Fhacq-2015-0015&partnerID=40&md5=60a54ee49aee5753c8709d7d85ec19e
	Evtushenko, K.V., Polchaninova, N.Y. , Eshunin, S.L.	Distribution of the Spider Zelotes Azshaganovae (Aranei, Gnaphosidae) on the East European Plain (2015) Vestnik Zoologii, 49 (4), pp. 305-310.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940747116&doi=10.1515%2Fzoo-2015-0032&partnerID=40&md5=db6257e4442c3fcdcf756ad9827a3085
	Polchaninova, N.Y. , Prokopenko, E.V.	Catalogue of the spiders (Arachnida, Aranei) of Left-Bank Ukraine (2014) Arthropoda Selecta, 23, pp. 1-268.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920018087&partnerID=40&md5=cd1cfed9817b0bf3a1d8698a0a4438fb
	Polchaninova, N.Y.	Assemblages of herb-dwelling spiders (Araneae) of various steppe types in Ukraine and the Central Chernozem region of Russia (2012) Arachnologische Mitteilungen, (43), pp. 66-78.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883750615&doi=10.5431%2Faramit4312&partnerID=40&md5=4d128e3926945733897d5bead46e93b
325	Beletsky, N.I., Polyansky, N.E. , Voronkin, E.F., Galkin, S.N., Rizhikov, V.D.	Detectors of ultra-violet radiation on basis of ZnSe schottky diodes (2007) MSMW'07 Symposium Proceedings - The 6th International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves and Workshop on Terahertz Technologies, 2, статья № 4294761, pp. 638-640.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249144787&doi=10.1109%2FMSMW.2007.4294761&partnerID=40&md5=08a104dc992224fedcc3014d3be67c3f
	Prokhorov, E.D., Dyadchenko, A.V., Mishnyov, A.A., Polyansky, N.E.	GaAs- oscillators of MM - Range with small levels of power consumption for engineering of nanostructures (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 2, статья № 1553923, pp. 78-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845501356&doi=10.1109%2FCAOL.2005.1553923&partnerID=40&md5=2e47111616ebef4e03c8697eb136b46f
	Prokhorov, E.D., Dyadchenko, A.V., Mishnyov, A.A., Polyansky, N.E.	Low power consumption MM-band GaAs oscillators (2005) 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 1, статья № 1564854, pp. 168-169.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846310086&doi=10.1109%2FCRMICO.2005.1564854&partnerID=40&md5=adac35e5f6942452bee5d2e38d86090c
	Dyadchenko, A.V., Mishnyov, A.A., Prokhorov, E.D., Polyansky, N.E.	Pulse- and continuous-mode generators of mm-range on GaAs Gunn-diodes (2004) 2004 Second International Workshop, Ultrawideband and Ultrashort Impulse Signals Proceedings, UWBUSIS 2004, pp. 287-289.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-19644390499&partnerID=40&md5=4f20c3937f6ba485195713bec1ed1ae8
	Dyadchenko, A.V., Mishnyov, A.A., Prokhorov, E.D., Polyansky, N.E.	Oscillators of MM-range on GaAs gunn diodes (2003) 2003 13th International Crimean Conference "Microwave and Telecommunication Technology", CriMiCo 2003 - Conference Proceedings true, статья № 1256466, pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945131682&doi=10.1109%2FCRMICO.2003.158781&partnerID=40&md5=6d08f110bf41e881af343a2677d9827
	Beletsky, N.I., Polyansky, N.E. , Mishnyov, A.A., Semenov, A.V.	Carbon diamond-like film in GaAs MDS-structures (2001) CriMiCo 2001 - 11th International Conference, статья № 1173932, pp. 462-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956608651&partnerID=40&md5=c0b4cb6ce4b7fbb55c0835a12113a85f
	Beletsky, N.I., Mishnyov, A.A., Polyansky, N.E. , Prokhorov, E.D., Semenov, A.V.	Frequency opportunities of GaAs MDS-structures (2000) 2000 10th International Crimean Microwave Conference "Microwave and Telecommunication Technology", CriMiCo 2000, статья № 1256168, pp. 428-429.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966425167&doi=10.1109%2FCRMICO.2000.1256168&partnerID=40&md5=c28d91a198f57a609488832295ef563
326	Rezunenko, V.A.	The field diffraction of current ring on a spiral conductive sphere with a hole (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136803, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939427864&doi=10.1109%2FICATT.2015.7136803&partnerID=40&md5=2ee9c29a7319a2b2f062a8b782db77b
	Rezunenko, V.A. , Roschupkin, S.V.	Horizontal electrical dipole radiation out of a dielectric ball shielded by a spherical segment (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650797, pp. 417-419.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898660135&doi=10.1109%2FICATT.2013.6650797&partnerID=40&md5=5daed3f8e5361f3ae8011c0c44c9b632
	Rezunenko, V.A. , Roshchupkin, S.V., Radchenko, E.I.	Diffraction field of the vertical dipole from sphere with aperture, screening by the dielectric layer (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425133, pp. 128-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849130181&doi=10.1109%2FICATT.2007.4425133&partnerID=40&md5=6e6a8ea9456f750f641f63ccdfec3945
	Rezunenko, V.A.	Diffraction waves on a spherical resonator segment (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 4099301, pp. 320-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249095688&doi=10.1109%2FUWBUS.2006.307243&partnerID=40&md5=22982a091eb2e3b61f2f12db8c0db26c
	Rezunenko, V.A. , Roshchupkin, S.V.	Field radiation of the ring of the radial current from screened sphere with the aperture (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 4099300, pp. 317-319.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249113170&doi=10.1109%2FUWBUS.2006.307242&partnerID=40&md5=68651fffe08d821c08ebc5a2e7402894
	Rezunenko, V.A.	Scattering of the plane wave by the sphere with circular aperture (2005) Elektromagnitnye Volny i Elektronnnye Sistemy, 10 (8), pp. 5-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3144433676&partnerID=40&md5=bdd14da33765635ab6f6b502583093a5
	Radin, A.M., Rezunenko, V.A. , Shestopalov, V.P.	Wave radiation by a sphere with a circular hole (1977) USSR Computational Mathematics and Mathematical Physics, 17 (2), pp. 104-116.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49349132597&doi=10.1016%2F0041-5553%2877%2990040-4&partnerID=40&md5=9bd45981eb88f5bbe600676fa3c5d662
327	Pedun, D.E., Pojda, V.P., Bryukhovetsky, V.V., Poyda, A.V., Kryshtal, O.P., Sukhova, T.F. , Sam-Sonik, O.L., Lytvynenko, V.V., Spiridonov, E.A.	Structural changes during superplastic deformation of AMg2M and 1933 aluminium alloys (2012) Metallofizika i Noveishie Tekhnologii, 34 (10), pp. 1397-1410.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872310667&partnerID=40&md5=e8dc1f05116ecb88d7a45bd251e9188
	Pojda, V.P., Kuznetsova, R.I., Bryukhovetsky, V.V., Sukhova, T.F. , Tsenev, N.K.	Structural superplasticity, development of a cavitation, and failure of constructional aluminum-lithium alloy 1450 (2001) Metal Physics and Advanced Technologies, 19 (6), pp. 795-804.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035765818&partnerID=40&md5=8923b267f16cf4a20c3952935057b4d2
	Pojda, V.P., Bryukhovetsky, V.V., Kuznetsova, R.I., Sukhova, T.F. , Tsenev, N.K.	Structure superplasticity of the 1423 alloy under creep conditions (1996) Metallofizika i Noveishie Tekhnologii, 18 (12), pp. 49-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002442371&partnerID=40&md5=21b9abe90d8a4a82bd3727d1a5515d6b
	Frantsenyuk, I.V., Frantsenyuk, L.I., Gofman, Yu.I., Avanesov, V.L., Pis'menetskij, S.A., Zolenko, T.A., Mizik, I.V., Sukhova, T.F.	Vibration absorption of metal-glue laminated compositions for deep drawing (1991) Fizika i Khimiya Obrabotki Materialov, (3), pp. 128-130.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026159212&partnerID=40&md5=69a5641fbc32f80084b38eeb39d4a70
	Frantsenyuk, I.V., Frantsenyuk, L.I., Gofman, Yu.I., Avanesov, V.L., Pismannitskij, S.A., Zolenko, T.A., Mizik, I.V., Sukhova, T.F.	Damping properties of metal-adhesive laminated composites for deep drawing (1991) Physics and chemistry of materials treatment, 25 (3), pp. 319-321.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026160475&partnerID=40&md5=16449a5d5d9436b45ababc64f1af2c5e
	Poyda, V.P., Kuznetsova, R.I., Bratenkova, G.O., Sukhova, T.F.	Superplasticity of industrial aluminium alloy 1201 under creep conditions (1989) Physics of Metals and Metallography, 67 (4), pp. 201-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024776087&partnerID=40&md5=7b82f25160b321bdf1f5c5841f60d6
	Avanesov, V.L., Rokhmanov, N.Ya., Sirenko, A.F., Sukhova, T.F. , Chmutov, V.M.	Characteristics of magnetoelastic hysteresis in Fe-C alloys (1988) Russian metallurgy. Metally, (6), pp. 128-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024180102&partnerID=40&md5=0e7d249f88ca576f0c15fd044f4264e5
328	Bannikova, E.Y., Vakulik, V.G. , Sergeev, A.V.	N-body simulation of a clumpy torus: Application to active galactic nuclei (2012) Monthly Notices of the Royal Astronomical Society, 424 (2), pp. 820-829.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863873141&doi=10.1111%2Fj.1365-2966.2012.21186.x&partnerID=40&md5=57dfc82fde2cc345494259d34f69de4e

	Bannikova, E.Y., Vakulik, V.G. , Shulga, V.M.	Gravitational potential of a homogeneous circular torus: A new approach (2011) Monthly Notices of the Royal Astronomical Society, 411 (1), pp. 557-564.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78751688207&doi=10.1111%2fj.1365-2966.2010.17700.x&partnerID=40&md5=3a45809f160dc68e30cc476dc6f257d9
	Tsvetkova, V.S., Vakulik, V.G. , Shulga, V.M., Schild, R.E., Dudinov, V.N., Minakov, A.A., Nuritdinov, S.N., Artamonov, B.P., Kochetov, A.Y., Smirnov, G.V., Sergeyev, A.A., Konichek, V.V., Sinelnikov, I.Y., Zheleznyak, A.P., Bruevich, V.V., Gaisin, R., Akhunov, T., Burkhonov, O.	PG 1115+080: Variations of the A2/A1 flux ratio and new values of the time delays (2010) Monthly Notices of the Royal Astronomical Society, 406 (4), pp. 2764-2776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955376555&doi=10.1111%2fj.1365-2966.2010.16882.x&partnerID=40&md5=14974651b2720ec3a97613df9667f1d5
	Vakulik, V.G. , Shulga, V.M., Schild, R.E., Tsvetkova, V.S., Dudinov, V.N., Minakov, A.A., Nuritdinov, S.N., Artamonov, B.P., Kochetov, A.Y., Smirnov, G.V., Sergeyev, A.A., Konichek, V.V., Sinelnikov, I.Y., Bruevich, V.V., Akhunov, T., Burkhonov, O.	Time delays in PG 1115+080: New estimates (2009) Monthly Notices of the Royal Astronomical Society: Letters, 400 (1), pp. L90-L93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955352199&doi=10.1111%2fj.1745-3933.2009.00770.x&partnerID=40&md5=6742fd2da8fb1fc7ef78a42b7f549dff
	Tsvetkova, V.S., Shulga, V.M., Vakulik, V.G. , Smirnov, G.V., Dudinov, V.N., Minakov, A.A.	Search for dark matter using the phenomenon of strong gravitational lensing (2009) Kinematics and Physics of Celestial Bodies, 25 (1), pp. 28-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952936161&doi=10.3103%2fS0884591309010048&partnerID=40&md5=eaf390a8fab138c554db8fb590227c50
	Minakov, A.A., Vakulik, V.G.	Effects of microlensing on parameters of the images seen near the critical curves of gravitational lens galaxies (2000) Astronomy Letters, 26 (10), pp. 628-638.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034345984&partnerID=40&md5=67af6b99a9c39310b139bc753e0e75d9
	Tsvetkova, V.S., Dudinov, V.N., Novikov, S.B., Pluzhnik, Ye.A., Shkuratov, Yu.G., Vakulik, V.G. , Zheleznyak, A.P.	Shape and size of asteroid 4 Vesta: Speckle interferometry and polarimetry (1991) Icarus, 92 (2), pp. 342-349.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001673144&doi=10.1016%2f0019-1035%2891%2990057-Z&partnerID=40&md5=4d05f4d7c622ffedda0797fe02262c6
329	Sakharova, E., Yampol'skii, A.	Powers of the curvature operator of space forms and geodesics of the tangent bundle (2005) Ukrainian Mathematical Journal, 56 (9), pp. 1463-1480.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18844434918&doi=10.1007%2f11253-005-0127-5&partnerID=40&md5=a68de1a31acb3221b135ad329b6dac1a
	Yampol'skii, A.L.	On the strongly spherical Sasakian metric of a spherical tangent bundle (1994) Journal of Mathematical Sciences, 72 (4), pp. 3261-3266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249773806&doi=10.1007%2fBF01249530&partnerID=40&md5=f598ae916e7d51cc8a989e4712ca8080
	Yampol'skii, A.L.	Characterization of the projections of geodesics of the Sasakian metric of TCPn and T1CPn (1994) Journal of Mathematical Sciences, 69 (1), pp. 916-920.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249763958&doi=10.1007%2fBF01250824&partnerID=40&md5=b5e85d57593f8c5f818b659b702eead
	Yampol'skii, A.L.	Extreme values of the sectional curvature of the Sasakian metric of T1(Mn, K) (1992) Journal of Soviet Mathematics, 59 (2), pp. 779-787.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249838678&doi=10.1007%2fBF01097182&partnerID=40&md5=d6d6cb08cd304f2d9f989171f3478774
	Borisenko, A.A., Yampol'skii, A.L.	The sectional curvature of the Sasaki metric of T1Mn (1990) Journal of Soviet Mathematics, 51 (5), pp. 2503-2508.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141771152&doi=10.1007%2fBF01104163&partnerID=40&md5=2ac38a84658f12b124849a8c1621b4c3
	Borisenko, A.A., Yampol'skii, A.L.	Cylindricity of tangent bundles of strongly parabolic metrics and strongly parabolic surfaces (1990) Journal of Soviet Mathematics, 51 (2), pp. 2197-2212.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249959904&doi=10.1007%2fBF01106473&partnerID=40&md5=ef27510943c8ec73485a0084561bf689
	Yampol'skii, A.L.	The curvature of the Sasaki metric of tangent sphere bundles (1990) Journal of Soviet Mathematics, 48 (1), pp. 108-117.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249952978&doi=10.1007%2fBF01098055&partnerID=40&md5=8ff21a802eb1c798bc263230a7211d56
330	Anoshchenko, O. , Iegorov, S., Khruslov, E.	Global weak solutions of the Navier-Stokes/Fokker-Planck/Poisson linked equations (2014) Journal of Mathematical Physics, Analysis, Geometry, 10 (3), pp. 267-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904002253&partnerID=40&md5=9aa8b20c60450e5994822dfd015e159e
	Anoshchenko, O. , Khruslov, E., Stephan, H.	Global weak solutions to the Navier-Stokes-Vlasov-Poisson system (2010) Journal of Mathematical Physics, Analysis, Geometry, 6 (2), pp. 143-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880041815&partnerID=40&md5=acbae778057a5e39a6e57fa5d6cb07f16
	Anoshchenko, O. , Lysenko, O., Khruslov, E.	On Convergence of solutions of Singularly Perturbed boundary-value problems (2009) Journal of Mathematical Physics, Analysis, Geometry, 5 (2), pp. 115-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883805047&partnerID=40&md5=b6ec5768014e6a860483feb65282a6f2
	Anoshchenko, O. , Boutet De Monvel-Berthier, A.	The existence of the global generalized solution of the system of equations describing suspension motion (1997) Mathematical Methods in the Applied Sciences, 20 (6), pp. 495-519.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-5244352772&partnerID=40&md5=c53612fa424dd3dde49842186165a84d
	Anoshchenko, O.A.	Expansion in the eigenfunctions of the schrödinger equation with a potential having a periodic asymptotic behavior (1990) Journal of Soviet Mathematics, 49 (6), pp. 1237-1241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002245582&doi=10.1007%2fBF02209164&partnerID=40&md5=5c0ed2cf3f3a40a5c9f42709fe9755ea
	Anoshchenko, O.A.	An inverse scattering problem for the Schrödinger equation with a potential having a periodic asymptotics (1990) Journal of Soviet Mathematics, 48 (6), pp. 662-668.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27344451604&doi=10.1007%2fBF01094720&partnerID=40&md5=c3bfdfbf8c18154d4754be92b44ec614
331	Babets, V.A.	Pseudoforms with negative curvature on cpn ii (1994) Izvestiya Mathematics, 43 (1), pp. 119-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956237530&doi=10.1070%2f11994v043n01ABEH001552&partnerID=40&md5=0af334b020dbac2cf2e9843ad84715e2
	Babets, V.A.	Pseudoforms with negative curvature on cpn (1987) Mathematics of the USSR - Izvestija, 29 (3), pp. 677-688.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956138835&doi=10.1070%2f11987v029n03ABEH000988&partnerID=40&md5=260b2cc63d41696a5be0d3eb7392809e
	Babets, V.A.	Picard-type theorems for holomorphic mappings (1984) Siberian Mathematical Journal, 25 (2), pp. 195-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0013200681&doi=10.1007%2fBF00971456&partnerID=40&md5=94ee24b9a9932143613a3cf13f969747
	Babets, V.A.	Geometry of logarithmic tangent bundles and hyperbolic manifolds (1982) Functional Analysis and Its Applications, 16 (2), pp. 127-128.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250146512&doi=10.1007%2fBF01081627&partnerID=40&md5=571c8ea68ff046322bf81a8b81b59b76
	Babets, V.A.	A hyperbolicity theorem (1980) Functional Analysis and Its Applications, 14 (4), pp. 294-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250244224&doi=10.1007%2fBF01078306&partnerID=40&md5=56b9d7ae0e2b7c5f3c1d0e5d5458f894
	Babets, V.A.	Problem of the construction of exceptional sets of entire curves (1979) Mathematical Notes of the Academy of Sciences of the USSR, 26 (5), pp. 878-883.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250257346&doi=10.1007%2fBF01159200&partnerID=40&md5=0490b53c1a2f6cdfd22f7eb3d4adb03e
332	Boiko, S. , Dubovoy, V., Kheifets, A.	On some special cases of the radon-nikodym theorem for vector- and operator-valued measures (2015) Operator Theory: Advances and Applications, 244, pp. 131-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975705559&doi=10.1007%2f978-3-319-10335-8_7&partnerID=40&md5=5ee46b6587260b4f74144c46f345d2e3
	Boiko, S.S. , Dubovoy, V.K., Kheifets, A.Y.	Defect Functions of Holomorphic Contractive Operator Functions and the Scattering Suboperator Through the Internal Channels of a System: Part II (2014) Complex Analysis and Operator Theory, 8 (5), pp. 991-1036.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901636996&doi=10.1007%2f11785-013-0330-6&partnerID=40&md5=7b3c1cc612f3d0facac21eaf2853163f
	Boiko, S.S. , Dubovoy, V.K.	Defect Functions of Holomorphic Contractive Operator Functions and the Scattering Suboperator through the Internal Channels of a System. Part I (2011) Complex Analysis and Operator Theory, 5 (1), pp. 157-196.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951945286&doi=10.1007%2f11785-009-0003-7&partnerID=40&md5=7fb690dc3d60649771c5722b9a0a3877

	Boiko, S.S., Dubovoy, V.K.	Unitary couplings, scattering suboperators and regular factorizations of bounded operator valued functions II (2005) <i>Mathematische Nachrichten</i> , 278 (10), pp. 1117-1136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23844538990&doi=10.1002/2fmana.200210297&partnerID=40&md5=cc887d4e578e15196239fda85c990458
	Boiko, S.S., Dubovoy, V.K., Fritzsche, B., Kirsten, B.	Shift operators contained in contractions and pseudocontinuable matrix-valued Schur functions (2005) <i>Mathematische Nachrichten</i> , 278 (7-8), pp. 784-807.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444365534&doi=10.1002/2fmana.200310272&partnerID=40&md5=ca0c19ad0ee7cf6c771d2a1d08efb0c3
	Boiko, S.S., Dubovoy, V.K.	Unitary couplings, scattering suboperators and regular factorizations of bounded operator valued functions (2002) <i>Mathematische Nachrichten</i> , 236, pp. 47-89.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036309091&doi=10.1002/2f1522-2616%28200203%29236%3a1%3c47%3a%3aAID-MANA47%3e3.0.CO%3b2-C&partnerID=40&md5=c108d8cd91682e0f6403a67af2629
333	Shklyarevskii, I.N., Bondarenko, Yu.Yu., Makarovskii, N.A.	Plasma Resonance in Granular Silver Films Deposited on Rough Surfaces of NaCl and KCl Single Crystals (2002) <i>Optics and Spectroscopy</i> (English translation of <i>Optika i Spektroskopiya</i>), 93 (1), pp. 33-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141560321&doi=10.1134%2f1.1496720&partnerID=40&md5=db0de78b8bb0a23a5ff7f9fa325bcd3a
	Shklyarevskii, I.N., Bondarenko, Yu.Yu., Makarovskii, N.A.	Plasma resonance in granular gallium films deposited on rough NaCl and KCl single-crystal surfaces (2000) <i>Optika i Spektroskopiya</i> , 88 (4), pp. 607-610.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141727015&partnerID=40&md5=6061900f1b2f9856d85a1be2fec946b
	Shklyarevskii, I.N., Bondarenko, Yu.Yu., Makarovskii, N.A.	Plasma Resonance in Granular Gallium Films Deposited on Rough NaCl and KCl Single-Crystal Surfaces (2000) <i>Optics and Spectroscopy</i> (English translation of <i>Optika i Spektroskopiya</i>), 88 (4), pp. 547-550.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141560714&doi=10.1134%2f1.626836&partnerID=40&md5=a9bb7a978b49b5f1ac9e3a8432b466bc
	Shklyarevskii, I.N., Bondarenko, Yu.Yu., Makarovskii, N.A.	Natural Electron Oscillations in Granular Indium Films Deposited on Rough Surfaces of NaCl and KCl Single Crystals (2000) <i>Optics and Spectroscopy</i> (English translation of <i>Optika i Spektroskopiya</i>), 88 (4), pp. 542-546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141449194&doi=10.1134%2f1.626835&partnerID=40&md5=cba619cf a724c19c0326c762f01407a7
	Shklyarevskiy, I.N., Bondarenko, Yu.Yu., Makarovskiy, N.A.	Natural electron oscillations in Te granules deposited onto rough surfaces (1999) <i>Fizika Nizkikh Temperatur</i> (Kharkov), 25 (10), pp. 1052-1055.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141503643&partnerID=40&md5=df65f1f1747d5cb59bddb38f01eaff83b
	Shklyarevskiy, I.N., Bondarenko, Yu.Yu., Makarovskiy, N.A.	Natural electron oscillations in Te granules deposited on rough surfaces (1999) <i>Low Temperature Physics</i> , 25 (10), pp. 786-788.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141503640&doi=10.1063%2f1.593817&partnerID=40&md5=ec9b965119902556c723a625af54ea4b
334	Denysenko, I.B., Azarenkov, N.A., Ivko, S., Burmaka, G., Glazkov, A.	Effect of dust particles on electron energy distribution in glow and afterglow plasmas (2016) <i>Problems of Atomic Science and Technology</i> , 106 (6), pp. 179-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007545171&partnerID=40&md5=4b30a27a1b81a0d048a5bd1bd3093504
	Denysenko, I.B., Stefanović, I., Azarenkov, N.A., Burmaka, G.P.	Effect of secondary emission on the argon plasma afterglow with large dust density (2015) <i>Physics of Plasmas</i> , 22 (2), статья № 023702, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923800390&doi=10.1063%2f1.4907225&partnerID=40&md5=9c3254323506d129ca329655d4e57455
	Burmaka, G.P., Denysenko, I.B., Azarenkov, N.A.	Growth of forest of single-walled carbon nanotubes at inhomogeneous fluxes from plasma (2015) <i>Problems of Atomic Science and Technology</i> , 95 (1), pp. 184-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923120540&partnerID=40&md5=1de82240d91b7c26595a581374e9be13
	Denysenko, I.B., Stefanović, I., Azarenkov, N.A., Burmaka, G.P.	Effect of secondary emission on the afterglow of argon with negatively charged dust particles (2014) <i>Problems of Atomic Science and Technology</i> , 94 (6), pp. 157-159.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918545178&partnerID=40&md5=06d808d8b8d0b2142cd8083c8627462
	Burmaka, G., Denysenko, I.B., Ostrikov, K., Levchenko, I., Azarenkov, N.A.	Long, vertically aligned single-walled carbon nanotubes from plasmas: Morphokinetic and alignment controls (2014) <i>Plasma Processes and Polymers</i> , 11 (8), pp. 798-808.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905919053&doi=10.1002/2fppap.201400059&partnerID=40&md5=8abce503488b94897f73f1f0d9691792
	Burmaka, G.P., Denysenko, I.B., Azarenkov, N.A.	Formation of forest of single-walled carbon nanotubes in plasma-enhanced chemical vapor deposition (2012) <i>Problems of Atomic Science and Technology</i> , (6), pp. 223-225.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871751771&partnerID=40&md5=c7f0c5100f8e574127b03c94e2e99a26
335	Khobotova, E.B., Graivoronskaya, I.V., Datsenko, V.V., Baumer, V.N.	The assessment of the possibility of using slag in producing ferronickel for purification of wastewaters (2011) <i>Journal of Water Chemistry and Technology</i> , 33 (4), pp. 261-265.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053190599&doi=10.3103%2f1063455X11040084&partnerID=40&md5=e831b32c6e7dc094a467bc08b54c071c
	Larin, V.I., Khobotova, E.B., Datsenko, V.V., Dobriyan, M.A.	The chemical passivation of copper in ammonia solutions containing chlorine ions (2008) <i>Russian Journal of Physical Chemistry A</i> , 82 (9), pp. 1490-1494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249182273&doi=10.1134%2f1003602440809015X&partnerID=40&md5=1e7c2f35524a07d74b3a9e8ff3a0afbd
	Khobotova, E.B., Larin, V.I., Datsenko, V.V.	Products of chemical and electrochemical treatments of the surface of copper and its alloys (2005) <i>Ukrainskij Khimicheskij Zhurnal</i> , 71 (5-6), pp. 42-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29144499419&partnerID=40&md5=a1c8cbf26b6a0f3cbd5425b467638221
	Khobotova, E.B., Larin, V.I., Datsenko, V.V.	Electrochemical Dissolution of Iron-Copper Alloys in Alkaline Chloride Solutions (2003) <i>Russian Journal of Electrochemistry</i> , 39 (7), pp. 769-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642570479&doi=10.1023%2fA%3a1024882203890&partnerID=40&md5=c5f9d19ebbb971aa4ff0b327aacb1c3f
	Khobotova, E.B., Larin, V.I., Datsenko, V.V.	Electrochemical dissolution of iron-copper alloys in chloride alkaline solutions (2003) <i>Elektrokimiya</i> , 39 (7), pp. 850-852.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346972966&partnerID=40&md5=6ea0fb2f180e7b9f23f55be3cdec8f85
	Khobotova, E.B., Larin, V.I., Datsenko, V.V., Dobriyan, M.A.	The corrosion and anodic behavior of Cu-Ni alloys (2002) <i>Ukrainskij Khimicheskij Zhurnal</i> , 68 (5-6), pp. 32-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036416819&partnerID=40&md5=9e51300e2a2ac707e197e358d95af822
336	Gorobetz, N.N., Yeliseyeva, N.P.	Radiation characteristics of an electric dipole of arbitrary orientation placed above a plane screen (2003) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 60 (3-4), pp. 30-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547262894&doi=10.1615%2fTelecomRadEng.v60.i34.50&partnerID=40&md5=aa188fd2abff4d6d22148bb9f083a6a
	Gorobetz, N.N.	An approximate solution to the problem of linear antenna synthesis by the partial pattern method (1999) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 53 (1), pp. 22-27.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844533744&partnerID=40&md5=cd1fe5f62fc32863609a2975fbf3617
	Gorobetz, N.N.	Using polarization effects to improve the electromagnetic compatibility of radio electronic equipment (1997) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 51 (1), pp. 89-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031294466&partnerID=40&md5=946fc5c93904e9e24e39ab2a44bb3fc5
	Gorobetz, N.N., Kiyko, V.I.	Experimental investigation into the decoupling between antennas isolation using the comb structure of limited transverse dimensions (1997) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 51 (11-12), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751402967&partnerID=40&md5=484ecc05b280e1b35b69849194a58849
	Gorobetz, N.N., Gorobetz, Y.N., Dakhov, V.M.	Directivity characteristics of the dual-end-fed traveling wave antennas (1997) <i>Telecommunications and Radio Engineering</i> (English translation of <i>Elektrosvyaz i Radiotekhnika</i>), 51 (9), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844552854&partnerID=40&md5=526c1a3d9464e5c70e5d033b6aaeb0ac
	Gorobetz, N.N., Eliseyeva, N.P.	Optimizing radiation of microstrip and vibrator antennas by means of choosing form of the screen (1995) <i>IEEE Conference Publication</i> , 1 (407), pp. 295-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029236002&partnerID=40&md5=e1456dd03b0053835077990af5483652
337	Ivko, S., Denysenko, I., Azarenkov, N.	Electromagnetic wave propagation through magnetoactive plasma layers (2017) <i>Problems of Atomic Science and Technology</i> , 107 (1), pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016115798&partnerID=40&md5=f7e8cf8921d53ab17163e241229c4db2
	Denysenko, I.B., Azarenkov, N.A., Ivko, S., Burmaka, G., Glazkov, A.	Effect of dust particles on electron energy distribution in glow and afterglow plasmas (2016) <i>Problems of Atomic Science and Technology</i> , 106 (6), pp. 179-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007545171&partnerID=40&md5=4b30a27a1b81a0d048a5bd1bd3093504
	Denysenko, I.B., Ivko, S., Smolyakov, A., Azarenkov, N.A.	Transmission of electromagnetic waves through a two-layer plasma structure with spatially nonuniform electron density (2012) <i>Physical Review E - Statistical, Nonlinear, and Soft Matter Physics</i> , 86 (5), статья № 056402, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868352663&doi=10.1103%2fPhysRevE.86.056402&partnerID=40&md5=e25f63f6d9fd61d8cf56b25a89f88cd

	Ivko, S., Smolyakov, A., Denysenko, I., Azarenkov, N.A.	Resonant transparency of a two-layer plasma structure in a magnetic field (2011) Physical Review E - Statistical, Nonlinear, and Soft Matter Physics, 84 (1), статья № 016407, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961109521&doi=10.1103%2FPhysRevE.84.016407&partnerID=40&md5=6db0f4b053ea3e839637b83930e3eeb
	Ivko, S., Smolyakov, A., Denysenko, I., Azarenkov, N.A.	Controlled anomalous transmission through plasma layers (2010) Problems of Atomic Science and Technology, (6), pp. 129-131.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650617485&partnerID=40&md5=4fc70a5defb176b2edff7d4d41b5ab45
	Ivko, S.V., Denysenko, I.B., Smolyakov, A.I., Azarenkov, N.A.	Dispersion of the surface magnetoplasmons (2010) Problems of Atomic Science and Technology, (4), pp. 373-375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149481257&partnerID=40&md5=31d9d3d6823378a9a5fd0ed2724990c2
338	Dolya, G.N., Katunin, A.N., Bulay, A.N., Chudovskaja, E.S.	Basing of the television-picture generator application for distance monitoring of turbulent atmosphere (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, статья № 5634215, pp. 193-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650400700&doi=10.1109%2FCAOL.2010.5634215&partnerID=40&md5=99e9a7068797a250b811a8a33872b2c0
	Dolya, G.N., Katunin, A.N., Sadovy, K.V., Chudovskaja, E.S.	Laser radiation parameters at detection of decay and fire sources (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671872, pp. 351-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849106066&doi=10.1109%2FCAOL.2008.4671872&partnerID=40&md5=f0b8c978972a459890320bdf00eb0b
	Dolya, G.N., Katunin, A.N., Sadovy, K.V., Karmanny, E.V.	Observation of phase heterogeneities of the medium by the methods by the interferometry methods (2006) 8th International Conference on Laser and Fiber-Optical Networks Modeling, LFNМ 2006, статья № 4018204, pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250900558&doi=10.1109%2FLFNМ.2006.251985&partnerID=40&md5=d65b89902ca24397913800fd266aca1
	Dolya, G.N., Zhyvchuk, V.L., Katunin, A.N., Mazanov, V.G.	The experimental investigations of peculiarities of operation of biradiate laser vibrometer working in high amplitude oscillation measuring mode (2005) Proceedings of CAOL 2005: 2nd International Conference on Advanced Optoelectronics and Lasers, 2, статья № 1553985, pp. 300-305.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845495402&doi=10.1109%2FCAOL.2005.1553985&partnerID=40&md5=f55a6738e9fbc2ca4f20cd4cb34a2f8
	Dolya, G.N., Katunin, A.N., Moiseyeva, G.A.	Opportunity of reduction of objects visibility using diffraction-reflecting coverings in conditions of application laser detection systems (2001) Proceedings of LFNМ 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 930230, pp. 136-139.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963815306&doi=10.1109%2FLFNМ.2001.930230&partnerID=40&md5=16a93c9b7c52c5835d38c3d60b32c4a1
	Dolya, G.N., Tyurin, S.V., Glinyani, A.V., Katunin, A.N.	Nature investigations of isoplanatic problem on model of adaptive laser system (2000) Proceedings of LFNМ 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 854060, pp. 130-132.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960391504&doi=10.1109%2FLFNМ.2000.854060&partnerID=40&md5=4e5f68a2af055d66b5c9870a2869046
339	Tuz, V.R., Kazansky, V.B.	Defect modes in a periodic structure with chiral layers (2009) Journal of the Optical Society of America A: Optics and Image Science, and Vision, 26 (4), pp. 815-819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-65249116936&doi=10.1364%2FOSA.26.000815&partnerID=40&md5=931de8bc3dd3915ba041ef6246918667
	Kazansky, V.B., Khardikov, V.V.	Theory of cylindrical transmission-type TE01p-cavity resonator with metallodielectric filling (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 61 (2-6), pp. 328-343.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958519193&doi=10.1615%2FtelecomRadEng.v61.i4.50&partnerID=40&md5=6aa9a3ad7f3e5cfc251010737eb2ab7d
	Kazansky, V.B., Bülow, M., Tichomirova, E.	Specific sorption sites for nitrogen in zeolites NaLSX and LiLSX (2001) Adsorption, 7 (4), pp. 291-299.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035700025&doi=10.1023%2FA%3a1013121800754&partnerID=40&md5=e3a7a1de0237aa039071044af6b9cbba
	Kazansky, V.B.	A multichannel, high-Q field selector in the frequency and spatial domain (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 53 (3), pp. 81-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844433341&partnerID=40&md5=8a2e9dad2d7a6a9966ccd02cf40861a8
	Aigler, J.M., Kazansky, V.B., Houalla, M., Proctor, A., Hercules, D.M.	Photoreduction study of Mo allyl-based Mo/SiO2 catalysts (1995) Journal of physical chemistry, 99 (29), pp. 11489-11493.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029345433&partnerID=40&md5=527ed4cd809c2408c8356e7237db3863
	Zubkov, S.A., Kustov, L.M., Kazansky, V.B., Girnus, I., Fricke, R.	Investigation of hydroxyl groups in crystalline silicoaluminophosphate SAPO-34 by diffuse reflectance infrared spectroscopy (1991) Journal of the Chemical Society, Faraday Transactions, 87 (6), pp. 897-900.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0000513663&doi=10.1039%2FT9918700897&partnerID=40&md5=3048f13e57a51e902bb796bce9e694f
340	Khvorostov, E.D., Zakharchenko, I.B., Tomin, M.S.	Dermoid cyst of inguinal channel: review of the literature and clinical observation (2008) Klinichna khirurhii / Ministerstvo okhorony zdorovia Ukrainy, Naukove tovarystvo khirurhiv Ukrainy, (3), pp. 20-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50949124896&partnerID=40&md5=a53d96c07109819b049322742b97436e
	Khvorostov, E.D., Semenenko, I.A., Grinev, R.N.	Prophylaxis of venous thromboembolic complications in patients with hematological diseases after laparoscopic splenectomy [Profilaktika vnoznykh tromboembolicheskikh oslozhnenii u patsientov s zabolevaniami sistemy krovi, kotorym proizvedena laparoskopicheskaia splenektomia.] (2001) Klinicheskaya Khirurgiya, (12), pp. 19-20.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035749719&partnerID=40&md5=b499268c328c1afb98cb7d6ef4b7949a
	Khvorostov, E.D., Grinyov, R.N., Bychkov, S.A., Usenko, L.V.	Sonography as reliable forecasting method of technical difficulties when carrying out laparoscopic cholecystectomy (2000) Ultrasound in Medicine and Biology, 26 (SUPPL. 2), pp. A144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033688911&partnerID=40&md5=940a6e69897149731b0ee558386beb
	Khvorostov, E.D., Morozov, S.A.	A rare complication of metallo-osteosynthesis of the clavicle [Redkoe oslozhnenie metalloosteosinteza kluchitsy.] (1989) Klinicheskaya Khirurgiya, (12), pp. 47-48.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024794337&partnerID=40&md5=f8fcc8cc9b8be309cd7d2508082ae5f
	Dudenko, G.I., Khvorostov, E.D., Morozov, S.A.	Cholelithiasis as a risk factor for the occurrence of gallbladder cancer [Zhelchnokamennaya bolezni' kak faktor riska vozniknoveniia raka zhelchnogo puzrya.] (1989) Klinicheskaya Khirurgiya, (9), p. 55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024833134&partnerID=40&md5=aff45f6c2561eeb2ee8006e7bd17e168
	Morozov, S.A., Khvorostov, E.D.	A case of location of the appendix in the ileal mesentery [Nabliudenie raspolzheniia cherveobraznogo otkrotka v bryzhelke podvzdosnoi kishki.] (1989) Klinicheskaya Khirurgiya, (4), p. 64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024578136&partnerID=40&md5=c2ccce90a54f98db02ea3e27418290c
341	Tanatarov, L.V., Kirdin, A.I.	Selective oxidation of alloy (2012) Metallofizika i Noveishe Tekhnologii, 34 (12), pp. 1673-1686.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873532766&partnerID=40&md5=070900a9a7d96101e1e3938f24f3266f
	Gofman, Yu.I., Kirdin, A.I., Kovalenko, T.A.	Production of electrotechnical steel with composite texture by electron irradiation (1997) Metal Physics and Advanced Technologies, 16 (10), pp. 1107-1110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031369157&partnerID=40&md5=e2285f6336472b833158e65a23fe9e9
	Gofman, Yu.I., Kirdin, A.I., Kovalenko, T.A.	A compositely textured electrotechnic steel making in electron irradiation treatment (1996) Metallofizika i Noveishe Tekhnologii, 18 (10), p. 16.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3342886451&partnerID=40&md5=d2008b0436300dc9b49d4ed60c636b72
	Gofman, Yu.I., Kirdin, A.I., Ilejnik, O.G.	Formation of unstable Frenkel pairs under electron irradiation (1995) Izvestia Akademii nauk SSSR. Metally, (6), pp. 153-157.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029409376&partnerID=40&md5=1038ea8b6cb8fae4ce0036195afe571
	Gofman, Yu.I., Kovalenko, T.A., Kirdin, A.I., Olejnik, O.G.	Phase transformation in two-component aluminum alloys under electron radiation (1994) Izvestiya Akademii Nauk SSSR. Metally, (6), pp. 64-68.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028536564&partnerID=40&md5=f7b3b25f3bca5950ecd656e95acbd259
	Kirdin, A.I., Lazurik, V.T.	Scattered flux with gamma-ray irradiation of heterogeneous media (1987) Soviet Atomic Energy, 62 (2), pp. 164-166.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023290090&doi=10.1007%2FBF01123677&partnerID=40&md5=75b4476ca474aec4076e7110d6660e4e
342	Koverga, V.A., Korsun, O.M., Kalugin, O.N., Marekha, B.A., Idrissi, A.	A new potential model for acetonitrile: Insight into the local structure organization (2017) Journal of Molecular Liquids, 233, pp. 251-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015677570&doi=10.1016%2fmolliq.2017.03.025&partnerID=40&md5=9831eca575968a09bbda0b3d48be313b
	Korsun, O.M., Kalugin, O.N., Vasenko, A.S., Prezhdo, O.V.	Electronic Properties of Carbon Nanotubes Intercalated with Li+ and Mg2+: Effects of Ion Charge and Ion Solvation (2016) Journal of Physical Chemistry C, 120 (46), pp. 26514-26521.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8498881001&doi=10.1021%2Facs.jpcc.6b07496&partnerID=40&md5=501f5d8017df44e7829a640704b70479

	Korsun, O.M. , Kalugin, O.N., Fritsky, I.O., Prezhdo, O.V.	Ion association in aprotic solvents for lithium ion batteries requires discrete-continuum approach: Lithium bis(oxalato)borate in ethylene carbonate based mixtures (2016) Journal of Physical Chemistry C, 120 (30), pp. 16545-16552.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84980601944&doi=10.1021%2Facs.jpcc.6b05963&partnerID=40&md5=a62326574d092c33a5bb7acefc276e05
	Kyrychenko, A., Korsun, O.M. , Gubin, I.I., Kovalenko, S.M., Kalugin, O.N.	Atomistic simulations of coating of silver nanoparticles with poly(vinylpyrrolidone) oligomers: Effect of oligomer chain length (2015) Journal of Physical Chemistry C, 119 (14), pp. 7888-7899.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&doi=10.1021%2Fjp510369a&partnerID=40&md5=47308ebbd73b4c10025dfc825b0c2a29
	Golenya, I.A., Gumienna-Kontecka, E., Haukka, M., Korsun, O.M. , Kalugin, O.N., Fritsky, I.O.	Copper(ii) complexes of 3- and 4-picolinedihydroxamic acids: From mononuclear compounds to 1D- and 2D-coordination polymers (2014) CrystEngComm, 16 (10), pp. 1904-1918.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894148268&doi=10.1039%2F2fc3ce4234c&partnerID=40&md5=a6c84bcb21dccc37288fc4885ebcb257e
	Korsun, O.M. , Kalugin, O.N., Prezhdo, O.V.	Control of carbon nanotube electronic properties by lithium cation intercalation (2014) Journal of Physical Chemistry Letters, 5 (23), pp. 4129-4133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915751379&doi=10.1021%2Fjz502175e&partnerID=40&md5=274d1f479295b7172448d9a7527f5eeb
343	Gorbenko, G.P., Kurilko, S.A. , Malykhina, T.V.	Changes of liposomes electrophoretic mobility under the effect of ribonuclease and cytochrome c [Izmenenie elektroforeticheskoi podvizhnosti liposom pod vlianiem ribonukleazy i tsitokhroma c.] (1998) Biofizika, 43 (2), pp. 260-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032017202&partnerID=40&md5=d3b6fc2c246138704465bdcfa0e3a884
	Gorbenko, G.P., Kurilko, S.A. , Malykhina, T.V.	Changes of Liposomes Electrophoretic Mobility under the Influence of Ribonuclease and Cytochrome c (1998) Biofizika, 43 (2), p. 263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345764918&partnerID=40&md5=710bbe2d8dea311e277fd9242b1d1b0
	Tkachenko, V.N., Gorbenko, G.P., Kurilko, S.A. , Tovstiyak, V.V.	Effect of membranotropic agents on the activity of microsomal oxydoreductases (1996) Ukrain'skyi Biokhimichnyi Zhurnal, 68 (4), pp. x9-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442704487&partnerID=40&md5=ae8bb1cf37bedcf8d8555ea23522d52c
	Tkachenko, V.N., Gorbenko, G.P., Kurilko, S.A. , Tovstiyak, V.V.	Effect of membranotropic agents on the activity of microsomal oxydoreductases [Vlianie membranotropnykh agentov na aktivnost' oksidoreduktaz mikrosom.] (1996) Ukrain'skii biokhimicheskii zhurnal, 68 (4), pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030178434&partnerID=40&md5=c33c98b3ca6dfcb44595755f6a324e1e
	Tkachenko, V.N., Gorbenko, G.P., Dyubko, T.S., Krupin, V.D., Kurilko, S.A. , Tovstiyak, V.V.	Influence of the ionizing radiation on the microsomal oxydoreductase activity (1994) Radiatsionnaya Biologiya. Radioekologiya, 34 (4-5), pp. 627-630.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028469773&partnerID=40&md5=904887c6c9112832686c6bca6bb2aca7
	Krupin, V.D., Kurilko, S.A. , Tkachenko, V.N., Gorbenko, G.P., Tovstiyak, V.V.	Effect of radiation on the electrophoretic mobility of erythrocytes [Vlianie radiatsii na elektroforeticheskui podvizhnost' eritrotsitov.] (1993) Ukrain'skii biokhimicheskii zhurnal, 65 (5), pp. 105-108.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027662285&partnerID=40&md5=3b33328789592d7b6690b895900cc064
344	Gokov, A.M., Misyura, V.A. , Piven', L.A.	To the problem of simultaneous definition of density and frequency of electron collision with molecules in ionospheric D-region (1991) Izvestiya VUZ: Radiofizika, 34 (3), pp. 330-333.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026126408&partnerID=40&md5=23b66574bb88535757b8d70159e009b6
	Gokov, A.M., Misyura, V.A. , Piven', L.A.	Simultaneous measurement of the density and frequency of electron collisions with molecules in the ionospheric D-region (1991) Radiophysics and Quantum Electronics, 34 (3), pp. 275-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249833529&doi=10.1007%2FBF01066513&partnerID=40&md5=231f29f549567bc6d1e5f728fb44da1
	Martynenko, S.I., Misyura, V.A. , Piven', L.A., Simov, V.G., Chernogor, L.F., Shemet, A.S.	Attenuation of high-frequency radio waves in the low ionosphere at high latitudes when the ionosphere is artificially perturbed by powerful radio emission (1983) Radiophysics and Quantum Electronics, 26 (1), pp. 1-4.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020649806&doi=10.1007%2FBF01038766&partnerID=40&md5=5470f9d3736077915ae97b43d4d33ba6
	Misyura, V.A. , Novozhilov, V.I., Erokhin, Yu.G., Bludov, V.Ya., Belyi, A.F., Trukhan, M.G., Rozumenko, V.T.	Investigating regular fine structure and random inhomogeneities of the ionosphere by the method of incoherent radio-wave scattering (1976) Radiophysics and Quantum Electronics, 17 (7), pp. 722-728.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250383586&doi=10.1007%2FBF01037227&partnerID=40&md5=03a9fe65043b80b2f25d9e4c0c6e7415
	Kapanin, I.I., Mizun, Yu.G., Misyura, V.A. , Podnos, V.A., Tyrnov, O.F., Tsybmal, A.M., Yagovkin, A.R.	MEASUREMENT OF IONOSPHERIC PARAMETERS BY SATELLITE SIGNALS. (1974) Cosmic Res, 12 (4), pp. 527-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016082921&partnerID=40&md5=3c843b697b7c5908e22bb45147dff7e1
	Misyura, V.A. , Svetlitchny, N.P., Chasovitin, Yu.K., Shluger, S.S., Bezrodnaya, L.V., Gerasimova, N.D., Piven, L.A., Chernogor, L.F.	Statistical characteristics and dynamics of ionospheric irregularities as investigated using satellite signal records and ground-based methods at middle and high latitudes (1974) Journal of Atmospheric and Terrestrial Physics, 36 (11), pp. 2037-2045.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-49549156949&doi=10.1016%2F0021-9169%2874%2990191-3&partnerID=40&md5=aa136e02a439f1ff8d827eace0715352
345	Pak, A.O. , Kokodiy, N.G.	Thermal processes in the bolometric measurer of laser radiation characteristics (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657651, pp. 396-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893809770&doi=10.1109%2FICAOL.2013.6657651&partnerID=40&md5=76587bf224c259d99996a5147130525c
	Pak, A.O. , Kokodiy, N.G.	Optical radiation absorption by thin metal wires with a powerful pulse heating (2012) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 71 (13), pp. 1239-1246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865446310&doi=10.1615%2FtelecomRadEng.v71.i13.80&partnerID=40&md5=337e0e90f8d7c605bade0a1ff18ce8dd
	Pak, A.O. , Kokodii, N.G.	Measuring of temporal characteristics of intense optical radiation (2012) High Temperature, 50 (1), pp. 131-136.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861369295&doi=10.1134%2FIS0018151X12010117&partnerID=40&md5=06c84a58834070985ccf612a5938cf2c
	Pak, A.O. , Kokodiy, N.G.	Grid receiver for measuring of laser radiation characteristics (2011) Conference Proceedings - 11th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2011, статья № 6145009, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857607381&doi=10.1109%2FLFNM.2011.6145009&partnerID=40&md5=0b5df5886cc05af91c6347e31d15cfd3
	Kokody, N.G., Pak, A.O. , Safronov, B.V., Balkashin, V.P., Priz, L.A., Perepechai, M.P.	Research of bolometer parameters of the trellised receiver of laser radiation (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, статья № 5634210, pp. 202-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650331432&doi=10.1109%2FICAOL.2010.5634210&partnerID=40&md5=8186623e0a3151540b09da5b02751b5e
	Kokodiy, N.G., Timanyuk, V.A., Pak, A.O.	Algorithms for signal processing of grid receiver for laser radiation (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, статья № 4671903, pp. 325-327.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849140744&doi=10.1109%2FICAOL.2008.4671903&partnerID=40&md5=63b6698eeb2f925db6bb41bf4bb5cb6c
346	Ronkin, V. , Savchenko, G.	Flora and vegetation of dry grasslands of Northeastern Ukraine, and problems of diversity conservation (2016) Hacquetia, 15 (2), pp. 49-62.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983249724&doi=10.1515%2Fhacq-2016-0013&partnerID=40&md5=08b2d6bd154cb56e38f84f5dd9c9ab6e4
	Polchaninova, N., Savchenko, G., Drogvalenko, A., Ronkin, V. , Shabanov, D.	The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine (2016) Agriculture, Ecosystems and Environment, 234, pp. 65-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969285699&doi=10.1016%2Fj.agee.2016.04.031&partnerID=40&md5=e8de430235d24d819e56b7ccbb5c2676
	Ronkin, V. , Savchenko, G., Tokarsky, V.	The place of the steppe marmot in steppe ecosystems of Ukraine: An historical approach (2009) Ethology Ecology and Evolution, 21 (3-4), pp. 277-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649775316&doi=10.1080%2F08927014.2009.9522482&partnerID=40&md5=01fa43671dd336c23e088d6146626539
	Nikol'skii, A.A., Belovezhets, K.I., Ronkin, V.I. , Khutorskoj, M.D.	Mathematical model of mammal burrows temperature condition on example of Marmota bobak burrow (2005) Doklady Akademii Nauk, 403 (5), pp. 713-714.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29144445992&partnerID=40&md5=1f604ec6b947af8e9aae35cb83fc3e52
	Nikol'skii, A.A., Belovezhets, K.I., Ronkin, V.I. , Khutorskoj, M.D.	A mathematical model of the temperature conditions of mammalian burrows as exemplified by the burrow of the marmot Marmota bobak Mull., 1776 (2005) Doklady Biological Sciences, 403 (1-6), pp. 301-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24344508562&doi=10.1007%2Fs10630-005-0118-6&partnerID=40&md5=1d8efc0bec58309a4d2cc8d78917fac6
	Ronkin, V.I. , Savchenko, G.A.	Adaptability of habitats for Marmota bobak (rodentia, sciuridae) related to plant cover structure (2000) Zoologicheskii Zhurnal, 79 (10), p. 1234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22944436526&partnerID=40&md5=653efa5e407851020d97ae88dce55e78
347	Georgievskii, V.P., Rybachenko, A.I.	Spectral-luminescent properties of natural coumarin derivatives and their use for group identification (1985) Chemistry of Natural Compounds, 21 (6), pp. 725-728.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250110006&doi=10.1007%2FBF00576205&partnerID=40&md5=9f1f6bc5339a2e5638b8d69c3df03a84

	Rybachenko, A.I. , Piotrovskaya, A.G., Georgievskii, V.P., Kazakov, A.L.	Basicity constants of natural isoflavonoids (1985) Chemistry of Natural Compounds, 21 (6), pp. 732-734.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250115687&doi=10.1007%2fBF00576207&partnerID=40&md5=cab4eb07c9ff12ca6a996b9d58b88245
	Rybachenko, A.I. , Sukhorukov, A.A., Georgievskii, V.P., Titov, E.V.	Interpretation of II→II electronic transmissions in the absorption spectra of flavone and its hydroxy derivatives (1981) Chemistry of Natural Compounds, 17 (3), pp. 234-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250232896&doi=10.1007%2fBF00568509&partnerID=40&md5=11a4525ec3934c0fd6a978de10f1212c
	Orlov, V.D., Roberman, A.I., Rybachenko, A.I. , Lavrushin, V.F.	1,3,5-Triaryl-Δ2-pyrazolines with a nitro or amino group in the N-phenyl ring (1978) Chemistry of Heterocyclic Compounds, 13 (11), pp. 1230-1234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250277345&doi=10.1007%2fBF00475954&partnerID=40&md5=4e15e21e108d7c24a221b7ebe4ed1d44
	Rybachenko, A.I. , Krivut, B.A., Georgievskii, V.P.	Fluorodensitometric determination of mangiferin and isomangiferin in Hedysarum flavescens and H. alpinum (1976) Chemistry of Natural Compounds, 12 (4), pp. 395-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250301748&doi=10.1007%2fBF00564793&partnerID=40&md5=54c35473a59c3c58eaf12ec8a5ca2957
	Georgievskii, V.P., Rybachenko, A.I.	Phosphorescence properties of hydroxy-substituted flavones (1975) Journal of Applied Spectroscopy, 22 (4), pp. 581-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250389823&doi=10.1007%2fBF00614722&partnerID=40&md5=dc92b532b5a88c5dd5e99d7e0977537f
348	Rybin, O., Shulga, S.	Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application (2017) Journal of Computational Electronics, 16 (2), pp. 369-381.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016115892&doi=10.1007%2f10825-017-0979-6&partnerID=40&md5=90074708e4fa718aad91f76d3b601027
	Rybin, O., Shulga, S.	Utilization of double metal-dielectric composite substrates for microwave miniaturization of rectangular patch antennas (2016) Journal of Computational Electronics, 15 (3), pp. 1023-1027.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974855870&doi=10.1007%2f10825-016-0848-8&partnerID=40&md5=94ca94375a62cadcb1a87d0f93189d24
	Rybin, O., Shulga, S.	Theorem of two-layer magnetic composite for antenna substrate application (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538125, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987940322&doi=10.1109%2fMSMW.2016.7538125&partnerID=40&md5=7d6d98d31a09b53215abb510414a08b4
	Rybin, O., Shulga, S.	Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates (2016) International Journal of RF and Microwave Computer-Aided Engineering, 26 (3), pp. 254-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953432482&doi=10.1002%2fmmce.20961&partnerID=40&md5=3e135f194e2bb1e5d5a518f4c4255a2e
	Rybin, O., Shulga, S.	Feedback magnetization of ultra-low index irradiative structure (2015) Modern Physics Letters B, 29 (29), статья № 1550179, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945478764&doi=10.1142%2f10217984915501791&partnerID=40&md5=fd9ea0ba6ec310f193cb0a375a2d24e4
	Rybin, O., Shulga, S.	Substrate application of magnetic metamaterial (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136879, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939434726&doi=10.1109%2fICATT.2015.7136879&partnerID=40&md5=3d0f59cd5eb124b5f80586c1eb8f1138
349	Sivozalizov, N.A.	Computational model of microcoplanar strip antennas (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650705, pp. 143-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898609019&doi=10.1109%2fICATT.2013.6650705&partnerID=40&md5=2cb66d660f08719503cae270fc53994
	Sivozalizov, N.A.	Electromagnetic potentials in gyrotropic media (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (1), pp. 54-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844545930&partnerID=40&md5=f45ec5c776c8a079fc54d3024d5306f
	Lyapunov, N.V., Sivozalizov, N.A. , Khoroshun, V.V.	Method of optimizing the parameters of a step function which approximates a sinusoidal signal (1988) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 43 (4), pp. 97-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023993790&partnerID=40&md5=51dda64f8afdc6765e202237d2166b18
	Venger, A.Z., YERMAK, A.N., SIVOZALIZOV, N.A. , YAKIMENKO, A.M.	FREQUENCY MULTIPLIERS WITH PHASE CORRECTION. (1981) TELECOMMUN RADIO ENG, V 35-36 (N 10), pp. 100-102.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019649666&partnerID=40&md5=f1632a61bc48de94ba5d8a745980e88e
	Venger, A.Z., Misevra, V.I., Sivozalizov, N.A. , Yakimenko, A.M.	FREQUENCY MULTIPLIER WITH DOUBLE CONVERSION IN AN ADDITIONAL GENERATOR. (1980) Instruments and experimental techniques New York, 23 (2 pt 2), pp. 442-444.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018989351&partnerID=40&md5=6dea3b6cb11509855a86ab11009899a3
	Kazanskii, V.B., Kolchigin, N.N., Sivozalizov, N.A. , Ukrainets, V.I.	Resonant Properties of Periodic Arrays Consisting of Elements with Complex Cross Sections. (1975) Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika, 18 (1), pp. 36-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016429567&partnerID=40&md5=06b60e8d790cee554ddcb5b9105114d
350	Garmash, K.P., Gritchin, A.I., Martynenko, S.I., Podnos, V.A., Rozumenko, V.T., Tynov, O.F., Fedorenko, V.N., Fedorenko, Yu.P., Tsymbal, A.M. , Chernogor, L.F.	Space research in Kharkiv radiophysical observatory of V. N. Karazin National University (2009) KpiMuKo 2009 CrMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292824, pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949092693&partnerID=40&md5=182ef2b77d5e3339e4c54fa2836a1c8d
	Garmash, K.P., Kostrov, L.S., Rozumenko, V.T., Tsymbal, A.M. , Tynov, O.F.	The facility for remote sensing of the near-earth space environment (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CrMiCo, статья № 4023555, pp. 954-955.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149089961&doi=10.1109%2fCRMICO.2006.256274&partnerID=40&md5=b0e4eeef4bb4dc9734475c439b1bbf
	Garmash, K.P., Kostrov, L.S., Rozumenko, V.T., Tynov, O.F., Tsymbal, A.M. , Chernogor, L.F.	Global ionospheric disturbances caused by a rocket launch against a background of a magnetic storm (1999) Geomagnetism and Aeronomy, 39 (1), pp. 69-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644500240&partnerID=40&md5=7c6966d5e3808f36d1dabceb0eadb3fc
	Gokov, A.M., Martynenko, S.I., Rozumenko, V.T., Tsymbal, A.M. , Tynov, O.F.	Method for derivation of electric fields in the lower ionosphere from measurements with a partial reflection facility (1998) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 1, pp. 271-273.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032230589&partnerID=40&md5=a9e0010ceb236afe9544578052e8541
	Kostrov, Leonid S., Martynenko, Sergey I., Milovanov, Yury B., Rozumenko, Victor T., Tynov, Oleg F., Tsymbal, Anatoly M.	Influence of global disturbances on the propagation of ionospheric MF and HF radio waves: technique (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2236-2239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029726889&partnerID=40&md5=e47b635743d21adbaea0c202d4231a4b
	Kapanin, I.I., Mizun, Yu.G., Misyura, V.A., Podnos, V.A., Tynov, O.F., Tsymbal, A.M. , Yagovkin, A.R.	MEASUREMENT OF IONOSPHERIC PARAMETERS BY SATELLITE SIGNALS. (1974) Cosmic Res, 12 (4), pp. 527-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016082921&partnerID=40&md5=3c843b697b7c5908e22bb45147dff7e1
351	Bazilevskaya, T.A., Gritsina, V.T., Orlinski, D.V., Udalova, L.V. , Voitsenya, A.V.	The effect of composition, processing conditions, and irradiation, on lattice defects in spinel ceramics (1998) Journal of Nuclear Materials, 253 (1-3), pp. 133-140.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032027483&partnerID=40&md5=74c3d955f59331bcfa398159122bfc45
	Udalova, L.V.	Layered Structure in Polycrystalline Translucent Magnesium Aluminate Spinel. [SLOISTAYA STRUKTURA V POLIKRISTALLICHESKOI PROZRACHNOI ALYUMOMAGNIEVOI SHPINELI.] (1982) Neorganicheskie materialy, 18 (2), pp. 276-279.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020091723&partnerID=40&md5=d88a2ed44b7404a54fc3a18b29be4c9
	Udalova, L.V. , Kurova, I.V., Kashkai, A.D., Sokol, V.A., Rokhlenko, D.A.	Compaction and recrystallization kinetics of aluminum magnesium spinel doped with lithium fluoride (1981) Refractories, 22 (5-6), pp. 348-351.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019560380&doi=10.1007%2fBF01398003&partnerID=40&md5=6825c9471568704f5636072268ebb58e
	Udalova, L.V. , Kisileva, L.A., Kurova, I.V.	Patterns of Compaction of Powders of Certain Oxides Doped with Lithium Fluoride. [ZAKONOMERNOSTI UPLOTNENIYA POROSHKOV NEKOTORYKH OKSIDOV, LEGIROVANNYKH FLORIDOM LITIYA.] (1980) Neorganicheskie materialy, 16 (11), pp. 1969-1974.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019084057&partnerID=40&md5=f601915d168c2be9735d84081aa588a
	Udalova, L.V. , Volynets, F.K., Kleshchinskii, L.I., Vanyukhin, G.N., Kiseleva, L.A.	Compaction Kinetics of Yttrium Oxide Doped with Lithium Fluoride. [KINETIKA UPLOTNENIYA OKISI ITTRIYA, LEGIROVANNOI FLORIDOM LITIYA.] (1979) Neorganicheskie materialy, 15 (9), pp. 1624-1628.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018522938&partnerID=40&md5=c4c4698f129f59f8743ab9558737d20
	Artyukh, E.P., Volynets, F.K., Udalova, L.V.	LINEAR EXPANSION COEFFICIENT OF KO-5 OPTICAL CERAMIC. (1975) Sov J Opt Technol, 42 (2), pp. 93-94.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0016465281&partnerID=40&md5=c2928ae3c228543ca4265f7db3faac5

352	Šoltéssová, D., Vasylets, G. , Čížmár, E., Botko, M., Cheranovskii, V., Starodub, V., Feher, A.	Exchange interaction between TCNQ and transition metal ion mediated by hydrogen bonds in [Mn(phen)3](TCNQ)2·H2O and [Co(phen)3](TCNQ)2·H2O (2016) Journal of Physics and Chemistry of Solids, 99, pp. 182-188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987887258&doi=10.1016%2Fj.jpcs.2016.08.022&partnerID=40&md5=60949d67e2a4bf44f02daa30e0acff4c
	Vasylets, G.Y. , Khotkevich, A.V., Bukrinev, A.S., Krasnyi, A.S., Starodub, V.A., Kravchenko, A.A., Medvediev, V.V.	Electroconductivity of anion-radical TCNQ salts containing cations [M(bipy)3]2+ (M - Fe, Ni or Zn) (2015) Functional Materials, 22 (3), pp. 338-341.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944529626&doi=10.15407%2Ffm22.03.338&partnerID=40&md5=7a5fb711ccd138111e9fd364f655e7c8
	Vasylets, G. , Starodub, V.A., Potočník, I., Barszcz, B., Graja, A., Metz, H.	Influence of metal ions on the structure and spectral properties of TCNQ salts with tris(phenanthroline) cations (2014) Synthetic Metals, 189, pp. 86-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893046091&doi=10.1016%2Fj.synthmet.2013.12.011&partnerID=40&md5=5f1d88d931d121ab957795885454d97
	Vasylets, G.Y. , Starodub, V.A., Barszcz, B., Graja, A., Medvediev, V.V., Shishkin, O.V., Bukrinev, A.S.	Structure and spectral properties of TCNQ salts with Zn(II) and Ni(II) 2,2'-bipyridine complexes (2014) Synthetic Metals, 191, pp. 89-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896932747&doi=10.1016%2Fj.synthmet.2014.02.020&partnerID=40&md5=e55d1e72743602e035c455ff41af5f29
	Vasylets, G. , Starodub, V.A., Feher, A., Kajnakova, M., Zboril, R., Tucek, J., Metz, H., Potocnak, I.	Magnetic properties of anion-radical salt [FeII(dipy) 3](TCNQ)4·(CH3)2CO (2014) Synthetic Metals, 194, pp. 7-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899834178&doi=10.1016%2Fj.synthmet.2014.04.011&partnerID=40&md5=20709902e34ed9c6cfcd077ec30ec51d
	Lewandowska, K., Barszcz, B., Vasylets, G. , Potočník, I., Starodub, V.A., Graja, A.	Structure and spectral properties of [Fe(dipy) 3](TCNQ) 4·{(H 3C) 2CO} anion-radical salt (2012) Synthetic Metals, 162 (17-18), pp. 1577-1581.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865050146&doi=10.1016%2Fj.synthmet.2012.06.017&partnerID=40&md5=ba4bfb0b106a0cc87abef027b4bc4919
353	Volkova, N.E. , Vorob'ev, L.I.	Genetic analysis of the contributions of individual chromosomes to the expression of mating behavior traits in Drosophila melanogaster (2008) Genetika, 44 (2), pp. 202-208.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48549095458&partnerID=40&md5=57f105a6aad86102e817ad89fffc3c8
	Volkova, N.E. , Vorobyova, L.I.	Genetic analysis of the contributions of individual chromosomes to the expression of mating behavior traits in Drosophila melanogaster (2008) Russian Journal of Genetics, 44 (2), pp. 165-170.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-40749147283&doi=10.1007%2Fs11177-008-2007-1&partnerID=40&md5=de4a0dbb2eabb2d0e3cd1d3cc87a8fb
	Volkova, N.E. , Sheremet, O.Yu., Vorobjova, L.I.	Mating behavior in mutant strains of Drosophila melanogaster at different population densities (2006) Russian Journal of Genetics, 42 (4), pp. 392-396.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33646473975&doi=10.1134%2FS1022795406040053&partnerID=40&md5=d561b744fc0130ec029e39194461053
	Volkova, N.E. , Sheremet, O.I., Vorobieva, L.I.	Mating behavior in mutant strains of Drosophila melanogaster at different population densities (2006) Genetika, 42 (4), pp. 494-500.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33745959851&partnerID=40&md5=c54d751bdf94dad2c3d46ee02bad584
	Volkova, N.E. , Vorobjeva, L.I.	Inheritance features of mating behavior components in Drosophila melanogaster and their significance for fitness (2005) Genetika, 41 (5), pp. 614-619.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-25144442813&partnerID=40&md5=2b7acc8ff148c9118260d29d5e8e4f5b
	Volkova, N.E. , Vorobjova, L.I.	Inheritance features of mating behavior components in Drosophila melanogaster and their significance for fitness (2005) Russian Journal of Genetics, 41 (5), pp. 490-494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20844440356&doi=10.1007%2Fs11177-005-0116-7&partnerID=40&md5=d18b4c0169249f6b1fb67559eb26ea99
354	Kalugin, O.N., Adya, A.K., Volobuev, M.N. , Kolesnik, Y.V.	Solution of solvophilic and solvophobic ions in dimethyl sulfoxide: Microscopic structure by molecular dynamics simulations (2003) Physical Chemistry Chemical Physics, 5 (8), pp. 1536-1546.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344080444&doi=10.1039%2Fb212269c&partnerID=40&md5=f42c7f1410c0bf10fb752783489ae91a
	Kalugin, O.N., Volobuev, M.N. , Kolesnik, Ya.V.	Molecular-dynamic modeling of microstructure and dynamics of ionic solvation in dimethylsulfoxide: Influence of ion charge (2002) Khimicheskaya Fizika, 21 (7), pp. 16-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036419313&partnerID=40&md5=6025eb910ab2df8d491bc74114a8880
	Kolesnik, Ya.V., Kalugin, O.N., Volobuev, M.N.	New algorithm of integrating the equations of movements of rigid multiatom molecules in molecular dynamic method (2001) Khimicheskaya Fizika, 20 (3), pp. 16-22.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035764341&partnerID=40&md5=d5cdeb7cd0f7c8b590dc02dc5291a23
	Adya, A.K., Kalugin, O.N., Volobuev, M.N. , Kolesnik, Y.V.	Microscopic structure of liquid dimethyl sulphoxide and its electrolyte solutions: Molecular dynamics simulations (2001) Molecular Physics, 99 (10), pp. 835-854.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035918614&doi=10.1080%2F00268970010024867&partnerID=40&md5=6acfd7f31a62a7221b76ec39dec510e2
	Kalugin, O.N., Volobuev, M.N. , Ishchenko, A.V., Adya, A.K.	Structure and dynamics of Na+ and Cl- solvation shells in liquid DMSO: Molecular dynamics simulations (2001) Journal of Molecular Liquids, 91 (1-3), pp. 135-148.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035298651&doi=10.1016%2F0167-7322%2800%2F2900155-6&partnerID=40&md5=c308a298c11f28f64851e901245f3b8
	Kalugin, O.N., Volobuev, M.N. , Ishchenko, A.V., Adya, A.K.	Structure and dynamics of Na+ and Cl- solvation shells in liquid DMSO: Molecular dynamics simulations (2000) Journal of Molecular Liquids, 85 (3), pp. 299-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034186940&doi=10.1016%2F0167-7322%2800%2F2989014-5&partnerID=40&md5=acc0c03d75a829fef18af1eeaf7277fb
355	Martynenko, A.V., Yabluchansky, N. , Yabluchansky, A., Verheyden, B., Beckers, F., Aubert, A.E.	Nonlinear analysis of RR and QT variability for cosmonauts data (2011) IFMBE Proceedings, 37, pp. 393-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80555148841&doi=10.1007%2F978-3-642-23508-5_102&partnerID=40&md5=1f74ac98eb9ccb3274ed837d3ebf7f2
	Yabluchansky, N. , Martynenko, A.V., Yabluchansky, A., Verheyden, B., Beckers, F., Aubert, A.E.	Stability analysis of RR and QT variability for cosmonauts data (2011) IFMBE Proceedings, 37, pp. 412-414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80555148856&doi=10.1007%2F978-3-642-23508-5_107&partnerID=40&md5=e48ba57be4b4adfc2e5904613e389d3f1
	Kulik, A.L., Martynenko, A.V., Yabluchansky, N.I.	Biofeedback quality in healthy volunteers in paced breathing algorithm starting from the age physiological norm (2011) IFMBE Proceedings, 37, pp. 408-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80455167987&doi=10.1007%2F978-3-642-23508-5_106&partnerID=40&md5=f64cb882f60810e410f0b7558aaa429e
	Arnold, W.H., Fedorisheva, V.A., Naumova, E.A., Yabluchansky, N.I.	Craniometric measurements of artificial cranial deformations in eastern European skulls (2008) Anthropologischer Anzeiger, 66 (2), pp. 139-146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48849112740&partnerID=40&md5=e49660771abd4de33d7fcb953cbe155e
	Yabluchansky, N. , Kulik, A., Martynenko, A.	Comments on point: counterpoint: "cardiovascular variability is/is not an index of autonomic control of circulation". (2007) Journal of applied physiology (Bethesda, Md. : 1985), 102 (4), p. 1715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249745820&doi=10.1152%2Fjapplphysiol.01193.2006&partnerID=40&md5=8eea3ca7c05a06541c0a1b23f8a3f895
	Yabluchansky, N. , Kulik, A., Martynenko, A.	To the editor [8] (2007) Journal of Applied Physiology, 102 (4), p. 1715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147110454&doi=10.1152%2Fjapplphysiol.01193.2006&partnerID=40&md5=2754c4c4e0e2bd6cfd1c8a8b915b697
356	Yampolsky, A.	Stability of left-invariant totally geodesic unit vector fields on three-dimensional lie groups (2014) Springer Proceedings in Mathematics and Statistics, 72, pp. 167-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927602803&doi=10.1007%2F978-3-319-04675-4_8&partnerID=40&md5=a89b69fe340c56260a62a7ac3419c0e3
	Yampolsky, A.	On geodesics of tangent bundle with fiberwise deformed Sasaki metric over kählerian manifold (2012) Journal of Mathematical Physics, Analysis, Geometry, 8 (2), pp. 177-189.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883778220&partnerID=40&md5=ae59b3fe963d148f60414be0412d1265
	Abbassi, M.T.K., Yampolsky, A.	Transverse totally geodesic submanifolds of the tangent bundle (2004) Publicationes Mathematicae, 64 (1-2), pp. 129-154.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1542321441&partnerID=40&md5=6cfe23854e23b86e97fd16447a2849c6
	Yampolsky, A.	A totally geodesic property of hopf vector fields (2003) Acta Mathematica Hungarica, 101 (1-2), pp. 93-112.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141864456&doi=10.1023%2FB%3aAMHU.0000003895.90745.38&partnerID=40&md5=7e26d5c594cb78864506f9cd4041e1fd
	Yampolsky, A.	On extrinsic geometry of unit normal vector fields of Riemannian hyperfoliations (2003) Publicationes Mathematicae, 63 (4), pp. 555-567.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346901923&partnerID=40&md5=9e493c267f1101c4a468f8412bd93f59
	Yampolsky, A.	On the mean curvature of a unit vector field (2002) Publicationes Mathematicae, 60 (1-2), pp. 131-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036377036&partnerID=40&md5=be3aa085733fe87742bf070c9a8ab887
357	Yegorova, N.P.	Analytical solution of the helmholtz equation for wave beams in free space (2002) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 57 (10-11), pp. 31-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751160581&partnerID=40&md5=35a29b3c9d657872c93e50045a803c52

	Yegorova, N.P.	Propagation of a wave beam over a lossy, highly refractive surface (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 53 (1), pp. 17-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844528611&partnerID=40&md5=3a3238df05599e3e786addee1827ca96
	Yegorova, N.P.	Green's function for the boundary-value problem of wave scattering by a dielectric halfspace at small grazing angles (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 53 (3), pp. 14-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844535524&partnerID=40&md5=717447ec7b5a9c53e5370ffdd0eef2ca
	Yegorova, N.P., Kolchigin, N.N.	The effect of an underlying surface on propagation of wave beams of various spatial structure (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 53 (2), pp. 7-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044432367&partnerID=40&md5=7c3ad4fae6a4377cf2a4cf2064a3741
	Yegorova, N.P.	Comparison of two approaches to solving the problem of diffraction of a wave beam by a planar boundary (1990) Soviet journal of communications technology & electronics, 35 (3), pp. 122-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025210856&partnerID=40&md5=a29560905f6de3c4cd7fda0acebe39ba
	Valitov, R.R., Yegorova, N.P. , Tret'yakov, O.A., Shmat'ko, A.A.	PROPERTIES OF THE PONDEROMOTIVE EFFECT OF AN ELECTROMAGNETIC WAVE. (1977) Radio Eng Electron Phys, 22 (5), pp. 1-5.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0017489945&partnerID=40&md5=68d6d616e9a83a60be78d8437f24f470
	Zholtkevych, G., Mallet, F., Zaretska, I. , Zholtkevych, G.	Two Semantic Models for Clock Relations in the Clock Constraint Specification Language (2013) Communications in Computer and Information Science, 412 CCIS, pp. 190-209.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904745150&doi=10.1007%2F978-3-319-03998-5_10&partnerID=40&md5=63738f9f4552123114203606b98362a9
358	Zaretska, I. , Zholtkevych, G., Zholtkevych, G., Mallet, F.	Clocks model for specification and analysis of timing in real-time embedded systems (2013) CEUR Workshop Proceedings, 1000, pp. 475-489.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923637808&partnerID=40&md5=a7b248a337321b4c95431eb9e861278f
	Zaretska, I. , Kulankhina, O., Mykhailenko, H.	Cross-diagram UML design verification (2013) Communications in Computer and Information Science, 347 CCIS, pp. 165-176.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872419563&doi=10.1007%2F978-3-642-35737-4_10&partnerID=40&md5=294bf04d22473cb0b8fe3b19d2355a7e
	Zaretska, I. , Besedina, M.	Maintainability metrics of UML design (2012) CEUR Workshop Proceedings, 848, pp. 96-101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892580349&partnerID=40&md5=706094db3288ef57467a474b9dff285d
	Zaretska, I. , Kulankhina, O., Mykhailenko, H., Kovalenko, R.	Checking inconsistencies in UML design (2012) CEUR Workshop Proceedings, 848, pp. 33-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892606479&partnerID=40&md5=f5de0564125dcf0c73aed4e1f734c90e
	Solyanik, Y., Vladymyrova, M., Zarets'ka, I. , Zholtkevych, G.	Practice in software engineering course: What and how to study (2011) CEUR Workshop Proceedings, 716, pp. 127-133.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8489040006&partnerID=40&md5=9d2a9cd6d5ada42efc95eb0b0e02ff4
359	Dvorovenko, N.A., Zhernov, S.A. , Martynov, Yu.I., Novikov, V.K., Sirenko, A.F., Chmutov, V.M.	Influence of plastic deformation on the structural and magnetic parameters of alloy Fe + 1.5% Si (1991) Physics of Metals and Metallography, 71 (5), pp. 181-186.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026297149&partnerID=40&md5=d34f42d9f5a4367388209df7ccdf00d
	Omel'yanenko, I.F., Zhernov, S.A. , Nikolov, O.T.	EQUIPMENT FOR STUDYING HIGH TEMPERATURE CREEP WITH ALLOWANCE FOR THE EFFECT OF ULTRASOUND. (1986) Russian Ultrasonics, 16 (4), pp. 75-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022801591&partnerID=40&md5=dc496b60e80b6b120f1cb1e7397b3c6f
	Omel'yanenko, I.F., Zhernov, S.A. , Nikolov, O.T.	SET-UP FOR THE STUDY OF HIGH-TEMPERATURE CREEP INCLUDING THE EFFECT OF ULTRASOUND. (1986) Industrial laboratory, 52 (8), pp. 775-778.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4243547971&partnerID=40&md5=04cfb68c0cde475f94240d2cbf882e34
	Zhernov, S.A. , Omel'yanenko, L.F., Sirenko, A.F.	HIGH-TEMPERATURE CREEP AND RUPTURE OF COPPER EXPOSED TO ULTRASOUND. (1984) Physics of Metals and Metallography, 58 (3), pp. 162-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0021658377&partnerID=40&md5=ffd007d5f792ba10afe0fc0fbaf7bb7
	Zhernov, S.A. , Omel'yanenko, I.F., Sirenko, A.F.	STRUCTURAL CHANGES IN SINGLE CRYSTALS OF COPPER AND ALUMINUM UNDER STATIC AND DYNAMIC STRESSES. (1978) Physics of Metals and Metallography, 46 (1), pp. 177-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018212545&partnerID=40&md5=5934d3b919c352be0fa3f8324954f675
	Omel'yanenko, I.F., Zhernov, S.A.	INFLUENCE OF ULTRASONIC VIBRATIONS ON THE POROSITY AND THE KIRKENDALL EFFECT IN COPPER-NICKEL ALLOYS. (1973) Physics of Metals and Metallography, 36 (2), pp. 201-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015773545&partnerID=40&md5=c181acf4d34ad8f5d165117b8071ac6
360	Gefter, S.L., Stulova, T.E.	Fundamental solution of the simplest implicit linear differential equation in a vector space (2015) Journal of Mathematical Sciences (United States), 207 (2), pp. 166-175.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949625124&doi=10.1007%2F10958-015-2363-z&partnerID=40&md5=a150985b22ca5f0d933855d8f9c41cdc
	Stulova, T.E.	Integral Cauchy Type Representations of Infinite Order Differential Operators in Spaces of Exponential Type Entire Functions Bounded on the Real Axis (2014) Journal of Mathematical Sciences (United States), 198 (6), pp. 828-834.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899456628&doi=10.1007%2F10958-014-1825-z&partnerID=40&md5=93115cb20d058c36fa0dba9c47bac21
	Gefter, S.L., Stulova, T.E.	Vector differential-difference operators of infinite order in spaces of entire functions of exponential type (2014) Journal of Mathematical Sciences (United States), 196 (4), pp. 515-523.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891521446&doi=10.1007%2F10958-014-1672-y&partnerID=40&md5=35fce5cbe941fd58428e48ba11cd859f
	Gefter, S., Stulova, T.	On some vector differential operators of infinite order (2014) Operator Theory: Advances and Applications, 236, pp. 193-203.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958970170&partnerID=40&md5=4ae4a87afadcb2c05923e1f9c385f3e
	Gefter, S., Stulova, T.	On Entire Solutions of Exponential Type for Some Implicit Linear Differential-Difference Equation in a Banach Space (2014) Journal of Mathematical Sciences (United States), 202 (4), pp. 541-545.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922073541&doi=10.1007%2F10958-014-2060-3&partnerID=40&md5=3666c273c08a35c2b4a4b289b6513353
	Gefter, S., Stulova, T.	On solutions of zero exponential type for some inhomogeneous differential-difference equations in a Banach space (2013) Springer Proceedings in Mathematics and Statistics, 54, pp. 253-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893254980&doi=10.1007%2F978-3-642-38830-9_15&partnerID=40&md5=f6ccee4d857c755616f4d293955d7121
361	Zadykowicz, B., Wera, M., Sanin, E.V. , Novikov, A.I., Roshal, A.D., Sikorski, A., Storonik, P., Błazejowski, J.	Global and local interactions in the structure of crystalline 7-(diethylamino)-2-(2-oxo-2H-chromen-3-yl)chromenium perchlorate (2016) Structural Chemistry, 27 (2), pp. 637-649.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961183495&doi=10.1007%2F11224-015-0596-6&partnerID=40&md5=082dadd00611a36fb9765dbbf5e17a0f
	Sanin, E.V. , Novikov, A.I., Roshal, A.D.	Quantum-chemical investigation of the structure and spectral characteristics of 2-(3-Coumaroyl)benzopyrylium cations (2014) Chemistry of Heterocyclic Compounds, 50 (3), pp. 371-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904304548&doi=10.1007%2F10593-014-1485-4&partnerID=40&md5=5b28b778735fe0b56c47eb52c5e0975f
	Sanin, E.V. , Novikov, A.I., Roshal, A.D.	Investigations of solvatochromism of 2-(3-coumaroyl)-benzopyrylium dye and its di-substituted derivatives (2013) Functional Materials, 20 (3), pp. 366-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885082483&partnerID=40&md5=f2234094f6e912be1694fa7565058fdcc
	Tarasenko, O.A., Galunov, N.Z., Panikarskaya, V.D., Sanin, E.V. , Tarasov, V.A., Volkov, V.L.	Luminescence energy yields of organic solid materials excited by photons of light or gamma-radiation (2012) Functional Materials, 19 (3), pp. 404-409.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868699543&partnerID=40&md5=662e0a08ee2aed5fd37a7d3f9b85878b
	Tykhonov, D.A., Sanin, E.V. , Serikova, I.I., Yaremenko, F.G., Roshal, A.D.	Cinnamoyl pyrones in proton-donating media: Electronic structure and spectral properties of protolytic forms (2011) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 83 (1), pp. 221-230.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054048061&doi=10.1016%2Fj.saa.2011.08.022&partnerID=40&md5=1ae0736fa1c434d3488d1d887ca0b326
	Tykhonov, D.O., Sanin, E.V. , Grygorovych, O.V., Serikova, I.I., Yaremenko, F.G., Roshal, A.D.	Photophysical and photochemical processes in cinnamoyl pyrones: Influence on spectral properties and photostability (2011) Functional Materials, 18 (3), pp. 339-347.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856728186&partnerID=40&md5=1772575c340cf68164cc0b86c2ae4f37
362	Belkin, E.V. , Kirichok, A.V., Kuklin, V.M., Pryimak, A.V., Zagorodny, A.G.	Dynamics of ions during development of parametric instability of Langmuir waves (2013) Problems of Atomic Science and Technology, (4), pp. 260-266.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881608833&partnerID=40&md5=09f946439f04971cf0d2a82f5c973342
	Belkin, E.V. , Gushchin, I.V., Kirichok, A.V., Kuklin, V.M.	Structural transitions in the model of proctor-sivashinsky (2010) Problems of Atomic Science and Technology, (4), pp. 296-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149475262&partnerID=40&md5=ac160b757968114db8d5e6bfa25ce0b6

	Belkin, E.V. , Kirichok, A.V., Kuklin, V.M.	Modulation instability of waves driven by external source in damped medium (2010) Problems of Atomic Science and Technology, (4), pp. 291-295.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149471747&partnerID=40&md5=d89037ce727c27bd7a835e00568f3dcd
	Belkin, E.V. , Kirichok, A.V., Petrenko, A.S.	Maser pumping of modulationally unstable wave in plasma (2010) Problems of Atomic Science and Technology, (4), pp. 299-301.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149492488&partnerID=40&md5=7bcf8fb3ded1becfd93e2174844b451d
	Belkin, E.V. , Kuklin, V.M.	Analysis of the modulation instability model (2008) TCSET 2008 - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the International Conference, статья № 5423516, pp. 284-285.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951265837&partnerID=40&md5=37985ddf3b54ff06f8cea6bc3a3e842
	Belkin, E.V. , Kirichok, A.V., Kuklin, V.M.	On interference effects in multimode regimes of modulation instability (2008) Problems of Atomic Science and Technology, (4), pp. 222-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549245861&partnerID=40&md5=7bfe7790626603711f9905db2f9698cc
363	Borisova, N.M. , Gorshenkov, M.V., Koval', A.A., Mozil', K.A., Khovailo, V.V., Shurinova, E.V.	Structural and magnetic size effects in nanodisperse ZnFe ₃ - xO ₄ ferrite systems (2014) Physics of the Solid State, 56 (7), pp. 1334-1337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903903120&doi=10.1134%2F1063783414070051&partnerID=40&md5=e9574cc68290808b2142cad1394a5b02
	Shein, V.O., Van'kevich, A.V., Borisova, N.M. , Anders, A.G.	Shape of the ferromagnetic resonance absorption band of textured powder samples of maghemite (2011) Physics of the Solid State, 53 (12), pp. 2450-2454.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82955225197&doi=10.1134%2F1063783411120225&partnerID=40&md5=b1bb4dd88d711db7cb8c3665fd7e95f5
	Ol'khovik, L.P., Borisova, N.M. , Golubenko, Z.V., Sizova, Z.I., Kamzin, A.S.	Technology of ultrathin flaky particles of hexagonal ferrites for broad spectrum of applications (2010) Technical Physics Letters, 36 (8), pp. 756-758.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956294955&doi=10.1134%2F1063785010080237&partnerID=40&md5=b4cb1701dcfd43bf2b2083a3ad9499d0
	Ol'khovik, L.P., Khvorov, M.M., Borisova, N.M. , Golubenko, Z.V., Sizova, Z.I., Shurinova, E.V.	The influence of interparticle interaction on magnetization curves of nano- and microcrystal ensembles (2003) Physics of the Solid State, 45 (4), pp. 675-680.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037736462&doi=10.1134%2F1.1569005&partnerID=40&md5=b1dddf6b81b4f0ff45c1bb436aa726
	Ol'khovik, L.P., Borisova, N.M. , Kamzin, A.S., Fisenko, O.G.	Radiothermal synthesis of fine barium ferrite powders and their properties (1996) Journal of Magnetism and Magnetic Materials, 154 (3), pp. 365-368.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030143513&doi=10.1016%2F0304-8853%2895%2900593-5&partnerID=40&md5=1887df88f6f8e77008ced18761c37bc
	Borisova, N.M. , Golubenko, Z.V., Kuz'micheva, T.G., Ol'khovik, L.P., Shabatin, V.P.	Optimization principles for preparation methods and properties of fine ferrite materials (1992) Journal of Magnetism and Magnetic Materials, 114 (3), pp. 317-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0027109229&doi=10.1016%2F0304-8853%2892%2990274-R&partnerID=40&md5=62f310403744442b3f662cf3220702b8
364	Gavriluyk, Y.M., Gangapshv, A.M., Zhanatueva, D.A., Kazalov, V.V., Kuz'minov, V.V., Panasenko, S.I., Ratkevich, S.S., Efendiev, K.V. , Yakimenko, S.P.	Results of experiments devoted to searches for 2K capture on 78Kr and for the double-beta decay of 136Xe with the aid of proportional counters (2013) Physics of Atomic Nuclei, 76 (9), pp. 1063-1071.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884521687&doi=10.1134%2F1063778813090068&partnerID=40&md5=30102f1d8ec300b9533930e41f221758
	So, J.H., Kim, H.J., Alenkov, V.V., Annenkov, A.N., Bhang, H., Boiko, R.S., Buzanov, O.A., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V. , Enssg, C., Fleischmann, A., Gangapshv, A.M., Gastaldo, L., Gavryluk, Yu.M., Gezhaev, A.M., Hwang, Y.S., Jang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, G.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychiev, V.V., Kornoukhov, V.N., Kuzminov, V.V., Lee, H.J., Lee, H.S., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Mokina, V.M., Myung, S.S., Nikolaiko, A.S., Olsen, S.L., Panasenko, S.I., Poda, D.V., Podvianuk, R.B., Polischuk, O.G., Polozov, P.A., Ratkevich, S.S., Satou, Y., Tanida, K., Tretyak, V.I., Yakimenko, S.P., Yoon, W.S., Yue, Q., Yuryev, Y.N.	A study of CaMoO ₄ crystals for the AMoRE Experiment (2012) IEEE Nuclear Science Symposium Conference Record, статья № 6551459, pp. 1987-1990.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881566460&doi=10.1109%2FNSMIC.2012.6551459&partnerID=40&md5=b097a3bc8954bb39308780a12ba30529
	Bhang, H., Boiko, R.S., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V. , Enss, C., Fleischmann, A., Gangapshv, A.M., Gastaldo, L., Gezhaev, A.M., Hwang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, H.J., Kim, K.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychiev, V.V., Kornoukhov, V.N., Kuzminov, V.V., Mokina, V.M., Lee, H.S., Lee, J.I., Lee, J.M., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Li, X., Myung, S.S., Nikolaiko, A.S., Olsen, S., Panasenko, S.I., Park, H., Poda, D.V., Podvianuk, R.B., Polischuk, O.G., Polozov, P.A., Ratkevich, S.S., Satou, Y., So, J.H., Tanida, K., Tretyak, V.I., Yakimenko, S.P., Yue, Q., Yuryev, Y.	AMoRE experiment: A search for neutrinoless double beta decay of 100Mo isotope with 40Ca 100MoO ₄ cryogenic scintillation detector (2012) Journal of Physics: Conference Series, 375 (PART 4), статья № 042023, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864981969&doi=10.1088%2F1742-6596%2F375%2F1%2F042023&partnerID=40&md5=9e16430dc0886ea3cf3b69609b74bb2
	So, J.H., Kim, H.J., Alenkov, V.V., Annenkov, A.N., Bhang, H., Boiko, R.S., Buzanov, O.A., Chernyak, D.M., Choi, J.H., Choi, S., Danevich, F.A., Efendiev, K.V. , Gangapshv, A.M., Gavryluk, Y.M., Gezhaev, A.M., Hwang, Y.S., Jiang, H., Kang, W.G., Kazalov, V.V., Khanbekov, N.D., Kim, G.B., Kim, S.K., Kim, S.C., Kim, Y.D., Kim, Y.H., Kobychiev, V.V., Kornoukhov, V.N., Kuzminov, V.V., Lee, H.S., Lee, J.I., Lee, J.M., Lee, K.B., Lee, M.J., Lee, M.K., Lee, S.J., Li, J., Li, X., Myung, S.S., Nikolaiko, A.S., Olsen, S., Park, H., Panasenko, S.I., Poda, D.V., Podvianuk, R.B., Polischuk, O.G., Ratkevich, S.S., Satou, Y., Tanida, K., Tretyak, V.I., Yakimenko, S.P., Yue, Q.	Scintillation properties and internal background study of 40Ca 100MoO ₄ crystal scintillators for neutrino-less double beta decay search (2012) IEEE Transactions on Nuclear Science, 59 (5 PART 2), статья № 6236260, pp. 2214-2218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867574855&doi=10.1109%2FTNS.2012.2200908&partnerID=40&md5=1cea69789849cad18c51fa827db53674
	Khokonov, M.Kh., Efendiev, K.V.	High energy limit of single photon channeling radiation spectrum (2006) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 252 (1), pp. 36-43.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750454799&doi=10.1016%2Fj.nimb.2006.05.025&partnerID=40&md5=6105d26e31bd29bca357a17d2a7a2ab
	Khokonov, A.Kh., Khokonov, M.Kh., Efendiev, K.V.	Orientation dependence of the incoherent radiation yield in crystals (2005) Technical Physics, 50 (10), pp. 1343-1347.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-26444479626&doi=10.1134%2F1.2103283&partnerID=40&md5=a282e0b36273dc31aced5a879f6ae6b

365	Merkulova, T., Kononova, K.	Environmental management: Emission control instruments (2016) Quality - Access to Success, 17, pp. 497-503.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961684148&partnerID=40&md5=fda668bfd3a1fc66c48e81c3a04731ec
	Merkulova, T., Bitkova, T., Kononova, K.	Tax factors of sustainable development: System dynamics approach towards tax evasion analyses (2016) Rivista di Studi sulla Sostenibilit�, (1), pp. 35-47.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994430013&partnerID=40&md5=4a22b08448a99b3f724f26f2a517fe29
	Kononova, K.	Some aspects of ICT measurement: Comparative analysis of e-indexes (2015) CEUR Workshop Proceedings, 1498, pp. 938-945.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955497809&partnerID=40&md5=6927fc98e22c65496f4315cd308b2567
	De Angelis, M.C., Kononova, K.	Anthropocentric approach, food lifestyles and well-being sustainability (2015) Rivista di Studi sulla Sostenibilit�, (2), pp. 31-44.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958607893&partnerID=40&md5=fbcfbaccb698b7e63262fa7c1a8928be
	Kononova, K. , Lopez-Sanchez, M.	Evolutionary processes in economics: Multi-agent model of macrogenerations dynamics (2013) Frontiers in Artificial Intelligence and Applications, 256, pp. 311-315.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894786571&doi=10.3233%2F978-1-61499-320-9-311&partnerID=40&md5=263a39733fab10c90ea7673bffe5d43
	Kononova, K.	Information society: Statistical profiles and development stages (2013) Contributions to Economics, pp. 157-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865444774&doi=10.1007%2F978-3-7908-2873-3_11&partnerID=40&md5=1b6fc3ac8f9ba9f44e3415d0ba2fccf
365	Moroz, V.V. , Chalyi, A.G., Serdiuk, I.E., Roshal, A.D., Zadykowicz, B., Pivovarenko, V.G., Wr�blewska, A., Bl�zejowski, J.	Tautomerism and behavior of 3-hydroxy-2-phenyl-4H-chromen-4-ones (flavonols) and 3,7-dihydroxy-2,8-diphenyl-4H,6H-pyrano[3,2-g]chromene-4,6-diones (Diflavonols) in basic media: Spectroscopic and computational investigations (2013) Journal of Physical Chemistry A, 117 (38), pp. 9156-9167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884949614&doi=10.1021%2Fjp403487w&partnerID=40&md5=8e0765d860deb337148edf2909a27c78
	Kalugin, O.N., Agieienko, V.N., Otroshko, N.A., Moroz, V.V.	Ionic association and solvation in solutions of magnesium and nickel perchlorates in acetonitrile (2009) Russian Journal of Physical Chemistry A, 83 (2), pp. 231-237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59849089939&doi=10.1134%2F5003602440809020150&partnerID=40&md5=a49375255c5a5947b800fe5ecd8b24e
	Moroz, V.V. , Chalyi, A.G., Roshal, A.D.	The properties of 4'-N,N-dimethylamino flavonol in the ground and excited states (2008) Russian Journal of Physical Chemistry A, 82 (9), pp. 1464-1469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50249182829&doi=10.1134%2F50036024408090100&partnerID=40&md5=81025e2a6b4476e93f6b4a60664fb4a
	Skoblo, T.S., Vlasovets, V.M., Moroz, V.V.	The structure and distribution of the components in the working layer upon parts arc spraying metallizing reconditioning (2001) Metallovedenie i Termicheskaya Obrabotka Metallov, (12), pp. 26-29.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035550768&partnerID=40&md5=585234c1df301ce50218747111fc99ac
	Skoblo, T.S., Vlasovets, V.M., Moroz, V.V.	Structure and distribution of components in the working layer upon reconditioning of parts by electric-arc metallization (2001) Metal Science and Heat Treatment, 43 (11-1), pp. 497-500.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035511219&partnerID=40&md5=a99cec3c5caf91baf6b96f481f4311
	Mudrova, A.G., Gorbunov, N.S., Medko, E.K., Moroz, V.V.	Corrosion-resistant coatings on copper obtained by contact eutectic fusion (1979) Metal Science and Heat Treatment, 21 (3), pp. 220-223.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018446972&doi=10.1007%2FBF00774767&partnerID=40&md5=77378fad3df13ee46c9fcae64c49a7a
	Dubovoj, V.K. , Fritzsche, B., Kirstein, B., Lasarow, A.	On the Weyl matrix balls associated with the matricial Schur problem in the nondegenerate and degenerate cases (2008) Complex Analysis and Operator Theory, 2 (1), pp. 29-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43449128135&doi=10.1007%2F11785-007-0030-1&partnerID=40&md5=601d87948af702b1f74b967d07f97161
366	Dubovoj, V.K. , Fritzsche, B., Kirstein, B.	On spectrally associated Schur functions, Arov-inner functions and a Nehari-type completion problem for Schur functions (1993) Integral Equations and Operator Theory, 17 (2), pp. 247-276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041192086&doi=10.1007%2BF01200219&partnerID=40&md5=1edccded1903fd69fd5ea958aa291a5
	Dubovoj, V.K. , Mohammed, R.K.	Defect Functions of Holomorphic Contractive Matrix Functions, Regular Extensions and Open Systems (1993) Mathematische Nachrichten, 160 (1), pp. 69-110.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-20444361861&doi=10.1002%2Fmana.3211600105&partnerID=40&md5=4158e31bec2616884a5c11bd21418235
	Dubovoj, V.K. , Fritzsche, B., Fuchs, S., Kirstein, B.	A Schur Type Matrix Extension Problem. VII (1993) Mathematische Nachrichten, 160 (1), pp. 111-147.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985383292&doi=10.1002%2Fmana.3211600106&partnerID=40&md5=c41dd81b37cbe3df7893a6d12b820726
	Reznikov, G.D., Sal'nikov, V.M., Dubovoj, V.K. , Silaev, S.V., Karachevtsev, V.G.	Quantitative morphological analysis of microporous membrane structure (1992) Kolloidnyi Zhurnal, 54 (2), pp. 148-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026835989&partnerID=40&md5=10ae0f3bf94f727375a076dc5252ec84
	Dubovoj, V.K. , Fritzsche, B., Kirstein, B.	On a Class of Matrix Completion Problems (1989) Mathematische Nachrichten, 143 (1), pp. 211-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985372522&doi=10.1002%2Fmana.19891430117&partnerID=40&md5=7283d665c565268a19e9e0066c9e737b
367	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M. , Marynin, A.I., Zozulia, O.S.	Formation and ageing of the fullerene C<inf>60</inf> colloids in polar organic solvents (2017) Journal of Molecular Liquids, 235, pp. 98-103.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018794120&doi=10.1016%2Fj.molliq.2016.10.113&partnerID=40&md5=79672bc993f98f999f6ee11b20cedd2
	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M. , Marynin, A.I.	Interaction of C<inf>60</inf> aggregates with electrolytes in acetonitrile (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 516, pp. 345-353.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008195329&doi=10.1016%2Fj.colsurfa.2016.12.035&partnerID=40&md5=edc5eb009f05860b363d1e852933bad
	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M. , Marynin, A.I., Shekhovtsov, S.V.	The peculiar behavior of fullerene C<inf>60</inf> in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems (2016) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 509, pp. 631-637.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&doi=10.1016%2Fj.colsurfa.2016.09.045&partnerID=40&md5=bcf1353172f9b66b519b30855bf04cf
	McHedlov-Petrosyan, N.O., Al-Shuuchi, Y.T.M. , Kamneva, N.N., Marynin, A.I., Klochov, V.K.	Interactions of Nanosized Aggregates of Fullerene C<inf>60</inf> with Electrolytes in Methanol: Coagulation and Overcharging of Particles (2016) Langmuir, 32 (39), pp. 10065-10072.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990046294&doi=10.1021%2Facs.langmuir.6b02533&partnerID=40&md5=34abb6df0d48cb91177898a78bf5ce27
	Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M. , Marynin, A.I., Zozulia, O.S., Kryshal, A.P., Klochov, V.K., Shekhovtsov, S.V.	Towards better understanding of C<inf>60</inf> organosols (2016) Physical Chemistry Chemical Physics, 18 (4), pp. 2517-2526.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&doi=10.1039%2Fcp06806a&partnerID=40&md5=d94af8762e2d217a8bead445f414866
368	Antufyev, O. , Pavlenko, I., Girka, I.	Drift resonance and particle removal from helical plasma (2015) Problems of Atomic Science and Technology, 95 (1), pp. 12-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923165882&partnerID=40&md5=0eeef0758d70764381e9838f50d53cb1
	Shishkin, A.A., Antufyev, A.Yu. , Motojima, O., Sagara, A.	Removal of cold alpha particles from helical device for fusion (2006) Fusion Engineering and Design, 81 (23-24), pp. 2737-2742.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846012531&doi=10.1016%2Fj.fusengdes.2006.07.039&partnerID=40&md5=f63ee12f874a3af19ebac72749a2ba
	Grekov, D.L., Stepanov, K.N., Antufyev, O.Yu. , Shishkin, A.A.	Comments on "Removal of Impurity Ions from Helical Devices by a Trapping/Detrapping Process" (2006) Fusion Science and Technology, 49 (1), pp. 86-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-31344433371&partnerID=40&md5=a5c1c114780c8b947f2794f3a64730
	Antufyev, O.Yu. , Shishkin, A.A., Kononenko, Z.S.	Electromagnetic field effect on impurity ion transport in helical plasma (2005) 32nd EPS Conference on Plasma Physics 2005, EPS 2005, Held with the 8th International Workshop on Fast Ignition of Fusion Targets - Europhysics Conference Abstracts, 2, pp. 1550-1553.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873399208&partnerID=40&md5=aa9445ced1285f52cd5e7266cff79773
	Antufyev, O.Yu. , Shishkin, A.A.	Removal of impurity IONS from helical devices by a trapping/detrapping process (2004) Fusion Science and Technology, 46 (2), pp. 312-317.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-6444228729&partnerID=40&md5=e643be54c347a75ceb22787e80a3219
369	Ashenko, A.A. , Nemchenko, K.E.	The evidence of the existing and the parameters of the second region of water dipole relaxation (2005) Journal of Molecular Liquids, 120 (1-3), pp. 91-93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144407292&doi=10.1016%2Fj.molliq.2004.07.042&partnerID=40&md5=a3cd52a172580713185b77d6aa7a3c1e

	Asheko, A.A.	Dielectric spectrometer in the microwave band for the liquids with small absorption (2004) Fifth International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves - Symposium Proceedings, MSMW04, 2, pp. 785-787.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-14544281526&partnerID=40&md5=dba30eddf3df0d7d8f0460449b52925
	Asheko, A.A., Nemchenko, K.E.	Relaxation parameters in the main dispersion range of water (2003) Journal of Molecular Liquids, 105 (2-3), pp. 295-298.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037693129&doi=10.1016%2FS0167-7322%2803%2900071-0&partnerID=40&md5=269788c43a0d8867a595c3e6b070f768
	Asheko, A.A., Moroz, V.V.	Dielectric spectrometer for the liquids with strong absorption in the millimetre wave band (2001) 4th International Kharkov Symposium "Physics and Engineering of Millimeter and Sub-Millimeter Waves", MSMW 2001 - Symposium Proceedings, 2, статья № 947322, pp. 817-819.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966480006&doi=10.1109%2FMSMW.2001.947322&partnerID=40&md5=5a509463baa17952ea07d08b787be776
	Krasnoperova, A.P., Asheko, A.A.	Dielectric constant and characteristic features of the structure of methanol and ethanol (1978) Journal of Structural Chemistry, 18 (5), pp. 760-762.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250286137&doi=10.1007%2FBF00746119&partnerID=40&md5=3c475e3ff6c1a617226713d6ebf19018
370	Mysiura, I., Kalantaryan, O., Kononenko, S., Zhurenko, V., Chishkala, V., Azarenkov, M.	Ukrainian amber luminescence induced by X-rays and ultraviolet radiation (2017) Journal of Luminescence, 188, pp. 319-322.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018402652&doi=10.1016%2Fj.jlumin.2017.04.045&partnerID=40&md5=967fb7af3be405ebbea6bb844ce0cb0d
	Rudych, V.G., Azarenkov, M.O. , Girk, I.O., Rudych, Y.V., Shchus, O.P.	Contribution of radionuclides to heat release in the process of SNF dry storage (2017) Problems of Atomic Science and Technology, 108 (2), pp. 91-96.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019080636&partnerID=40&md5=744511e24ae4b64f70dbf63680d2add
	Borgun, I.V., Azarenkov, M.O. , Hassanein, A., Tseluyko, O.F., Maslov, V.I., Ryabchikov, D.L.	The formation of a power multi-pulse extreme ultraviolet radiation in the pulse plasma diode of low pressure (2013) Acta Polytechnica, 53 (2), pp. 117-122.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877300588&partnerID=40&md5=a61c7517f68bcd319e5088feb1d88c3f
	Zagorodny, A.G., Neklyudov, I.M., Azarenkov, M.O. , Egorov, O.M., Stepanov, K.M., Karas', V.I., Voitsenya, V.S., Garkusha, I.Y., Girk, I.O., Zasenko, V.I., Pankratov, I.M.	Yevgen dmytrovych volkov (2012) Ukrainian Journal of Physics, 57 (5), pp. 584-585.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861840705&partnerID=40&md5=f2e5bfa6970d2ee7308d994920f35431
	Bobkov, V., Azarenkov, M. , Bizyukov, O., Bobkov, V.I.V., Noterdame, J.-M., Wilhelm, R.	Development of coatings to improve RF voltage stand-off (2003) Surface and Coatings Technology, 174-175, pp. 176-180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042858388&doi=10.1016%2FS0257-8972%2803%2900409-2&partnerID=40&md5=0a657078350105da5d44b2637be197e
371	Rokhmanov, N.Ya., Sirenko, A.F., Bakharev, S.A.	Thermal expansion of cementite in hypereutectoid iron-carbon alloy (1997) Prikladnaya Mekhanika, 33 (4), pp. 6-9.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031119784&partnerID=40&md5=60cdc29f03f8e2f9ee987ffdc10081
	Rokhmanov, N.Ya., Sirenko, A.F., Bakharev, S.A.	Thermal expansion of cementite in hypereutectoid iron - Carbon alloy (1997) Metal Science and Heat Treatment, 39 (1-2), pp. 7-10.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040512914&partnerID=40&md5=e6741489138813417803af27aff34b1
	Bakharev, S. , Gordeev, S., Ivanchenko, L., Popov, V., Sirenko, V.	Elastic interactions study during formation of superconducting phases (1994) Physica C: Superconductivity and its applications, 235-240 (PART 2), pp. 1271-1272.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-43949158974&doi=10.1016%2F0921-4534%2894%2991860-0&partnerID=40&md5=a4d794e06e847e5c825449a64fd1a8ff
	Kuznetsova, R.I., Poyda, V.P., Letyago, L.M., Bakharev, S.A.	DEVELOPMENT OF POROSITY AND FAILURE DURING SUPERPLASTIC FLOW OF ALLOY Al-4 wt. %Cu. (1982) Physics of Metals and Metallography, 54 (6), pp. 130-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020225968&partnerID=40&md5=c24ee8c034fa8c51149dc0b721ac887f
	Badiyan, Ye.Ye., Bakharev, S.A.	STRUCTURAL CHANGES WHICH ACCOMPANY THE PLASTIC DEFORMATION OF LEAD SINGLE CRYSTALS. (1981) Physics of Metals and Metallography, 51 (6), pp. 130-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019650030&partnerID=40&md5=9ca8e3c357075afa02a3b6c2c1bd1118
372	Bezruk, V.M., Chebota'yova, D.V.	Optimal decision making when planning mobile communication networks taking into account a set of quality factors (2015) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 74 (18), pp. 1635-1649.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959018233&doi=10.1615%2FtelecomRadEng.v74.i18.40&partnerID=40&md5=0bba004f668df1f2772d6c3cf2ec199c
	Bezruk, V.M., Chebota'yova, D.V.	Multicriteria optimization of design variants when planning of mobile telecommunications networks (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652920, pp. 494-495.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891127614&partnerID=40&md5=9d11adf558ce9a5e4ae2180a30f1d8
	Bezruk, V.M., Chebota'reova, D.V.	Models of the traffic in mobile communication network (2012) Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 11th International Conference, TCSET2012, статья № 6192536, p. 255.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861349618&partnerID=40&md5=d202152f71c2aea490c182b4b0284c6d
	Bezruk, V.M., Chebota'yova, D.V. , Anishchenko, A.V.	Automatic control of radio communication networks design (2009) Telecommunications and Radio Engineering (English translation of Elektrosyaz and Radiotekhnika), 68 (5), pp. 429-444.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67549093213&doi=10.1615%2FtelecomRadEng.v68.i5.60&partnerID=40&md5=f044e087c495be4955497ef8c8ba49048
	Bezruk, V., Chebota'riova, D.	Multicriteria optimization of projects solutions using performance characteristics method when planning mobile communication networks (2008) TCSET 2008 - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the International Conference, статья № 5423356, pp. 412-413.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951284531&partnerID=40&md5=3fc79d70c7357d0234ffa88262aad975
373	Mchedlov-Petrosyan, N.O., Laguta, A.N., Shekhovtsov, S.V., Elitsov, S.V., Chepesh, T.A. , Omelchenko, I.V., Shishkin, O.V.	3,3'-Dinitrophenolsulphonephthalein: an acid-base indicator dye with unusual properties (2017) Coloration Technology, 133 (2), pp. 135-144.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&doi=10.1111%2Fcolor.12254&partnerID=40&md5=9275083beb893ea66ba1c40a0a8a2849
	Mchedlov-Petrosyan, N.O., Chepesh, T.A. , Vodolazkaya, N.A.	Acid-base dissociation and tautomerism of two aminofluorescein dyes in solution (2017) Journal of Molecular Liquids, 225, pp. 696-705.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&doi=10.1016%2Fj.molliq.2016.10.121&partnerID=40&md5=ed2ac7745cc758f31c701c307cb15945
	Mchedlov-Petrosyan, N.O., Chepesh, T.A. , Shekhovtsov, S.V., Redko, A.N., Rybachenko, V.I., Omelchenko, I.V., Shishkin, O.V.	Ionization and tautomerism of methyl fluorescein and related dyes (2015) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 150, статья № 13704, pp. 151-161.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&doi=10.1016%2Fj.saa.2015.05.037&partnerID=40&md5=8fc3d020c32ce1010c85b6d30cca38b5
	Chepesh, T.A. , Zagorulk, E.S., Mchedlov-Petrosyan, N.O., Rodik, R.V., Kalchenko, V.I.	The difference between the aggregates of short-tailed and long-tailed cationic calix[4]arene in water as detected using fluorescein dyes (2014) Journal of Molecular Liquids, 193, pp. 232-238.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892934413&doi=10.1016%2Fj.molliq.2013.12.049&partnerID=40&md5=b9d3a0b47d320ea4c7ebd0e20b69a357
	Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Rodik, R.V., Bogdanova, L.N., Chepesh, T.A. , Soboleva, O.Y., Kryshal, A.P., Kutuzova, L.V., Kalchenko, V.I.	Colloidal nature of cationic calix[6]arene aqueous solutions (2012) Journal of Physical Chemistry C, 116 (18), pp. 10245-10259.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&doi=10.1021%2Fjp210405s&partnerID=40&md5=dd98c6515df18bc5b3aca5916d75edde
374	Davydov, O.I.	Applying the efficient market hypothesis in enterprise value management (2016) Actual Problems of Economics, 182 (8), pp. 8-15.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987925065&partnerID=40&md5=4fb20cf93acafb2070d9b68e7f4820d2
	Davydov, O.I.	Criterion for enterprise market value maximization: Feasibility of application in management (2015) Actual Problems of Economics, 174 (12), pp. 157-167.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959331706&partnerID=40&md5=f8ddf355697110c2d5befb11f7618070
	Davydov, O.I.	A conceptual approach to goal-setting in enterprise value management (2015) Actual Problems of Economics, 173 (11), pp. 181-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950982378&partnerID=40&md5=a276835caa119144dd0cf9f151f56244
	Davydov, O.I.	Enterprise value increase as a target management criterion (2014) Actual Problems of Economics, 159 (9), pp. 186-195.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84917673751&partnerID=40&md5=60de941aa6086ad7f456354d1ca78a57

	Davydov, O.I.	Enterprise value as an economic category (2014) Actual Problems of Economics, 155 (5), pp. 8-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906076298&partnerID=40&md5=7f0374abeb9f28b7cf893050ffc87a2a
375	Belskaya, I.N., Fornasier, S., Tozzi, G.P., Gil-Hutton, R., Cellino, A., Antonyuk, K., Krugly, Y.N., Dovgopol, A.N. , Faggi, S.	Refining the asteroid taxonomy by polarimetric observations (2017) Icarus, 284, pp. 30-42.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994798384&doi=10.1016%2fj.icarus.2016.11.003&partnerID=40&md5=75c05d182b9ce269ae4d8f01e4cb84a5
	Belskaya, I.N., Barucci, M.A., Fulchignoni, M., Dovgopol, A.N.	Updated taxonomy of trans-neptunian objects and centaurs: Influence of albedo (2015) Icarus, 250, pp. 482-491.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921720611&doi=10.1016%2fj.icarus.2014.12.004&partnerID=40&md5=01c73b3ccd053f00024d36cfce74d6a8
	Dovgopol, A.N. , Krugly, Yu.N., Shevchenko, V.G.	Asteroid 126 Velleda: Rotation period and magnitude-phase curve (1996) Acta Astronomica, 42 (1), pp. 67-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030470097&partnerID=40&md5=482efd2e04389e7b72714acf12c5b510
	Belskaya, I.N., Lupishko, D.F., Dovgopol, A.N.	Near-Earth asteroids: Surface structure and shapes (1996) Earth, Moon and Planets, 72 (1-3), pp. 215-218.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029776236&partnerID=40&md5=6355ba566ddf981156eb167379768d33
	Shevchenko, V.G., Chiornij, V.G., Krugly, Yu.N., Lupishko, D.F., Mohamed, R.A., Velichko, F.P., Michalowski, T., Avramchuk, V.V., Dovgopol, A.N.	Photometry of seventeen asteroids (1992) Icarus, 100 (2), pp. 295-306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0006177856&doi=10.1016%2f0019-1035%2892%2990102-D&partnerID=40&md5=c30d27d56fbee828aa238afd2979be3
376	Gnezdechko, O.N., Leontieva, T.I., Filippova, O.V.	English language identity representation through conflict interaction (2015) Mediterranean Journal of Social Sciences, 6 (5S3), pp. 147-153.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942420236&doi=10.5901%2fmjss.2015.v6n5s3p147&partnerID=40&md5=dc2f4d60b87ca6f77f5b190c0f0d6b6c6
	Owczarzak, J., Phillips, S.D., Filippova, O. , Alpatova, P., Mazhnaya, A., Zub, T., Aleksanyan, R.	A "Common Factors" Approach to Developing Culturally Tailored HIV Prevention Interventions (2015) Health Education and Behavior, 43 (3), pp. 347-357.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84967205146&doi=10.1177%2f1090198115602665&partnerID=40&md5=9fc7fa9c53cb4be4e42bc83a7e66891
	Owczarzak, J., Filippova, O. , Phillips, S.D.	A novel, bottom-up approach to promote evidence-based HIV prevention for people who inject drugs in Ukraine: Protocol for the MICT ('Bridge') HIV prevention exchange project (2014) Implementation Science, 9 (1), статья № 18, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893183211&doi=10.1186%2f1748-5908-9-18&partnerID=40&md5=2d86b6ebf2c58923db1720e69df5770
	Filippova, O.	Anti-orange discourses in Ukraine's internet: Before the orange split (2007) Journal of Communist Studies and Transition Politics, 23 (1), pp. 138-151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947574498&doi=10.1080%2f135232701194912&partnerID=40&md5=53bb424052e91f8559867ad23abdd5608
	Kazmina, O., Filippova, O.	Re-imagination of religion in Post-Soviet Society: Challenges and responses (Russian and Ukrainian case studies) (2005) Journal of the American Academy of Religion, 73 (4), pp. 1049-1076.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34347312989&doi=10.1093%2fjaar%2f114&partnerID=40&md5=0bda3429155b4755008ba29c5a265e0
	Taras, R., Filippova, O. , Pobeda, N.	Ukraine's transnationals, far-away locals and xenophobes: The prospects for Europeaness (2004) Europe - Asia Studies, 56 (6), pp. 835-856.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4544245870&doi=10.1080%2f0966813042000258060&partnerID=40&md5=712e3207c40c2a186dc10f2f95e109e
	Vagin, V.N., Klislin, V.V., Filippova, O.V.	Hierarchical frame-production knowledge representation model for a designed machine-building component designed machine-building component (1992) Soviet journal of computer and systems sciences, 30 (4), pp. 44-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026896940&partnerID=40&md5=13dc618fef03a2f6bb4ec12ec0c971f
	Vagin, V.N., Klislin, V.V., Filippova, O.V.	Hierarchical model representation of knowledge about the object of design in mechanical engineering (1991) Izvestiya Akademii Nauk: Tekhnicheskaja Kibernetika, (3), pp. 184-191.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026159922&partnerID=40&md5=d3be1b45a6d25f9668394cea5da0f5fd
377	Artukh, A.G., Sereda, Yu.M., Klygin, S.A., Kononenko, G.A., Teterov, Yu.G., Vorontsov, A.N., Kaminski, G., Erdemchimeg, B., Ostashko, V.V., Pavlenko, Yu.N., Litovchenko, P.G., Kovtun, V.E., Koshchii, E.I., Foshchan, A.G. , Kislukha, D.A.	The COMBAS fragment separator (2011) Instruments and Experimental Techniques, 54 (5), pp. 668-681.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80955137930&doi=10.1134%2fS0020441211050022&partnerID=40&md5=d422754c8c7f14ca15e5982f8b7553df
	Isupov, A.Yu., Kovtun, V.E., Foshchan, A.G.	The UNIX-based data acquisition system for multichannel nuclear physics setups (2011) 3rd International Conference on Current Problems in Nuclear Physics and Atomic Energy, NPAE 2010 - Proceedings, pp. 598-600.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898900725&partnerID=40&md5=b60984b26bcb4765a8d1950c5bc6191
	Isupov, A., Kovtun, V.E., Foshchan, A.G.	The data acquisition systems of new generation for multichannel spectrometer setups (2010) Problems of Atomic Science and Technology, (2), pp. 154-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149404829&partnerID=40&md5=6ac05c4d7c65ee59ec83c3ee6ed698a
	Isupov, A.Yu., Kovtun, V.E., Foshchan, A.G.	The data acquisition system for multichannel spectrometer on base of the ngdp framework (2010) AIP Conference Proceedings, 1224, pp. 539-543.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958130815&doi=10.1063%2f1.3431467&partnerID=40&md5=ad2839496f0c23bfa4deebd1a672757
	Artukh, A.G., Sereda, Yu.M., Klygin, S.A., Vorontsov, A.N., Kononenko, G.A., Teterov, Yu.G., Erdemchimeg, B., Budzanowski, A., Kaminski, G., Vishnevski, I.N., Ostashko, V.V., Pavlenko, Yu.N., Kovtun, V.E., Koshchii, E.I., Foshchan, A.G.	Forward-angle yields of 6,8He and 9Li isotopes in 11B (33 AMeV) + 9Be reaction (2010) AIP Conference Proceedings, 1224, pp. 169-174.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958121278&doi=10.1063%2f1.3431412&partnerID=40&md5=0b8dcd1a212dfebb114a012359e1573
378	Kaydash, V.G., Gerasimenko, S.Y. , Shkuratov, Y.G., Opanasenko, N.V., Velikodsky, Y.I., Korokhin, V.V., Kaydash, M.V.	The phase ratios of the color index: Mapping of two regions of the near side of the Moon (2010) Solar System Research, 44 (4), pp. 267-280.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956442972&doi=10.1134%2fS0038094610040015&partnerID=40&md5=253821b4eb6c4fde7f0d8243a7bfb1fa
	Korokhin, V.V., Velikodsky, Y.I., Shkuratov, Y.G., Kaydash, V.G., Gerasimenko, S.Y. , Opanasenko, N.V., Videen, G., Pieters, C.	Removal of topographic effects from lunar images using Kaguya (LALT) and Earth-based observations (2010) Planetary and Space Science, 58 (10), pp. 1298-1306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955416686&doi=10.1016%2fj.pss.2010.05.013&partnerID=40&md5=4ebe7a67a19bd00e444c7405e91f3899
	Shkuratov, Y., Kaydash, V., Gerasimenko, S. , Opanasenko, N., Velikodsky, Y., Korokhin, V., Videen, G., Pieters, C.	Probable swirls detected as photometric anomalies in Oceanus Procellarum (2010) Icarus, 208 (1), pp. 20-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953537032&doi=10.1016%2fj.icarus.2010.01.028&partnerID=40&md5=010f935b48876a9d93b7119e4a94dfb
	Kaydash, V., Kreslavsky, M., Shkuratov, Yu., Gerasimenko, S. , Pinet, P., Josset, J.-L., Beauvivre, S., Foing, B.	Photometric anomalies of the lunar surface studied with SMART-1 AMIE data (2009) Icarus, 202 (2), pp. 393-413.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649948765&doi=10.1016%2fj.icarus.2009.03.018&partnerID=40&md5=4f63c9a9ffc3ed8aebb60ed9397bf8e5
	Kaidash, V.G., Gerasimenko, S.Yu. , Shkuratov, Yu.G., Opanasenko, N.V., Velikodskii, Yu.I., Korokhin, V.V.	Photometric function variations observed on the near side of the Moon: Mapping (2009) Solar System Research, 43 (2), pp. 89-99.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64749090060&doi=10.1134%2fS0038094609020014&partnerID=40&md5=940527bed7b639b789fcc94467c0bb71
379	Girka, V.O., Girka, A.V. , Yarko, V.V.	Parametric excitation of surface electron cyclotron X- and O-modes by alternating electric fields (2012) EPJ Web of Conferences, 32, статья № 01009, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882983279&doi=10.1051%2fepjconf/20123201009&partnerID=40&md5=9865ef724442db56f3d1d2efa9ca7673
	Girka, V., Girka, I., Pavlenko, I., Girka, O., Girka, A.	Coupled azimuthal modes propagating in current-carrying plasma waveguides (2012) Journal of Plasma Physics, 78 (2), pp. 105-123.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857838541&doi=10.1017%2fS0022377811000468&partnerID=40&md5=06fb3303a3e12bb574c6ec184b641fa3
	Girka, V.O., Girka, A.V. , Yarko, V.V.	Parametric excitation of surface electron cyclotron O-modes by an external alternating electric field (2011) Physica Scripta, 84 (4), статья № 045503, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053323486&doi=10.1088%2f0031-8949%2f84%2f04%2f045503&partnerID=40&md5=f07a0aed1639a6f9f3517957e952345

	Girka, V.O., Girka, I.O., Girka, A.V. , Pavlenko, I.V.	Theory of azimuthal surface waves propagating in non-uniform waveguides (2011) Journal of Plasma Physics, 77 (4), pp. 493-519.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051698068&doi=10.1017%2FIS0022377810000644&partnerID=40&md5=24c0b1737be6a872288f90a3eb
	Girka, A.V. , Girka, V.O., Pavlenko, I.V.	Theory of surface cyclotron X-modes at the second harmonic of electron cyclotron frequency excited by alternating electric field (2010) Problems of Atomic Science and Technology, (4), pp. 274-276.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149474203&partnerID=40&md5=40eb836c28ea0846bc8cedfc34bffa0a
380	Gorbenko, G., Trusova, V., Girych, M. , Adachi, E., Mizuguchi, C., Akaji, K., Saito, H.	FRET evidence for untwisting of amyloid fibrils on the surface of model membranes (2015) Soft Matter, 11 (31), pp. 6223-6234.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938344159&doi=10.1039%2Fc5sm00183h&partnerID=40&md5=c6184750543e7d880595536682d5d81a
	Bespalova, I.G., Rohoza, L.A., Girych, M.S.	Study of composition of cryopreserved fragment extracts from newborn piglet skin and heart using tricine-SDS-PAGE (2015) Problems of Cryobiology and Cryomedicine, 25 (2), p. 180.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982221116&partnerID=40&md5=7058c6312d2932990161df50a27c83f6
	Gorbenko, G., Trusova, V., Girych, M. , Adachi, E., Mizuguchi, C., Saito, H.	Interactions of lipid membranes with fibrillar protein aggregates (2015) Advances in Experimental Medicine and Biology, 855, pp. 135-155.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936754963&doi=10.1007%2F978-3-319-17344-3_6&partnerID=40&md5=d36e0ec192616b43ea33d767da1f4bb6
	Trusova, V., Gorbenko, G., Girych, M. , Adachi, E., Mizuguchi, C., Nagao, K., Kinnunen, P., Saito, H.	Membrane effects of N-terminal fragment of apolipoprotein A-I: A fluorescent probe study (2015) Journal of Fluorescence, 25 (2), pp. 253-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925462772&doi=10.1007%2F978-3-319-17344-9&partnerID=40&md5=fd6da27c9a2f8e766c5f0c41b56a71d3
	Girych, M. , Gorbenko, G., Trusova, V., Adachi, E., Mizuguchi, C., Kawashima, H., Akaji, K., Lund-Katz, S., Phillips, M.C., Saito, H.	Interaction of Thioflavin T with amyloid fibrils of apolipoprotein A-I N-terminal fragment: Resonance energy transfer study (2014) Journal of Structural Biology, 185 (1), pp. 116-124.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890994330&doi=10.1016%2Fj.jsb.2013.10.017&partnerID=40&md5=a64e0e1288b88354482eae62b16a31e1
381	Golub, V.L.	Slow waves in plasma waveguides in the presence of an azimuthal magnetic field (1992) Radiophysics and Quantum Electronics, 35 (2), p. 125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249838855&doi=10.1007%2F978-3-319-17344-9&partnerID=40&md5=26044b0dbe01d66b78bed8780d49e453
	Golub, V.L. , Kondratenko, A.N.	Metal boundary influence on the surface waves in plasma-vacuum structures (1991) Izvestiya Vysshikh Uchebnykh Zavedenij. Radiofizika, 34 (10-12), pp. 1209-1214.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026232406&partnerID=40&md5=9a2b7537b692ee732b42a99476c20e1f
	Golub, V.L. , Kondratenko, A.N.	Effect of metal boundaries on surface-wave spectrum in plasma-vacuum structures (1991) Radiophysics and Quantum Electronics, 34 (10-12), pp. 934-938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249838968&doi=10.1007%2F978-3-319-17344-9&partnerID=40&md5=07a13d88ab90321b64976567ea0499fa
	Golub, V.L. , Kondratenko, A.N., Olifer, V.P.	Nonpotential surface waves in magnetoactive plasma structures (1991) Radiophysics and Quantum Electronics, 34 (6), pp. 540-545.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249835714&doi=10.1007%2F978-3-319-17344-9&partnerID=40&md5=f9f604e883e0fe248de8c23467020eb8
	Golub, V.L. , Kondratenko, A.N., Olefir, V.P.	Nonpotential surface waves in magnetoactive plasma (1991) Izvestiya VUZ: Radiofizika, 34 (6), pp. 639-645.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026174978&partnerID=40&md5=b0d8e61f3155b875e466243c32e5a6bb
382	Thuillot, W., Bancelin, D., Ivantsov, A., Desmars, J., Assafin, M., Eggel, S., Hestroffer, D., Rocher, P., Carry, B., David, P., Abe, L., Andreev, M., Arlot, J.-E., Asami, A., Ayvasian, V., Baransky, A., Belcheva, M., Bendjoya, P., Bikmaev, I., Burkhanov, O.A., Camci, U., Carbognani, A., Colas, F., Devyatkin, A.V., Elgamberdiev, S.A., Enikova, P., Eyer, L., Galeev, A., Gerlach, E., Godunova, V., Golubaev, A.V. , Gorshanov, D.L., Gumerov, R., Hashimoto, N., Helvacı, M., Ibraymov, S., Inasaridze, R.Y., Khamitov, I., Kostov, A., Kozhukhov, A.M., Kozyryev, Y., Krugly, Y.N., Kryuchkovskiy, V., Kulichenko, N., Maigurova, N., Manilla-Robles, A., Martyusheva, A.A., Molotov, I.E., Nikolov, G., Nikolov, P., Nishiyama, K., Okumura, S., Palaversa, L., Parmonov, O., Peng, Q.Y., Petrova, S.N., Pinigin, G.I., Pomazan, A., Rivet, J.-P., Sakamoto, T., Sakhibullin, N., Sergeev, O., Sergeyev, A.V., Shulga, O.V., Suarez, O., Sybiryakova, Y., Takahashi, N., Tarady, V., Todd, M., Urakawa, S., Uysal, O., Vaduvescu, O., Vovk, V., Zhang, X.-L.	The astrometric Gaia-FUN-SSO observation campaign of 99942 Apophis (2015) Astronomy and Astrophysics, 583, статья № A59, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946605737&doi=10.1051%2F0004-6361%2F01425603&partnerID=40&md5=3809f44b5a369574c3e7c132c5e3b603
	Golubaev, A.V.	Sungrazing dust particles against the sporadic meteor background (2015) Solar System Research, 49 (4), pp. 226-236.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938890678&doi=10.1134%2FS0038094615040036&partnerID=40&md5=9f91eff9d7afc19f154e669590b57064
	Golubaev, A.V.	Main parameters of meteoroid motion during the fall of the Chelyabinsk meteorite shower on February 15, 2013 (2015) Solar System Research, 49 (3), pp. 147-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929324221&doi=10.1134%2FS003809461503003X&partnerID=40&md5=10a01066de1e576def6691fc824da464
	Gorbaney, Yu.M., Golubaev, A.V. , Zhukov, V.V., Kimakovskaya, I.I., Kimakovskiy, S.R., Knyazkova, E.F., Podlesnyak, S.V., Sarest, L.A., Stogneeve, I.A., Shestopalov, V.A.	Techniques for positional measurements of telescopic meteor TV images (2008) Solar System Research, 42 (1), pp. 35-50.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38849101654&doi=10.1007%2F97811208-008-1005-0&partnerID=40&md5=07b92f46d432f8f19d58aa8dd208e478
	Gorbaney, Yu.M., Golubaev, A.V. , Zhukov, V.V., Knyazkova, E.F., Kimakovskii, S.R., Kimakovskaya, I.I., Podlesnyak, S.V., Sarest, L.A., Stogneeve, I.A., Shestopalov, V.A.	Methods and statistics of TV observations of telescopic meteors (2006) Solar System Research, 40 (5), pp. 412-426.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750002668&doi=10.1134%2FS0038094606050066&partnerID=40&md5=077aa9c09d6ae258e5bf48db86962510
383	Gordevskyy, V.D. , Sazonova, E.S.	Continuum analogue of bimodal distributions (2012) Theoretical and Mathematical Physics, 171 (3), pp. 839-847.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8486409453&doi=10.1007%2Fs11232-012-0079-5&partnerID=40&md5=695be89d4b2eeae37f0072ef1d1555c0
	Gordevskyy, V.D. , Sazonova, E.S.	Asymmetrical bimodal distributions with screw modes (2011) Journal of Mathematical Physics, Analysis, Geometry, 7 (3), pp. 212-224.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883827005&partnerID=40&md5=e46be07f98219db5b38d3f8f6e42944b
	Gordevskyy, V.D.	Rotating flows with acceleration and compaction in the model of hard spheres (2009) Theoretical and Mathematical Physics, 161 (2), pp. 1558-1566.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71949096834&doi=10.1007%2Fs11232-009-0142-z&partnerID=40&md5=4b29960b701288985707d4e8a545c36f
	Gordevskyy, V.D. , Andriyasheva, N.V.	Interaction between "accelerating-packing" flows in a low-temperature gas (2009) Journal of Mathematical Physics, Analysis, Geometry, 5 (1), pp. 38-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71949130937&partnerID=40&md5=d43410015b00d5662a196c28ed58001
	Gordevskyy, V.D.	Biflow distribution with screw modes (2001) Theoretical and Mathematical Physics, 126 (2), pp. 234-249.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035535602&doi=10.1023%2FA%3a1005204029203&partnerID=40&md5=3f92f8d0b5979aa60df659a042ba5948

384	Yeliseyeva, N.P., Gorobets, N.N., Gorobets, A.N.	Characteristics of near field of the horizontal vibrator located above a square screen (2016) Journal of Communications Technology and Electronics, 61 (7), pp. 749-766.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979217652&doi=10.1134%2FIS1064226916070044&partnerID=40&md5=befa54806476a3c7d37d29810b7998
	Yeliseyeva, N.P., Gorobets, N.N., Gorobets, A.N.	Calculation of near field of dipole placed above rectangular screen (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136794, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939440375&doi=10.1109%2FICATT.2015.7136794&partnerID=40&md5=7322bdcac9e217cad2e10226d9860643
	Atroshenko, L.M., Gorobets, N.N., Gorobets, A.N. , Koshelev, A.V., Lebedev, A.S., Malukov, V.M., Mel, I.A.	State and prospects of the system of testing areas for ground support of external calibration for space systems of Earth's remote sensing (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959801, pp. 1145-1146.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915746797&doi=10.1109%2FCRMICO.2014.6959801&partnerID=40&md5=cf369388749052676f93aea98e468bb
	Atroshenko, L.M., Gorobets, N.N., Gorobets, A.N. , Kostrikov, A.L., Krasnogorskiy, M.G., Lebedev, A.S., Malukov, V.M., Mehl, I.A.	Use of facilities of commercial purposes for external calibration of space-based SAR (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652702, pp. 1150-1151.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891083017&partnerID=40&md5=f090c044db8a5cc82fcd199918827dd
	Atroshenko, L.M., Gorobets, N.N., Gorobets, A.N. , Kostrikov, A.L., Krasnogorskiy, M.G., Lebedev, A.S., Malyukov, V.M., Ratushnaya, E.S.	Ground-calibration complex for space-based SAR (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6335862, pp. 1005-1006.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869754864&partnerID=40&md5=8457ade3ff02e89921a8c975aeea0fb4
385	Grinchenko, G.	Forced labour in Nazi Germany in the interviews of the former child Ostarbeiter (2015) Reclaiming the Personal: Oral History in Post-Socialist Europe, pp. 176-204.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84967692975&partnerID=40&md5=76c2ebd7a42c7eda21043e478e5abb00
	Grinchenko, G.	And now imagine her or him as a slave, a pitiful slave with no rights: Child forced labourers in the culture of remembrance of the USSR and post-Soviet Ukraine (2015) European Review of History, 22 (2), pp. 389-410.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928115436&doi=10.1080%2F13507486.2015.1008418&partnerID=40&md5=46ce1dbf00eca5367b9d90e348a21ba9
	Khanenko-Friesen, N., Grinchenko, G.	Introduction. Reclaiming the personal: Oral history in post-socialist Europe (2015) Reclaiming the Personal: Oral History in Post-Socialist Europe, pp. 3-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84967360291&partnerID=40&md5=1a6809453f72201b573609e61cfeaf09f
	Khanenko-Friesen, N., Grinchenko, G.	Reclaiming the personal: Oral history in post-socialist Europe (2015) Reclaiming the Personal: Oral History in Post-Socialist Europe, pp. 1-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84967467074&partnerID=40&md5=1426532018d0cf83fcf4eb3736eb2f69
	Grinchenko, G.	Oral histories of former Ukrainian ostarbeiter: Preliminary results of analysis (2010) Hitler's Slaves: Life Stories of Forced Labourers in Nazi-Occupied Europe, pp. 250-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84917490898&partnerID=40&md5=2a9ea28f9f8c9064801254cd2966a833
385	Garmash, K.P., Gritchin, A.I. , Martynenko, S.I., Rozumenko, V.T., Tynov, O.F.	Electrodynamic processes in the electrically active mesosphere (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632884, pp. 1181-1182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650408223&partnerID=40&md5=9fb3beffe6e7e0a5784971a3fa7dd08
	Garmash, K.P., Gritchin, A.I. , Martynenko, S.I., Podnos, V.A., Rozumenko, V.T., Tynov, O.F., Fedorenko, V.N., Fedorenko, Yu.P., Tsybal, A.M., Chernogor, L.F.	Space research in Kharkiv radiophysical observatory of V. N. Karazin National University (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5292824, pp. 943-944.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949092693&partnerID=40&md5=182ef2b7d75e3339e4c54fa2836a1c8d
	Gokov, A.M., Gritchin, A.I. , Tynov, O.F.	Experimental study of the response of the midlatitude ionospheric D region to the solar eclipse of March 29, 2006 (2008) Geomagnetism and Aeronomy, 48 (2), pp. 232-239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-42349100747&doi=10.1007%2F11478-008-2012-5&partnerID=40&md5=9175bac48f60563fca88bfb38cb9168
	Gokov, A.M., Gritchin, A.I. , Tynov, O.F.	Experimental investigations of the electron density variations in the middle latitude ionospheric D-region during a solar eclipse (2006) 2006 16th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo, статья № 4023554, pp. 952-953.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-45249099118&doi=10.1109%2FCRMICO.2006.256273&partnerID=40&md5=3e96a626cd2784853eebf75ff114bfff
	Gokov, A.M., Gritchin, A.I.	Characteristics of some disturbances in the ionospheric D region during magnetic storms and solar flares (1996) Cosmic Research, 34 (6), pp. 541-545.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27144547267&partnerID=40&md5=b5bec541e042f2f1fb39e9cc167f26f
386	Hlushchenko, O.	Well-being as an imperative of Ukraine's social development (2016) Economic Annals-XXI, 156 (1-2), pp. 31-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966365328&doi=10.21003%2F2fea.V156-0007&partnerID=40&md5=a88edc71aed5dda73e837386cb34120d
	Hlushchenko, O.	Well-being funding: Essence and estimation method (2016) Rivista di Studi sulla Sostenibilita, (2), pp. 45-55.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013104676&partnerID=40&md5=853531377a5a0fa3850499458b7321f0
	Glushchenko, O.V.	Financial architectonics under bifurcation (2016) Actual Problems of Economics, 179 (5), pp. 8-19.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969645513&partnerID=40&md5=de8fd8d74bf1716ee2cd2e2afd60f00a
	Glushchenko, O.V.	Financial factors shaping national welfare at the centralized finance level (2016) Actual Problems of Economics, 183 (9), pp. 273-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987829255&partnerID=40&md5=237daea395d1dfa9038b57f00255ef1a
	Glushchenko, O.V.	Financial system: In search of a new paradigm (2015) Actual Problems of Economics, 171 (9), pp. 21-30.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950128800&partnerID=40&md5=b3c2b0e07c023a504134259d0aa0c731
387	Karas', V.I. , Kornilov, E.A., Manuilenko, O.V., Tarakanov, V.P., Fedorovskaya, O.V.	Transportation of high-current ion and electron beams in the accelerator drift gap in the presence of an additional electron background (2015) Plasma Physics Reports, 41 (12), pp. 1028-1045.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949451405&doi=10.1134%2FIS1063780X15120041&partnerID=40&md5=deaadec655dad948308b4e49b4f126bd
	Karas', V.I. , Kornilov, E.A., Manuilenko, O.V., Tarakanov, V.P., Fedorovskaya, O.V.	Transport and acceleration of the high-current ion beam in magneto-isolated gap (2015) Problems of Atomic Science and Technology, 98 (4), pp. 129-134.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941051343&partnerID=40&md5=dc42e077d5d51eb6d5b8887077a0f73
	Karas', V.I. , Sokolenko, V.I., Karasyova, E.V., Mats, A.V., Vlasenko, A.M.	Study of creep of nickel in external magnetic field (2015) Problems of Atomic Science and Technology, 98 (4), pp. 277-281.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941088587&partnerID=40&md5=86a4bf248d03de9825f98438186fcb50
	Manuilenko, O.V., Karas', V.I. , Kornilov, E.A., Vinokurov, V.A., Antipov, V.S.	Computer simulation of high-current diode: From field emission to space charge limited current flow (2015) Problems of Atomic Science and Technology, 98 (4), pp. 81-85.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941043389&partnerID=40&md5=12cd35adc34e1790ae396eb123b8dd96
	Karas', V.I. , Alisov, A.F., Golota, V.I., Yegorov, A.M., Karas', I.V., Karelin, S.V., Zagrebny, I.A.	Studies of microwave characteristics and plasma parameters in low pressure discharge initiated in coaxial waveguide by stochastic radiation (2015) Problems of Atomic Science and Technology, 98 (4), pp. 197-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941092283&partnerID=40&md5=1c5e322f70f147b747e13dd5026d8334
388	Baumer, V.N., Karasev, A.A. , Sizova, Z.A.	2-Amino-7-methoxy-3-(1-methyl-1H-benzimidazol-2-yl)chromenium perchlorate (2003) Acta Crystallographica Section E: Structure Reports Online, 59 (1), pp. o54-o56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18444394046&doi=10.1107%2FIS1600536802022699&partnerID=40&md5=e033f80f170b6d26ff25d8209ce1a856
	Sizova, Z.A., Karasev, A.A. , Lukatskaya, L.L., Rubtsov, M.I., Doroshenko, A.O.	Acid-base properties of 3-benzazolycoumarins and their imino analogs (2002) Theoretical and Experimental Chemistry, 38 (3), pp. 168-172.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3042652686&partnerID=40&md5=26679d42b3f953b52c0af730c69c548e
	Karasev, A.A. , Lukatskaya, L.L., Rubtsov, M.I., Sizova, Z.A., Doroshenko, A.O.	Synthesis, acid-base and spectral properties of 3-(benzoimidazol-2-yl)-2-phenylimino-2H-chromenes (2002) Russian Chemical Bulletin, 51 (11), pp. 2070-2073.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036928779&doi=10.1023%2FA93a1021616027620&partnerID=40&md5=f229bb28a455134b3589f93a8fe18846

	Karasev, A.A., Lukatskaya, L.L., Rubtsov, M.I.	Structural effects on the spectral and acid-base properties of coumarin derivatives (2000) Russian Journal of General Chemistry, 70 (4), pp. 579-582.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034339626&partnerID=40&md5=0de4d988dbf7e9813f519ceeab2a2d0
	Kovalenko, S.N., Nikitchenko, V.M., Karasev, A.A., Lavrushin, V.F.	Intramolecular interaction of chromophores in diprotonated dichalcones containing a biphenylene bridge structure (1987) Theoretical and Experimental Chemistry, 23 (1), pp. 20-26.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250101501&doi=10.1007%2FbF00534971&partnerID=40&md5=68cec1aaa44ab4e519d13d6a8299d042
389	Wang, S.-X., Schroeder, J., Ozier, I., Moazzen-Ahmadi, N., Horneman, V.-M., Ilyushyn, V.V., Alekseev, E.A., Katrich, A.A., Dyubko, S.F.	Vibration-torsion-rotation study of the v_5 state of CH_3CF_3 (2002) Journal of Molecular Spectroscopy, 214 (1), pp. 69-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036069740&doi=10.1006%2Fjmsp.2002.8572&partnerID=40&md5=73e4d5c117f8bce61a3a0bf9d437e7
	Katrich, A.B., Katrich, A.A., Priz, I.A.	Laser beam focal spot analysis (2001) Proceedings of LFNМ 2001 - 3rd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 930210, pp. 77-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963894734&doi=10.1109%2Flnm.2001.930210&partnerID=40&md5=b21fdb6d1c3da858091cbbdb20835f13
	Wang, S.-X., Schroeder, J., Ozier, I., Moazzen-Ahmadi, N., McKellar, A.R.W., Ilyushyn, V.V., Alekseev, E.A., Katrich, A.A., Dyubko, S.F.	Infrared and millimeter-wave study of the four lowest torsional states of CH_3CF_3 (2001) Journal of Molecular Spectroscopy, 205 (1), pp. 146-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035527759&doi=10.1006%2Fjmsp.2000.8235&partnerID=40&md5=f1afd7fea57f14e7041bf365ae2eb1a
	Katrich, A.B., Katrich, A.A., Priz, I.A.	Laser beam characterization (2000) Proceedings of LFNМ 2000: 2nd International Workshop on Laser and Fiber-Optical Networks Modeling, статья № 854033, pp. 32-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960433450&doi=10.1109%2Flnm.2000.854033&partnerID=40&md5=4cfabf0560657db4b980d1508a601922
	Baskakov, O.I., Dyubko, S.F., Katrich, A.A., Ilyushin, V.V., Alekseev, E.A.	Millimeter-Wave Spectrum of CF_3Cl_2 , Taking into Account the Hyperfine Structure (2000) Journal of Molecular Spectroscopy, 199 (1), pp. 26-33.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0008995842&partnerID=40&md5=9fea23da2d473fe93714461a8979856f
390	Ivanov, A.I., Luk'yanov, A.N., Merisov, B.A., Sologubenko, A.V., Khadjai, G.Ya.	Thermal conductivity of a GaAs single crystal grown in microgravity (2002) Low Temperature Physics, 28 (6), pp. 462-464.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22644441464&doi=10.1063%2F1.1491187&partnerID=40&md5=75c7cd6c1cdd607ada0668bcb4e984d4
	Merisov, B.A., Khadjai, G.Ya., Obolensky, M.A., Cherpak, N.T., Haldar, P., Hazelton, D.	Kinetic properties of the HTSC compound Ag-Bi2223 (1999) Low Temperature Physics, 25 (6), pp. 472-474.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750142025&partnerID=40&md5=d78a061fa00e6fc425e45f4e193140d3
	Beletskii, V.I., Gavrenko, O.A., Merisov, B.A., Obolenskii, M.A., Sologubenko, A.V., Khadjai, G.Ya., Chashka, Kh.B.	Thermal conductivity and electrical resistivity of the layered compound $\text{Nb}_{1-x}\text{Sn}_x\text{Se}_{2-x}$ (1998) Low Temperature Physics, 24 (4), pp. 273-277.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750122929&partnerID=40&md5=8970b78f3c673d1541a6cdd92dfd726b
	Khadjai, G.Ya., Merisov, B.A., Sologubenko, A.V.	Some peculiarities of phonon scattering by point defects in layered crystals (1997) Physica Status Solidi (B) Basic Research, 200 (2), pp. 413-421.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039920172&partnerID=40&md5=7959fb3559498c4641b7f437fb98afb3
	Gavrenko, O.A., Khadjai, G.Y., Merisov, B.A., Sologubenko, A.V.	Mechanisms of phonon scattering in layered clays (1995) Physica Scripta, 51 (2), pp. 282-286.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040438148&doi=10.1088%2F0031-8949%2F51%2F2%2F018&partnerID=40&md5=1a2bf06ed65cbbcb9af6cd8b2ac10a4
391	Lisovskiy, V., Kravchenko, E., Skubenko, E., Kharchenko, N., Yegorenkov, V.	Obstructed dc glow discharge in low-pressure nitrogen (2010) Problems of Atomic Science and Technology, (6), pp. 156-158.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650603700&partnerID=40&md5=dd31dbb5e641a72e2f8b25918bdf3b83
	Lisovskiy, V.A., Kharchenko, N.D., Yegorenkov, V.D.	Low-pressure gas breakdown in longitudinal combined electric fields (2010) Journal of Physics D: Applied Physics, 43 (42), статья № 425202, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78249231375&doi=10.1088%2F0022-3727%2F43%2F42%2F425202&partnerID=40&md5=702e860cfb10121b7e16af3cf4de2e1
	Lisovskiy, V.A., Kharchenko, N.D., Yegorenkov, V.D.	Radial structure of low pressure rf capacitive discharges (2010) Vacuum, 84 (6), pp. 782-791.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74649086989&doi=10.1016%2Fj.vacuum.2009.10.037&partnerID=40&md5=8fd3201460fd1323d3baa9a2e416b5
	Lisovskiy, V., Kharchenko, N., Yegorenkov, V.	Longitudinal combined discharge extinction in low pressure nitrogen (2008) Vacuum, 83 (4), pp. 724-726.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-52949134096&doi=10.1016%2Fj.vacuum.2008.05.012&partnerID=40&md5=8ebcdffc840a3cfa910094e4a6e8e2f
	Lisovskiy, V.A., Kharchenko, N.D., Yegorenkov, V.D.	Modes of longitudinal combined discharge in low pressure nitrogen (2008) Journal of Physics D: Applied Physics, 41 (12), статья № 125207, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47249152215&doi=10.1088%2F0022-3727%2F41%2F12%2F125207&partnerID=40&md5=8afeb4c723c5628a32cd2758dc75832c
392	Kirichenko, L., Ivanisenko, I., Radivilova, T.	Dynamic load balancing algorithm of distributed systems (2016) Modern Problems of Radio Engineering, Telecommunications and Computer Science, Proceedings of the 13th International Conference on TCSET 2016, статья № 7452102, pp. 515-518.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969246463&doi=10.1109%2FTcSET.2016.7452102&partnerID=40&md5=6d24a5efbe307657f7017a05094ad73
	Ivanisenko, I., Kirichenko, L., Radivilova, T.	Investigation of self-similar properties of additive data traffic (2015) Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT 2015, статья № 7325459, pp. 169-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969939874&doi=10.1109%2FITSIT-CSIIT.2015.7325459&partnerID=40&md5=1ec415c60347e50b723b520f66c41a47
	Saprykin, G., Kobytka, J., Kirichenko, L.	Using the characteristics of chaotic dynamics in the knowledge base of decision support system (2015) Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT 2015, статья № 7325457, pp. 162-165.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969922411&doi=10.1109%2FITSIT-CSIIT.2015.7325457&partnerID=40&md5=ecdddc3b0cbf856d4852847fd74d1661
	Karpukhin, A., Kirichenko, L., Gritsis, D., Tkachenko, A.	Mathematical modelling of infocommunication systems by means of chaos theory methods (2014) 2014 1st International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2014 - Conference Proceedings, pp. 17-18.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921276897&doi=10.1109%2FINFOCOMMST.2014.6992283&partnerID=40&md5=1ae8a5d84c343dd5f733fd470baed
	Kirichenko, L.O., Tsekhmistro, R.I., Krug, O.Y., Storozhenko, A.W.	Comparative analysis of pseudorandom number generation in the up-to-date wireless data communication (2011) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 70 (4), pp. 325-333.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961068857&doi=10.1615%2FTelecomRadEng.v70.i4.20&partnerID=40&md5=6bfc0671b6b26f091b2ed685d35caf1f
393	Kirpichenko, T.V., Strashnyuk, V.Yu., Vorobjova, L.I., Shakhbazov, V.G.	The effect of the genotype on the expressiveness of character vestigial and polyteny of giant chromosomes in <i>Drosophila melanogaster</i> Meig. (2002) Genetika, 38 (12), pp. 1621-1625.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036983988&partnerID=40&md5=e908f8c3a2452022998ffcdca7c1127c
	Kirpichenko, T.V., Strashnyuk, V.Yu., Vorobjova, L.I., Shakhbazov, V.G.	The Effect of the Genotype on the Expressiveness of Character vestigial and Polyteny of Giant Chromosomes in <i>Drosophila melanogaster</i> Meig (2002) Russian Journal of Genetics, 38 (12), pp. 1371-1375.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0348245980&doi=10.1023%2FA%3a1021683621144&partnerID=40&md5=ce40198b5b2339f8c2a9264b440c5ed1
	Kirpichenko, T.V., Vorobyova, L.I.	Phototaxis and Fitness of the Eyeless <i>Drosophila melanogaster</i> Line (2001) Tsitologiya i Genetika, 35 (3), pp. 30-34.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035352492&partnerID=40&md5=ec314e74942ac6441fd07b8ef572b78
	Rarog, M.A., Vorob'eva, L.I., Kirpichenko, T.V.	Changes of Certain Adaptation Components during <i>Drosophila</i> Ontogenesis (1998) Ontogenez, 29 (1), pp. 55-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842664922&partnerID=40&md5=5557f52c107dd1e95d9b51f06c62beea
	Rarog, M.A., Vorob'eva, L.I., Kirpichenko, T.V.	Dynamics of changes in various adaptation components in <i>Drosophila</i> ontogenesis [Dinamika izmeneniya nekotorykh komponentov prispособlennosti v ontogeneze drosophily.] (1998) Ontogenez, 29 (1), pp. 52-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031599517&partnerID=40&md5=04f307aa64db5b83a4a0b5319f11d528
394	Garmash, K.P., Kostrov, L.S., Rozumenko, V.T., Tsybmal, A.M., Tynov, O.F.	The facility for remote sensing of the near-earth space environment (2006) 2006 16th International Crimean Microwave and Telecommunication Technology, CrMiCo, статья № 4023555, pp. 954-955.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149089961&doi=10.1109%2FCRMiCo.2006.256274&partnerID=40&md5=b0e4eeef4bb4dc9734475c439b1bbf

	Burmaka, V.P., Kostrov, L.S. , Chernogor, L.F.	Statistics of signals of the HF Doppler radar sensing the bottomside ionosphere disturbed by rocket launches and solar terminator (2004) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 61 (2-6), pp. 150-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958549704&doi=10.1615/2fTelecomRadEng.v61.i2.70&partnerID=40&md5=a13aaf511f78499ceda1877414a12a2
	Pushin, V.F., Kostrov, L.S.	3-D ray-tracing synthesis of multiparameter ionograms as obtained by digital sounders in a disturbed ionosphere (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 53 (2), pp. 58-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044466026&partnerID=40&md5=8a0ba234c25f11020ddca752b5e81a611
	Garmash, K.P., Kostrov, L.S. , Rozumenko, V.T., Tymov, O.F., Tsybal, A.M., Chernogor, L.F.	Global ionospheric disturbances caused by a rocket launch against a background of a magnetic storm (1999) Geomagnetism and Aeronomy, 39 (1), pp. 69-75.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-24644500240&partnerID=40&md5=7c6966d5e3808f36d1dabceb0eadb3fc
	Kostrov, Leonid S. , Martynenko, Sergey I., Milovanov, Yuri B., Rozumenko, Victor T., Tymov, Oleg F., Tsybal, Anatoly M.	Influence of global disturbances on the propagation of ionospheric MF and HF radio waves: technique (1996) IEEE Antennas and Propagation Society, AP-S International Symposium (Digest), 3, pp. 2236-2239.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029726889&partnerID=40&md5=e47b635743d21adbeaa0c202d4231a4b
395	Ralo, A., Derevianko, A., Kropotov, A. , Styervoyedov, S., Vozniy, O.	Modeling, algorithms and implementation of the microcontroller control system for the ion beam forming process for nanostructures etching (2013) CEUR Workshop Proceedings, 1000, pp. 30-37.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923538499&partnerID=40&md5=95448037094b9e5be15aea362fabeb7
	Kropotov, A.Yu. , Morgun, O.N., Chernyi, V.V.	Device for absolute calibration of spectral sensitivity of semiconductor X-ray detectors (1988) Instruments and experimental techniques New York, 31 (3 pt 1), pp. 572-575.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024112291&partnerID=40&md5=b41e2002f0d45811efd4c28050cc5446
	Kropotov, A.Yu. , Morgun, O.N., Chernyi, V.V.	MEASUREMENT OF SPECTRUM OF X-RADIATION GENERATED IN DIODE OF HIGH-CURRENT ACCELERATOR. (1987) Instruments and experimental techniques New York, 30 (2 pt 1), pp. 255-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0023308749&partnerID=40&md5=a998d3713509a61856fe3b7f70f5e1eb7
	Kolesnik, V.T., Kropotov, A.Yu. , Kurochkin, S.N., Panasenko, S.I., Chernyi, V.V.	150-kv RAIL-TYPE GAS DISCHARGER. (1986) Instruments and experimental techniques New York, 29 (1 pt 1), pp. 116-119.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022581088&partnerID=40&md5=2a21c40fcf13e7d1485235be0f82ae5b
	Kropotov, A.Yu. , Kolesnik, V.T., Chernyi, V.V.	'GNOM' LOW-IMPEDANCE ELECTRON-BEAM GENERATOR. (1983) Instruments and experimental techniques New York, 26 (2 pt 1), pp. 267-270.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020715720&partnerID=40&md5=6406028948a077d367cce58285ff48d0
396	Artukh, A.G., Klygin, S.A., Kononenko, G.A., Kyslukha, D.A. , Lukyanov, S.M., Mikhailova, T.I., Penionzhkevich, Y.E., Oganessian, Y.T., Sereda, Y.M., Vorontsov, A.N., Erdemchimeg, B.	Radioactive nuclear beams of COMBAS facility (2016) Physics of Particles and Nuclei, 47 (1), pp. 49-72.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953300004&doi=10.1134%2fIS1063779616010032&partnerID=40&md5=cc90559bb652b42036f09ebb01f8d41b
	Erdemchimeg, B., Artukh, A.G., Davaa, S., Klygin, S.A., Kononenko, G.A., Khuukhenkhuu, G., Kyslukha, D.A. , Lukyanov, S.M., Mikhailova, T.I., Sereda, Y.M., Penionzhkevich, Y.E., Vorontsov, A.N., Borcea, C., Rotaru, F., Stanoiu, M.	Total reaction cross sections measurement for 6,8He and 8,9Li nuclei with energies of (25-45)/A MeV on natAl and natPb (2016) Bulletin of the Russian Academy of Sciences: Physics, 80 (3), pp. 223-226.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971265439&doi=10.1039%2fIS1062873816030096&partnerID=40&md5=abafe4aaff02de0ae2cc4ecad0e0328
	Kononenko, G.A., Artukh, A.G., Vorontsov, A.N., Kyslukha, D.A. , Klygin, S.A., Kovtun, V.E., Ostashko, V.V., Pavlenko, Y.N., Sereda, Y.M., Erdemchimeg, B.	Detection system of the COMBAS fragment separator (2015) Instruments and Experimental Techniques, 58 (3), pp. 337-344.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938890363&doi=10.1134%2fIS1027451011080052&partnerID=40&md5=a5ea47a2d85b20be7fb4aa4cd5255a44
	Sereda, Y.M., Lukyanov, S.M., Artukh, A.G., Vorontsov, A.N., Voskoboinik, E.I., Ivanov, M.P., Kyslukha, D.A. , Klygin, S.A., Kononenko, G.A., Maslov, V.A., Mikhailova, T.I., Penionzhkevich, Y.E., Erdemchimeg, B.	Investigation of the fragmentation of 20Ne and 40Ar ions at the COMBAS setup (2014) Physics of Atomic Nuclei, 77 (7), pp. 817-823.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926302194&doi=10.1134%2fIS1063778814060131&partnerID=40&md5=6fafdbe12da87e9914cabb11f7224d73
	Artukh, A.G., Vorontsov, A.N., Kyslukha, D.A. , Klygin, S.A., Kovtun, V.E., Kononenko, G.A., Lukyanov, S.M., Oganessian, Yu.Ts., Ostashko, V.V., Pavlenko, Yu.N., Penionzhkevich, Yu.E., Sereda, Yu.M., Chubarian, G.G., Erdemchimeg, B.	A secondary beam separator: A combination of the COMBAS fragment separator with the ion catcher (2014) Instruments and Experimental Techniques, 57 (4), pp. 394-409.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905858319&doi=10.1134%2fIS0020441214030142&partnerID=40&md5=48dabeb80c55adc030bfa15f0f08a64b
397	Leonov, A. , Orhan, C.	On filter convergence of series (2015) Real Analysis Exchange, 40 (2), pp. 459-474.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015982395&partnerID=40&md5=efab5ac67621ad34190ad0f1e0b7235a
	Kadets, V., Leonov, A. , Orhan, C.	Weak statistical convergence and weak filter convergence for unbounded sequences (2010) Journal of Mathematical Analysis and Applications, 371 (2), pp. 414-424.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955278161&doi=10.1016%2fj.jmaa.2010.05.031&partnerID=40&md5=95ae1ade4f3bb580bf37f077d842b1d8
	Kadets, V., Leonov, A.	Weak and point-wise convergence in C (K) for filter convergence (2009) Journal of Mathematical Analysis and Applications, 350 (2), pp. 455-463.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56449114595&doi=10.1016%2fj.jmaa.2008.01.007&partnerID=40&md5=781647e510a8be9173e7f7301a2bc74a
	Shkarin, S.A., Leonov, A.K.	On Weak and Strong Peano Theorems (2004) Russian Journal of Mathematical Physics, 11 (1), pp. 77-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842526676&partnerID=40&md5=6591dd0c7f19082ed3f438c358b4dcc06
	Leonov, A.K. , Shkarin, S.A.	Integral Completeness of Locally Convex Spaces (2000) Russian Journal of Mathematical Physics, 7 (4), pp. 402-412.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034365643&partnerID=40&md5=7addf25a833fe3a0082552c25bab0061
398	Azarenkov, N.A., Bobkov, V.V., Tishchenko, L.P., Starovoitov, R.I., Kovtunenkov, Y.I., Logachev, Y.E. , Gamayunova, L.A.	Sequential implantations of deuterium and helium ions into tungsten-coated composite structures (2016) Problems of Atomic Science and Technology, 106 (6), pp. 73-76.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007529315&partnerID=40&md5=61f51255ab930221365f52f196318249
	Bobkov, V.V., Tishchenko, L.P., Onishchenko, A.V., Zubarev, E.N., Starovoitov, R.I., Kovtunenkov, Y.I., Logachev, Y.E. , Gamayunova, L.A.	Implantation of helium and deuterium ions into tungsten-coated composite structures (2011) Journal of Surface Investigation, 5 (4), pp. 806-811.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961151563&doi=10.1134%2fIS1027451011080052&partnerID=40&md5=ed900c6308c12e6fe3b77719d3be5bf2e
	Bobkov, V.V., Onishchenko, A.V., Sobol', O.V., Starovoitov, R.I., Kovtunenkov, Y.I., Logachev, Y.E. , Tishchenko, L.P.	Ion-implanted deuterium accumulation in a deposited tungsten coating (2010) Journal of Surface Investigation, 4 (5), pp. 852-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958021268&doi=10.1134%2fIS1027451010050289&partnerID=40&md5=8de07c0364d4b4c319a944d79b4fa7
	Litvinov, V.A., Koppe, V.T., Logachev, Y.E. , Bobkov, V.V.	SIMS investigation of the influence of ultraviolet irradiation on amino acids (2010) Bulletin of the Russian Academy of Sciences: Physics, 74 (2), pp. 183-187.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950382986&doi=10.1039%2fIS1062873810020188&partnerID=40&md5=e378d651c5d8fba74b75dcab5108a5fd
	Kiyan, T.S., Koval', A.G., Logachev, Yu.E.	Study of ion-photon emission in alkali-halide crystals (1994) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 77 (5), pp. 717-721.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0028542660&partnerID=40&md5=866b479ce4a7ca2cdd97944ca054712
399	Korobov, V.I., Lutsenko, A.V.	On the Robust Stabilization of One Class of Nonlinear Discrete Systems (2017) Journal of Mathematical Sciences (United States), 220 (4), pp. 483-497.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014422779&doi=10.1007%2fIS10958-016-3196-0&partnerID=40&md5=0224b99d76696ce8178769836f3061f

	Korobov, V.I., Lutsenko, A.V.	On the Robust Stabilization of One Class of Nonlinear Discrete Systems (2016) Journal of Mathematical Sciences (United States), pp. 1-15. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006381802&doi=10.1007%2F10958-016-3196-0&partnerID=40&md5=788d2608c4a1eedb60753d95f7be3b55
	Korobov, V.I., Lutsenko, A.V.	Robust stabilization of one class of nonlinear systems (2014) Automation and Remote Control, 75 (8), pp. 1433-1444.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906274226&doi=10.1134%2F00051179104800074&partnerID=40&md5=30314a84602caca27fe30f0722ac2
	Krivoshchev, Iu.A., Lutsenko, A.V.	On stability of motion relative to a part of the variables for linear systems with constant or almost-constant matrices (1980) Journal of Applied Mathematics and Mechanics, 44 (2), pp. 147-150.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0019111152&doi=10.1016%2F0021-8928%2880%2990138-0&partnerID=40&md5=289e2602525d3be3a574cb84904eb15c
	Korobov, V.I., Lutsenko, A.V.	Controllability of a linear stationary system onto a subspace for an unfixed time (1977) Ukrainian Mathematical Journal, 29 (4), pp. 406-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250288500&doi=10.1007%2F01085810&partnerID=40&md5=e7de7ae25e33c5078eeb2bdbac45de8
400	Akimov, L.A., Belkina, I.L., Marchenko, G.P.	Flare on 2011 September 22 and coronal mass ejection from observations in the He I 10830-Å line (2014) Monthly Notices of the Royal Astronomical Society, 439 (1), pp. 193-201.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894661864&doi=10.1093%2Fmnras%2Fstt2344&partnerID=40&md5=9717ce961cbb516bf102dac3675abe9b
	Marchenko, G.P. , Akimov, L.A., Belkina, I.L., Velikodsky, Y.I.	Solar chromosphere in the D3 helium line from spectra of the eclipse of March 29, 2006 (2011) Kinematics and Physics of Celestial Bodies, 27 (4), pp. 183-190.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052042668&doi=10.3103%2F0884591311040076&partnerID=40&md5=c2a256940e5de7f843bf1f042ebd288
	Shalygina, O.S., Korokhin, V.V., Starukhina, L.V., Shalygin, E.V., Marchenko, G.P. , Velikodsky, Yu.I., Starodubtseva, O.M., Akimov, L.A.	The north-south asymmetry of polarization of Jupiter: The causes of seasonal variations (2008) Solar System Research, 42 (1), pp. 8-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38849093189&doi=10.1007%2F11208-008-1002-3&partnerID=40&md5=4d9dccc11582e87fa65e30235a944a9c
	Akimov, L.A., Beletskii, S.A., Belkina, I.L., Bugaenko, O.I., Velikodskii, Yu.I., Zhitnik, I.A., Ignat'ev, A.P., Korokhin, V.V., Kuzin, S.V., Marchenko, G.P. , Pertsov, A.A.	Quasi-periodicity of MgXII X-ray bursts revealed by CORONAS-F SPIRIT data for solar active regions (2005) Astronomy Reports, 49 (7), pp. 579-586.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-22544467775&doi=10.1134%2F1.1985955&partnerID=40&md5=315e8fec03d8735ed7609280111b1da8
	Kurochka, L.N., Belkina, I.L., Beletskii, S.A., Korokhin, V.V., Marchenko, G.P.	Observations and analysis of emission from solar active regions at the edge of the Balmer continuum (1997) Astronomy Reports, 41 (3), pp. 404-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031487883&partnerID=40&md5=b352b252633c328e2af6ae1af18a0587
401	Martynenko, A.V. , Yabluchansky, N., Yabluchansky, A., Verheyden, B., Beckers, F., Aubert, A.E.	Nonlinear analysis of RR and QT variability for cosmonauts data (2011) IFMBE Proceedings, 37, pp. 393-395.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80555148841&doi=10.1007%2F978-3-642-23508-5_102&partnerID=40&md5=1f74ac98eb9ccb3f3274ed837d3ebf7f2
	Yabluchansky, N., Martynenko, A.V. , Yabluchansky, A., Verheyden, B., Beckers, F., Aubert, A.E.	Stability analysis of RR and QT variability for cosmonauts data (2011) IFMBE Proceedings, 37, pp. 412-414.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80555148856&doi=10.1007%2F978-3-642-23508-5_107&partnerID=40&md5=e48ba57be4b4adf2c5904613e389d3f1
	Kulik, A.L., Martynenko, A.V. , Yabluchansky, N.I.	Biofeedback quality in healthy volunteers in paced breathing algorithm starting from the age physiological norm (2011) IFMBE Proceedings, 37, pp. 408-411.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80455167987&doi=10.1007%2F978-3-642-23508-5_106&partnerID=40&md5=f64cb882f60810e41f0fb755aaa429e
	Yabluchansky, N., Kulik, A., Martynenko, A.	Comments on point: counterpoint: "cardiovascular variability is/is not an index of autonomic control of circulation". (2007) Journal of applied physiology (Bethesda, Md. : 1985), 102 (4), p. 1715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249745820&doi=10.1152%2Fjapplphysiol.01193.2006&partnerID=40&md5=8eea3ca7c05a06541c0a1b23f8a3895
	Yabluchansky, N., Kulik, A., Martynenko, A.	To the editor [8] (2007) Journal of Applied Physiology, 102 (4), p. 1715.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34147110454&doi=10.1152%2Fjapplphysiol.01193.2006&partnerID=40&md5=2754c4c4e0e2bdc6fdd1c8a8b915b697
402	Antyufeyeva, M., Legenkiy, M., Maslovskiy, A.	Influence of background surface on backscattering pattern of complex shape object (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724182, pp. 179-182.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000444232&doi=10.1109%2FUWBUSIS.2016.7724182&partnerID=40&md5=beec96b3ea9f5d0b4a4ebc8af9e4672
	Legenkiy, M., Maslovskiy, A. , Antyufeyeva, M.	BSP step for on-ground targets RCS measuring or calculation (2016) International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, статья № 7544052, pp. 306-309.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985040975&doi=10.1109%2FMMET.2016.7544052&partnerID=40&md5=e1124745e41eae0c0ee8c685b6390cb
	Maslovskiy, A. , Legenkiy, M., Antyufeyeva, M.	BSP step for complex target RCS measuring or calculation (2016) 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, статья № 7538076, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988039675&doi=10.1109%2FMSMW.2016.7538076&partnerID=40&md5=1fdd201b09410137e645b8033a10519b
	Legenkiy, M.N., Maslovskiy, A.A. , Khrychev, V.S.	Processing rcs distribution for complex shape objects (2016) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 75 (20), pp. 1825-1836.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016963130&doi=10.1615%2FTelecomRadEng.v75.i20.30&partnerID=40&md5=97b652c1bde2ced2f511247213ba4350
	Antyufeyeva, M.S., Butrym, A.Y., Kolchigin, N.N., Legenkiy, M.N., Maslovskiy, A.A. , Osinovy, G.G.	Specific RCS for describing the scattering characteristic of complex shape objects (2016) Progress In Electromagnetics Research M, 52, pp. 191-200.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010399555&doi=10.2528%2FPIERM16042907&partnerID=40&md5=9fc56d51071e042001b995c72dde84d6
403	Agieienko, V.N., Otroshko, N.A. , Kalugin, O.N.	Complexation of the alkaline earth metals perchlorates with 3-hydroxyflavone in acetonitrile: Precise conductometric treatment (2017) Journal of Molecular Liquids, . Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020763484&doi=10.1016%2Fj.molliq.2017.05.141&partnerID=40&md5=9f4395da40b176de97e6afc7a64a8a9
	Kalugin, O.N., Agieienko, V.N., Otroshko, N.A.	Ion association and solvation in solutions of Mg 2 +, Ca 2 +, Sr 2 +, Ba 2 + and Ni 2 + perchlorates in acetonitrile: Conductometric study (2012) Journal of Molecular Liquids, 165, pp. 78-86.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84155167958&doi=10.1016%2Fj.molliq.2011.10.012&partnerID=40&md5=73d438972dc5a712307170d763cadb0b
	Kalugin, O.N., Agieienko, V.N., Otroshko, N.A. , Moroz, V.V.	Ionic association and solvation in solutions of magnesium and nickel perchlorates in acetonitrile (2009) Russian Journal of Physical Chemistry A, 83 (2), pp. 231-237.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-59849089939&doi=10.1134%2F0036024409020150&partnerID=40&md5=a49375255c5a947b800fe5ecd8b24e
	Kalugin, O.N., Otroshko, N.A. , V'Yunnik, I.N.	Electroconduction, association, and ion-molecular interactions in nickel chloride solutions in methanol at 5-55°C (2004) Russian Journal of Electrochemistry, 40 (7), pp. 743-749.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-3242892742&doi=10.1023%2FB%3aRUEL.0000035259.65376.b0&partnerID=40&md5=07db937de164a29ebdadbcb72e60a07
	Kalugin, O.N., Otroshko, N.A. , V'yunnik, I.N.	Electric conduction, association, and ion-molecule interactions in solutions of nickel chloride in methanol at 5-55°C (2004) Elektrokhimiya, 40 (7), pp. 852-860.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-4644329272&partnerID=40&md5=a8d4d2d4f419c0ca83446f22393b1dee
404	Ovcharenko, A.P. , Bilozertseva, V.I., Gaman, D.A., Khlyap, H.M., Tranh, D.T.N.	Design of broadband optical interference filters based on six-layer period (2013) Journal of Nano- and Electronic Physics, 5 (1), статья № 01010, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876026953&partnerID=40&md5=14fd0b99e9cbe64c04fe8244cf0dd7b
	Ovcharenko, A.P. , Yegorenkov, V.D.	Teaching students to observe Haidinger brushes (2002) European Journal of Physics, 23 (2), pp. 123-125.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036501777&doi=10.1088%2F0143-0807%2F23%2F2%2F305&partnerID=40&md5=53e9c38075ebbd22db9d98541f53cfba
	Lemeshevskaya, Y., Mussil, V., Ovcharenko, A. , Pilipenko, V.	Photosensitive thin-film structures "metal-Amorphous semiconductor" with an intermediate layer (2001) Proceedings of SPIE-The International Society for Optical Engineering, 4425, pp. 357-361.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034876501&doi=10.1117%2F12.429752&partnerID=40&md5=3baa4f498051f371863685782d710b24
	Lupashko, Y.A., Mussil, V.V., Ovcharenko, A.P.	Behavior of multilayer light-sensitive resonant systems at irradiation (1997) Proceedings of SPIE - The International Society for Optical Engineering, 3055, pp. 82-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031348418&partnerID=40&md5=89f779295d5c69e1460b791e7cfecf
	Belozertseva, Violetta I., Lupashko, Y.A., Mussil, V.V., Ovcharenko, A.P.	Multilayer photorecording medium and devices for recording and processing of information (1995) Proceedings of SPIE - The International Society for Optical Engineering, 2648, pp. 688-693.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029463479&partnerID=40&md5=b59b11c2f3ae98fb91d45fb37b6586d7
405	Pishko, S.V. , Boriskina, S.V.	Theory and numerical design of coupled-resonator optical waveguide sections with bends (2007) Proceedings of SPIE - The International Society for Optical Engineering, 6645, статья № 664521, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37149047511&doi=10.1117%2F12.734150&partnerID=40&md5=fb02c0650a21250afc6d4f3d401529f3

	Pishko, S.V. , Boriskina, S.V.	Pre- and post-fabrication tuning of bends in microdisk CROW sections: A numerical study (2007) Proceedings of 2007 9th International Conference on Transparent Optical Networks, ICTON 2007, 4, статья № 4296371, pp. 176-179.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-48349123780&doi=10.1109%2FICTON.2007.4296371&partnerID=40&md5=893a4b764e1e57c7d587c11de0d1e671
	Pishko, S.V. , Sewell, P.D., Benson, T.M., Boriskina, S.V.	Efficient analysis and design of low-loss whispering-gallery-mode coupled resonator optical waveguide bends (2007) Journal of Lightwave Technology, 25 (9), pp. 2487-2494.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548621443&doi=10.1109%2FJLT.2007.903295&partnerID=40&md5=116b3828c10294e9204f3548c3916ac
	Boriskina, S.V., Pishko, S.V. , Boriskina, A.V.	Optical spectra and output coupling engineering in hybrid WG-mode micro- and meso-scale cavity structures (2006) 2006 International Conference on Transparent Optical Networks, 1, статья № 4013660, pp. 84-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845638056&doi=10.1109%2FICTON.2006.248246&partnerID=40&md5=f850f69597fb511bda7a1cc8d9ad208b
	Boriskina, S.V., Pishko, S.V. , Benson, T.M., Sewell, P.	Electromagnetic energy transport above and below the diffraction limit in mesoscale coupled-cavity photonic and plasmonic waveguides (2006) Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, статья № 1689747, pp. 213-215.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547297341&partnerID=40&md5=42471aa10d6b6feaf27f957c27131bae
406	Ageev, L.A., Miloslavskii, V.K., Plavskaya, E.I.	Instability and optical turbulence in the formation of spontaneous gratings in single-mode photosensitive AgCl-Ag films (2000) Optika i Spektroskopiya, 88 (6), pp. 1005-1009.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041430467&partnerID=40&md5=8a7f4c5227753f9a5154306a6bfa188f
	Ageev, L.A., Plavskaya, E.I. , Miloslavskii, V.K.	Spontaneous periodic structures induced in thin AgCl-Ag films by the continuum in the case of optical rotation of the plane of polarization (2000) Optika i Spektroskopiya, 88 (5), pp. 863-868.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749393220&partnerID=40&md5=95e6b913db2fa5510d86d9a4abfa90f2
	Ageev, L.A., Miloslavskii, V.K., Plavskaya, E.I.	Instability and Optical Turbulence in the Formation of Spontaneous Gratings in Single-Mode Photosensitive AgCl-Ag Films (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (6), pp. 916-920.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141784085&doi=10.1134%2F1.626900&partnerID=40&md5=6a4e55ec07c6c81aba687de79fdb8642
	Ageev, L.A., Plavskaya, E.I. , Miloslavskii, V.K.	Spontaneous Periodic Structures Induced in Thin AgCl-Ag Films by the Continuum in the Case of Optical Rotation of the Plane of Polarization (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (5), pp. 784-789.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141560722&doi=10.1134%2F1.626878&partnerID=40&md5=ce7a6e710b506c82b0cce3c66e4a9fc3
	Ageev, L.A., Miloslavskii, V.K., Plavskaya, E.I.	Recording of the optical rotation spectrum using the Weigert effect in AgCl-Ag films (1999) Journal of Optics A: Pure and Applied Optics, 1 (6), pp. 668-672.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033326187&doi=10.1088%2F1464-4258%2F1%2F6%2F303&partnerID=40&md5=3d4a490097724c8e6d66d6b3bcc61dd5
407	Podpruzhnikova, E.V. , Khoroshevskii, Yu.M., Zarechenskii, V.M., Zverev, M.P.	Complexation and ion-exchange properties of VION AN-1 fibrous ion-exchanger (2000) Russian Journal of Physical Chemistry A, 74 (8), pp. 1380-1382.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034336176&partnerID=40&md5=cbd016659b4b46a0f0db15319d478ff8
	Podpruzhnikova, E.V. , Khoroshevskii, Yu.M., Zarechenskii, V.M., Zverev, M.P.	Complexation and ion-exchange properties of VION AN-1 fibrous ion-exchanger (2000) Zhurnal Fizicheskoi Khimii, 74 (8), pp. 1526-1528.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033803915&partnerID=40&md5=a45f39c35eed62796ff217011410cdf
	Khoroshevskii, Yu.M., Podpruzhnikova, E.V. , Zarechenskii, V.M., Zverev, M.P.	Protolytic and complexing properties of VION AN-1 fibrous ionite (1997) Zhurnal Fizicheskoi Khimii, 71 (5), pp. 864-869.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0001729993&partnerID=40&md5=b46f3fe025b98a10720fb270f18118a7
	Khoroshevskii, Yu.M., Podpruzhnikova, E.V. , Zarechenskii, V.M., Zverev, M.P.	Protolytic and complexing properties of VION AN-1 fibrous ionite (1997) Russian Journal of Physical Chemistry A, 71 (5), pp. 766-770.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031497040&partnerID=40&md5=10b3f2ceb5f51a7fc73b6ba49ef95651
	Khoroshevskii, Yu.M., Zarechenskii, V.M., Podpruzhnikova, E.V.	Determination of ionization constants of strongly acidic cation exchangers (1996) Russian Journal of Applied Chemistry, 69 (1), pp. 37-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-29344434304&partnerID=40&md5=95735d00945214a8b4bdeae08fda303
407	Chernogor, L.F., Frolov, V.L., Pushin, V.F.	Infrasound oscillations in the ionosphere affected by high-power radio waves (2012) Radiophysics and Quantum Electronics, 55 (5), pp. 296-308.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874497573&doi=10.1007%2Fs11141-012-9369-x&partnerID=40&md5=d74d191208b84b1f220c778f2bfc5b5
	Chernogor, L.F., Frolov, V.L., Komrakov, G.P., Pushin, V.F.	Variations in the ionospheric wave perturbation spectrum during periodic heating of the plasma by high-power high-frequency radio waves (2011) Radiophysics and Quantum Electronics, 54 (2), pp. 75-88.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052674032&doi=10.1007%2Fs11141-011-9272-x&partnerID=40&md5=d38114114c2921316650b78de6bac6e2
	Pushin, V.F. , Kostrov, L.S.	3-D ray-tracing synthesis of multiparameter ionograms as obtained by digital sounders in a disturbed ionosphere (1999) Telecommunications and Radio Engineering (English translation of Elektrosvyaz i Radiotekhnika), 53 (2), pp. 58-64.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-28044466026&partnerID=40&md5=8a0ba234c25f1020dd2dca752b5e81a611
	Pushin, V.F. , Fedorenko, V.N., Fedorenko, Yu.P., Tynov, O.F., Shagimuratov, I.I.	Space correction of global models of electron number density in the ionosphere by receiving at one site signals from low-orbit satellites (1999) Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 24 (4), pp. 375-378.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032764250&doi=10.1016%2Fs1464-1917%2F899%2F2900015-X&partnerID=40&md5=e4c38340c5efcab9c962ef05298802df
	Pushin, V.F. , Fedorenko, V.N., Fedorenko, Yu.P.	Methods of determining the maximum electron concentration of the F2 region of the ionosphere using satellite signals (1996) Cosmic Research, 34 (5), pp. 438-441.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27144517181&partnerID=40&md5=6a128340482412c7f5657678f7f96fac
408	Rom-Boguslavskaya, E.S. , Somova, E.V., Ovsianikova, T.N., Diageleva, E.A., Karachentsev, I.I., Asaula, V.A.	Lipid peroxidation in thyroid tissue of people with diffuse toxic goiter [Peroksidnoe okislenie lipidov v tkani schitovidnoi zhelezy luidei, bol'nykh diffuznym toksicheskim zobom.] (1997) Ukrainii biokhimiicheskii zhurnal, 69 (4), pp. 111-114.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031175135&partnerID=40&md5=fa7f26b11fba09c2244749f593123e3e
	Rom-Boguslavskaya, E.S. , Gal'chinskaya, V.G., Ozerova, M.R.	Function of the serotonergic system of the thyrotoxic thyroid [Funktsional'noe sostoianie serotoninergicheskoi sistemy tireotoksicheskoi schitovidnoi zhelezy.] (1986) Biulleten' eksperimental'noi biologii i meditsiny, 101 (2), pp. 161-163.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022668847&partnerID=40&md5=48c431fc1f34fe59700a437443705291
	Rom-Boguslavskaya, E.S.	Hyperaldosteronism [Giper'aldosteronizm.] (1982) Sovetskaya Meditsina, (4), pp. 62-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020010498&partnerID=40&md5=bedf36fd6d013bc99b57be1dc483926
	Smolenskii, V.S., Rom-Boguslavskaya, E.S. , Abinder, A.A., Levchenko, T.P.	Efficacy in the use of beta-adrenergic blockers in the treatment of thyrotoxic disorders of the heart [O tselesoobraznosti primeneniia beta-adrenoblokatorov pri lechenii tireotoksicheskogo porazheniia serdtsa.] (1973) Problemy Endokrinologii, 19 (6), pp. 20-25.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015685218&partnerID=40&md5=b6f0f02b52f723566b6c5f5ea90b584c
	Rom-Boguslavskaya, E.S. , Tikhonova, E.P.	Gas exchange during increased functional activity of the thyroid gland [K kharakteristike sostoiianiia gazoobmena pri povyshenii funktsional'noi aktivnosti schitovidnoi zhelezy.] (1971) Zhurnal eksperimental'noi i klinicheskoi meditsiny, 11 (6), pp. 46-53.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0015182003&partnerID=40&md5=5b0ca174d8ea13dec6db87c5728cab9c
409	Volkova, O., Ryabokon, E. , Magda, I., Shkhorbatov, Y.	IMPACT OF SMOKING HABITS ON THE STATE OF CHROMATIN AND MORPHOLOGY OF BUCCAL EPITHELIAL CELLS AMONG MEDICAL STUDENTS (2017) Georgian medical news, (262), pp. 111-115.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017486650&partnerID=40&md5=b42e4d03b75141418d5e5d624d995f33
	Furyk, E., Ryabokon, E.	[Clinical and immunological features of acute hepatitis B in patients with concomitant chronic toxic liver damage]. (2013) Georgian medical news, (215), pp. 46-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891621292&partnerID=40&md5=a5b673b99396afd96cab68e0b43e3079
	Ryabokon, E.O.	Absolute cross-section of turbojet aviation engine calculation (2012) Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 11th International Conference, TCSET'2012, статья № 6192696, p. 449.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861414417&partnerID=40&md5=601d84f7a0ed02853f506d7d9b98bd9a9

	Smirnov, O.L., Stavitskiy, O.M., Ryabokon, E.O. , Chepiga, V.M.	Efficiency of nonlinear scheme of compromises for tracking mode of multifunctional radar station (2010) KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5632944, pp. 1251-1252.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650323874&partnerID=40&md5=81ef0f4a4b332d549400638e8d9c4f156
	Ryabokon, E.O. , Sukharevsky, I.O.	Improvement of radome-enclosed antenna directivity and bore-sight error correction by using various dielectric materials in the construction of a radome wall (2010) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 69 (7), pp. 619-628.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953970671&doi=10.1615%2FTelecomRadEng.v69.i7.40&partnerID=40&md5=3a3146ca8ded1243627963b77022585c
410	Chueshov, I., Ryzhkova, I.	A global attractor for a fluid-plate interaction model (2013) Communications on Pure and Applied Analysis, 12 (4), pp. 1635-1656.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873324164&doi=10.3934%2Fcpaa.2013.12.1635&partnerID=40&md5=cbe3ab47147cd8a9746871709b5fddc6
	Chueshov, I., Ryzhkova, I.	On the interaction of an elastic wall with a poiseuille-type flow (2013) Ukrainian Mathematical Journal, 65 (1), pp. 158-177.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883454288&doi=10.1007%2Fs11253-013-0771-0&partnerID=40&md5=19028674972478ca44fd72c8359b69cf
	Chueshov, I., Ryzhkova, I.	Well-posedness and long time behavior for a class of fluid-plate interaction models (2013) IFIP Advances in Information and Communication Technology, 391 AICT, pp. 328-337.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874450855&doi=10.1007%2F978-3-642-36062-6_33&partnerID=40&md5=cc25050f31459738a01bb5e0dd42e65c
	Chueshov, I., Ryzhkova, I.	Unsteady interaction of a viscous fluid with an elastic shell modeled by full von Karman equations (2013) Journal of Differential Equations, 254 (4), pp. 1833-1862.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871414381&doi=10.1016%2Fj.jde.2012.11.006&partnerID=40&md5=3145a609cd0f5626c5d4096fc6836
	Ryzhkova, I.	Dynamics of a thermoelastic von Kármán plate in a subsonic gas flow (2007) Zeitschrift für Angewandte Mathematik und Physik, 58 (2), pp. 246-261.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-34047138017&doi=10.1007%2Fs00033-006-0080-7&partnerID=40&md5=f58e6b2a8e0f75ef0540441f248ed225
411	Semenenko, V.Ye. , Pylypenko, M.M.	Dispersion ageing of the Mo-Zr-C alloys (2008) Problems of Atomic Science and Technology, (1), pp. 205-210.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549275099&partnerID=40&md5=be20fa0a7f2d7dbfa90c2617ce15d14b
	Azhazha, V.M., Azarenkov, N.A., Semenenko, V.Y. , Kuz'min, A.V.	Peculiarities of the obtaining and properties of the natural compositional materials on basis of the high-melting metals (2008) Metallofizika i Noveishie Tekhnologii, 30 (SPEC. ISS.), pp. 277-288.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63749120077&partnerID=40&md5=71717515c7dc5fecfb734be6b880e8de
	Semenenko, V.Y. , Posukhov, A.S., Stervoyedov, N.G.	The procedure for determining diffusion parameters in heterophase materials (2008) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 67 (8), pp. 751-756.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44249108817&doi=10.1615%2FTelecomRadEng.v67.i8.80&partnerID=40&md5=ec248b1cfc0ec985294bdc39a823034
	Borodavka, A.Y., Posukhov, A.S., Semenenko, V.Y. , Stervoyedov, S.N.	Computer-based complex for research of diffusion processes in metals and alloys with radioactive method (2005) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 64 (8), pp. 683-690.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846664437&doi=10.1615%2FTelecomRadEng.v64.i8.100&partnerID=40&md5=aa3019802856e78d1596b6b31e8538d0
	Ivanov, I.G., Nagi, M.R., Ryabinina, Ye.Z., Semenenko, V.Ye.	KINETIC ASPECTS OF PLASTIC DEFORMATION OF IRON DURING THE gamma yields alpha PHASE TRANSITION. (1978) Physics of Metals and Metallography (English translation of Fizika Metallov i Metallovedenie), 46 (1), pp. 137-141.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0018244015&partnerID=40&md5=a751694aad046da17f7fcd6f5a3a8f6
412	Dyka, L.D., Shakina, L.A. , Strashnyuk, V.Y., Shkhorbatov, Y.G.	Effects of 36.6 GHz and static magnetic field on degree of endoreduplication in Drosophila melanogaster polytene chromosomes (2016) International Journal of Radiation Biology, 92 (4), pp. 222-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961120408&doi=10.3109%2F0953002.2016.1137105&partnerID=40&md5=aad0227d612cf01416c55b7a6b1023c1
	Shakina, L.A. , Strashnyuk, V.Y.	Genetic, molecular, and humoral endocycle-regulating mechanisms (2011) Russian Journal of Genetics, 47 (10), pp. 1151-1160.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053621904&doi=10.1134%2FS1022795411100164&partnerID=40&md5=354a73d63b3972138b1d027b38087e35
	Shakina, L.A. , Strashnyuk, V.I.	[Genetic, molecular, and humoral endocycle-regulating mechanisms]. (2011) Genetika, 47 (10), pp. 1297-1306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856601048&partnerID=40&md5=8ef779e1fcb811655d0d59232348a27
	Shakina, L.A. , Pasiuga, V.N., Dumin, O.M., Shkhorbatov, Y.G.	Effects of microwaves on the puffing pattern of D. melanogaster (2011) Central European Journal of Biology, 6 (4), pp. 524-530.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956329572&doi=10.2478%2Fs11535-011-0032-x&partnerID=40&md5=eee8f5b829151271dbbc30a0f0bbbeb4
	Shkhorbatov, Y., Pasiuga, V., Shakina, L. , Grabina, V., Kolchigin, N., Ivanchenko, D., Kazansky, O., Bykov, V.	Drosophila melanogaster viability and mutability under the influence of low energy microwave monochromatic and ultra wideband impulse field (2007) 2007 6th International Conference on Antenna Theory and Techniques, ICATT'07, статья № 4425188, pp. 289-291.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849127731&doi=10.1109%2FICATT.2007.4425188&partnerID=40&md5=26dc8d67ed48fe2f9a61e6db519aac5f
413	Shekhovtsov, A.G.	Soil mycobiota of relict birch forests in mountainous Crimea (2003) Mikologiya i Fitopatologiya, 37 (3), pp. 64-69.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042287663&partnerID=40&md5=43217103fe27ed12404402c5de7ddc93
	Shekhovtsov, A.G. , Vinnikova, O.I., Patlay, I.N., Smolyaninov, I.I.	The soil mycoflora of geographical pine cultures in central part of Ukrainian Eastern forest-steppe (2002) Mikologiya i Fitopatologiya, 36 (4), pp. 36-41.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036447224&partnerID=40&md5=a136e582d058e0b916e70bbda0ed5a2
	Shekhovtsov, A.G. , Vinnikova, O.I., Patlay, I.N., Smolyaninov, I.I.	The soil mycoflora of geographical pine cultures in southern part of Ukrainian Eastern Forest-Steppe (2002) Mikologiya i Fitopatologiya, 36 (3), pp. 32-36.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036034729&partnerID=40&md5=2a84a343fb350f60eb1fddcdfee1ae5
	Shekhovtsov, A.G.	Penicillium syriacum as a new species for mycoflora of Ukraine and Russia (2001) Mikologiya i Fitopatologiya, 35 (3), pp. 34-35.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035613478&partnerID=40&md5=5ac8dce8db2fd65d40a5e0425536234
	Shekhovtsov, A.G. , Ellanskaya, I.A., Digol, D.	Fusariums in forest phytocenoses soils in Ukraine and some regions of Russia (1998) Mikologiya i Fitopatologiya, 32 (5), pp. 79-84.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-23044482996&partnerID=40&md5=12283da96171bc4f4265c8d918a94211
414	Trofimov, I.N., Dudush, A.S., Shevchenko, A.F.	Multi-frequency signal forming for MIMO radars with fast electronic scanning (2015) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 74 (5), pp. 409-422.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937064829&doi=10.1615%2FTelecomRadEng.v74.i5.40&partnerID=40&md5=b9c09fee2b304e186efc059351ff954
	Shevchenko, A. , Tyutyunnik, V., Trofimov, I., Ivanec, M., Filippenkov, A.	Method for forming space-time waveforms with rectangular envelope using multifrequency array (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136819, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939449901&doi=10.1109%2FICATT.2015.7136819&partnerID=40&md5=a2ce16f2db43f6a0feb4007cba4187e8
	Bezverhij, A.V., Sedyshev, Y.N., Shevchenko, A.F. , Tyutyunnik, V.A.	Peculiarities of numerical simulation of directional characteristics of antenna array with multifrequency aperture currents (2011) 8th International Conference on Antenna Theory and Techniques, ICATT'11, статья № 6170735, pp. 161-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860009210&doi=10.1109%2FICATT.2011.6170735&partnerID=40&md5=a82d0c69c518e42c97d8afaa4bd48c31
	Sedyshev, Yu.N., Sedyshev, P.Yu., Tyutyunnik, V.A., Shevchenko, A.F.	Peculiarities of using space-time multi-frequency signals for fast electronic scanning in radars with active phased antenna array (2010) Radioelectronics and Communications Systems, 53 (4), pp. 173-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952402400&doi=10.3103%2FS0735272710040011&partnerID=40&md5=62cf4dbf58363a0dd8e1dce2884b5aa7
	Shevchenko, A.F. , Zamyatin, V.I., Bondarenko, I.M.	Impulse formation by spatial-time phase encoding (2006) UWBUSIS 2006 - 2006 3rd International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 4099271, pp. 232-235.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-46249113171&doi=10.1109%2FUWBUSIS.2006.3072138&partnerID=40&md5=eb2dfbfa174e5fa19bab2fe69bdc9b8b
415	Babenko, N.A., Shevereva, V.M. , Gar'kavenko, V.V.	Effects of Chronic Neurogenic Stress on Behavior of Rats and Contents of Sphingolipids in Their Brain and Peripheral Tissues (2017) Neurophysiology, 1-8. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016409278&doi=10.1007%2Fs11062-017-9608-z&partnerID=40&md5=0f987dc4d3ce91a1073a2af9fc7d14424
	Babenko, N.A., Shevereva, V.M. , Gar'kavenko, V.V.	Changes in the Sphingolipid Content in Tissues and Behavioral Modifications of Rats Subjected to Neurogenic Stress: Role of Sphingomyelinases (2016) Neurophysiology, 48 (6), pp. 390-398.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016506141&doi=10.1007%2Fs11062-017-9615-0&partnerID=40&md5=a06480dcf1c0d638ebc119bc96f4f4db

	Shevereva, V.M.	Peculiarities of Behavior and Emotional Reactions of Old Rats under Conditions of Brain Self-Stimulation Combined with Injections of Melatonin (2014) Neurophysiology, 46 (6), pp. 471-477.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940002874&doi=10.1007%2f11062-015-9476-3&partnerID=40&md5=1de3b9731c3675368c99cef19169f461
	Shevereva, V.M.	Peculiarities of Formation and Reversibility of Neurogenic Stress-Related Emotional Disorders in Rats (2003) Neurophysiology, 35 (2), pp. 133-142.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0942288118&doi=10.10239:2fA9:3a1026020926395&partnerID=40&md5=d9c3b14191549b036cbe5ce375097121
	Vorob'eva, T.M., Shevereva, V.M.	The neurophysiological mechanisms of the effects of normal transcranial micropolarization and during the modelling of emotional disorders [Нейрофизиологические механизмы эффектов транскраниальной микрополяризации и при моделировании эмоциональных нарушений.] (1990) Fiziologiya cheloveka, 16 (3), pp. 42-49.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025428424&partnerID=40&md5=22594b9319a546036f189ca19c109c4
416	Orlov, V.D., Sidorenko, D.Yu.	Carbo[3 + 3] cyclocondensation reactions. A new method for the synthesis of tetrahydropyrazolo[1,5-b]quinazolines and tetrahydropyrazolo[4,5-b]quinolines (2012) Chemistry of Heterocyclic Compounds, pp. 1-8. Article in Press.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864509290&doi=10.1007%2f110593-012-1039-6&partnerID=40&md5=7f152ae03493b26dfe9434dbf80e58ff
	Orlov, V.D., Sidorenko, D.Yu.	Carbo[3+3] cyclocondensation reactions. a new method for the synthesis of tetrahydro-pyrazolo[1,5-b]quinazolines and tetrahydro-pyrazolo[4,5-b]quinolines (2012) Chemistry of Heterocyclic Compounds, 48 (4), pp. 650-657.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867228648&doi=10.1007%2f110593-012-1039-6&partnerID=40&md5=2dd5fbfd9900117d354b67f6d67a938
	Sidorenko, D.Y. , Orlov, V.D.	Synthesis of azoloquinazolinic systems using ultrasound (2011) Ultrasonics Sonochemistry, 18 (1), pp. 300-302.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956444538&doi=10.1016%2fj.ultsonch.2010.06.003&partnerID=40&md5=cfe4251f4e6a65ba58c47ad8c6afcdde
	Sidorenko, D.Y. , Orlov, V.D.	Synthesis of [1,2,4]triazolo[1,5-a]quinazolines from 7-methyl-5-phenyl-4,7-dihydro[1,2,4]triazolo[1,5-a]pyrimidine (2010) Mendeleev Communications, 20 (3), pp. 170-171.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954211244&doi=10.1016%2fj.mencom.2010.05.016&partnerID=40&md5=3d5bb9065b2b605330939eb0e1255207
	Sidorenko, D.Yu. , Orlov, V.D.	Benzannulation of 5-methyl-7-phenyl-4,7-dihydro-tetrazolo[1,5-a]pyrimidine with chalcones and their synthetic equivalents as a method for the synthesis of tetrazolo[5,1-b]quinazolines (2008) Russian Chemical Bulletin, 57 (9), pp. 2005-2010.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-68749106985&doi=10.1007%2f11172-008-0270-x&partnerID=40&md5=ddcc5e53a14bfabc747bb02ad2f8bab
417	Tsvetkova, V.S., Vakulik, V.G., Shulga, V.M., Schild, R.E., Dudinov, V.N., Minakov, A.A., Nuritdinov, S.N., Artamonov, B.P., Kochetov, A.Y., Smirnov, G.V., Sergeyev, A.A., Konichek, V.V., Sinelnikov, I.Y. , Zheleznyak, A.P., Bruevich, V.V., Gaisin, R., Akhunov, T., Burkhonov, O.	PG 1115+080: Variations of the A2/A1 flux ratio and new values of the time delays (2010) Monthly Notices of the Royal Astronomical Society, 406 (4), pp. 2764-2776.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955376555&doi=10.1111%2fj.1365-2966.2010.16882.x&partnerID=40&md5=14974651b720ec3a97613df9667f1d5
	Vakulik, V.G., Shulga, V.M., Schild, R.E., Tsvetkova, V.S., Dudinov, V.N., Minakov, A.A., Nuritdinov, S.N., Artamonov, B.P., Kochetov, A.Y., Smirnov, G.V., Sergeyev, A.A., Konichek, V.V., Sinelnikov, I.Y. , Bruevich, V.V., Akhunov, T., Burkhonov, O.	Time delays in PG 1115+080: New estimates (2009) Monthly Notices of the Royal Astronomical Society: Letters, 400 (1), pp. L90-L93.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955352199&doi=10.1111%2fj.1745-3933.2009.00770.x&partnerID=40&md5=6742fd2da8fb1fc7ef78a42b7f549dff
	Vakulik, V.G., Schild, R.E., Dudinov, V.N., Tsvetkova, V.S., Zheleznyak, A.P., Konichek, V.V., Sinelnikov, I.Ye. , Burkhonov, O.A., Artamonov, B.P., Bruevich, V.V.	Color effects associated with the 1999 microlensing brightness peaks in gravitationally lensed quasar Q2237+0305 (2004) Astronomy and Astrophysics, 420 (2), pp. 447-457.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942619093&doi=10.1051%2f0004-6361%3a20034104&partnerID=40&md5=990280e2e45f22fa561eb9c73f20c4a4
	Colley, W.N., Schild, R.E., Abajas, C., Alcalde, D., Aslan, Z., Bikmaev, I., Chavushyan, V., Chinarro, L., Cournoyer, J.-P., Crowe, R., Dudinov, V., Evans, A.K.D., Jeon, Y.-B., Goicoechea, L.J., Golbasi, O., Khamitov, I., Kjernsmo, K., Lee, H.J., Lee, J., Lee, K.W., Lee, M.G., Lopez-Cruz, O., Mediavilla, E., Moffat, A.F.J., Mujica, R., Ullan, A., Muñoz, J., Oscoz, A., Park, M.-G., Purves, N., Saanum, O., Sakhibullin, N., Serra-Ricart, M., Sinelnikov, I. , Stabell, R., Stockton, A., Teuber, J., Thompson, R., Woo, H.-S., Zheleznyak, A.	Around-the-clock observations of the Q0957+561A,B gravitationally lensed quasar. II. Results for the second observing season (2003) Astrophysical Journal, 587 (1 I), pp. 71-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0041331529&doi=10.1086%2f368076&partnerID=40&md5=63cf2e6a900a3d7ad44bf8ae1b0f47d1
	Colley, W.N., Schild, R.E., Abajas, C., Alcalde, D., Aslan, Z., Barrera, R., Dudinov, V., Khamitov, I., Kjernsmo, K., Lee, H.J., Lee, J., Lee, M.G., Licandro, J., Maoz, D., Mediavilla, E., Motta, V., Muñoz, J., Oscoz, A., Serra-Ricart, M., Sinelnikov, I. , Stabell, R., Teuber, J., Zheleznyak, A.	Around the clock observations of the Q0957 + 561A,B gravitationally lensed quasar (2002) Astrophysical Journal, 565 (1 I), pp. 105-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-18544397785&doi=10.1086%2f338135&partnerID=40&md5=c3e80ae9401063f8074dd2e585db341d
	Korobov, V.I., Sklyar, K.V., Skoryk, V.O.	Stepwise synthesis of constrained controls for single input nonlinear systems of special form (2016) Nonlinear Differential Equations and Applications, 23 (3), статья № 31, .	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008440581&doi=10.1007%2f100030-016-0385-y&partnerID=40&md5=ddf9b7691a12b9742ebd4446cb422fb1
	Korobov, V.I., Skoryk, V.O.	Construction of a Set of Restricted Inertial Controls for C(1)-Smooth Affine Systems with Multidimensional Control (2015) Journal of Dynamical and Control Systems, 21 (4), pp. 513-538.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941413165&doi=10.1007%2f110883-015-9284-5&partnerID=40&md5=bbf59eda5a4ebb2a9e323180d8f555f6
	Korobov, V.I., Skoryk, V.O.	Construction of restricted controls for a non-equilibrium point in global sense (2015) Vietnam Journal of Mathematics, 43 (2), pp. 459-469.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930213059&doi=10.1007%2f110013-015-0132-4&partnerID=40&md5=1c5dceea5ac5c3878cea725202988699
	Sklyar, K.V., Ignatovich, S.Yu., Skoryk, V.O.	Conditions of linearizability for multi-control systems of the class C1 (2014) Communications in Mathematical Analysis, 17 (2), pp. 359-365.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919654765&partnerID=40&md5=f7f37dfba64ef531c88bd5dc69e2e07f
	Korobov, V.I., Skoryk, V.O.	Synthesis of restricted inertial controls for systems with multivariate control (2002) Journal of Mathematical Analysis and Applications, 275 (1), pp. 84-107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036869046&doi=10.1016%2fS0022-247X%2802%2900243-3&partnerID=40&md5=7a33901545069029dc879f3c98a67d03
418	Odarenko, E.N., Smat'ko, A.A.	Photonic crystal waveguides in O-type electron devices (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869754788&partnerID=40&md5=82f0a104c11468fb07f70a0303944a
	Odarenko, E.N., Svich, V.A., Smat'ko, A.A.	Transformation of Gaussian beam polarization by metamaterial layer (2009) KpbiMuKo 2009 CriMiCo - 2009 19th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 5293005, pp. 567-568.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73949124476&partnerID=40&md5=f7080dc2b20fec7514dee1232f54a1b
	Odarenko, E.N., Svich, V.A., Smat'ko, A.A.	Effect of the focusing field induction on the klystron amplifier characteristics (2008) KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 4676348, pp. 196-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049169268&doi=10.1109%2fCRMICO.2008.4676348&partnerID=40&md5=0125c9ce07015578db5ab3359f31012a

	Odarenko, E.N., Smat'ko, A.A.	Nonresonant O-type amplifier with inclined focusing field (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, статья № 4368669, pp. 167-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149085530&doi=10.1109%2FCRIMICO.2007.4368669&partnerID=40&md5=e88b007aa53581fd878fdd338345c42
	Odarenko, E.N., Svich, V.A., Smat'ko, A.A.	Wave beam scattering by thin lossy dielectric cylinder (2007) 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, статья № 4368792, pp. 934-935.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-50149101112&doi=10.1109%2FCRIMICO.2007.4368792&partnerID=40&md5=23fc88df02976d1c8ac49d973deed802
419	Dorohov, V.L., Rozumenko, V.T., Somov, V.G. , Tynov, O.F.	Upgrades to the Kharkiv V. N. Karazin National University MF radar antenna (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650781, pp. 370-372.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898604833&doi=10.1109%2FICATT.2013.6650781&partnerID=40&md5=07ec656a531697c39b6d1abd10780489
	Kuzovnikov, A.V., Somov, V.G. , Anzhina, V.A., Leusenko, V.A.	Digital filtering of signals with a priori unknown parameters (2012) Journal of Communications Technology and Electronics, 57 (3), pp. 310-318.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859239212&doi=10.1134%2FIS1064226912030126&partnerID=40&md5=fd1ca9d0923dd17e50583c21c7ac7b7c
	Somov, V.G. , Leusenko, V.A., Tyapkin, V.N., Shajdurov, G.Ya.	Effect of nonlinear and focusing ionospheric properties on qualitative characteristics of radar in the decametric-wave band (2003) Radiotekhnika i Elektronika, 48 (8), pp. 932-941.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142055039&partnerID=40&md5=398cfde2f8cda21c803af5cda63b0397
	Somov, V.G. , Leusenko, V.A., Tyapkin, V.N., Shajdurov, G.Ya.	Effect of nonlinear and focusing ionospheric properties on qualitative characteristics of radar in the decametric-wave band (2003) Journal of Communications Technology and Electronics, 48 (8), pp. 850-858.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-9144231988&partnerID=40&md5=ee0947594220ba98471a3a1182aafa29
	Yampolski, Y.M., Beley, V.S., Kascheev, S.B., Koloskov, A.V., Somov, V.G. , Hysell, D.L., Isham, B., Kelley, M.C.	Bistatic HF radar diagnostics induced field-aligned irregularities (1997) Journal of Geophysical Research A: Space Physics, 102 (A4), статья № 97JA00037, pp. 7461-7467.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-37149032845&partnerID=40&md5=c294675426f6ee83c5fc41ee763d5256
420	Starodubtseva, O.M.	Polarization of Jupiter: Semiannual variations in the north-south asymmetry (2009) Solar System Research, 43 (4), pp. 277-284.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350001987&doi=10.1134%2FS0038094609040017&partnerID=40&md5=cbc686abd8acd50a225d5f01c74d577
	Shalygina, O.S., Korokhin, V.V., Starukhina, L.V., Shalygin, E.V., Marchenko, G.P., Velikodsky, Yu.I., Starodubtseva, O.M. , Akimov, L.A.	The north-south asymmetry of polarization of Jupiter: The causes of seasonal variations (2008) Solar System Research, 42 (1), pp. 8-17.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-38849093189&doi=10.1007%2F11208-008-1002-3&partnerID=40&md5=4d9dccc11582e87fa65c30235a944a9c
	Starodubtseva, O.M. , Akimov, L.A., Korokhin, V.V.	Seasonal variations in the North-South asymmetry of polarized light of Jupiter (2002) Icarus, 157 (2), pp. 419-425.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036325494&doi=10.1006%2Ficar.2002.6820&partnerID=40&md5=bd811e3d9126a40f71e76cb89a4f22af
	Starodubtseva, O.M.	Time variations of north-south dissymmetry in the polarized emission of Jupiter (1997) Solar System Research, 31 (3), pp. 191-197.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-27844502277&partnerID=40&md5=80b7d6eb61b6fb3f8791bce4f77041ae
	Starodubtseva, O.M. , Akimov, L.A., Korokhin, V.V.	Temporal changes in the north-south asymmetry of polarized light of Jupiter may be associated with the comet SL9 visit to the Jovian system (1997) Planetary and Space Science, 45 (10), pp. 1183-1188.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009819920&partnerID=40&md5=c32637f089e6b6dd2500855a7934a51a
421	Shakina, L.A., Strashniuk, V.I.	[Genetic, molecular, and humoral endocycle-regulating mechanisms]. (2011) Genetika, 47 (10), pp. 1297-1306.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856601048&partnerID=40&md5=8ef779e1fcb811655d0d59232348a27
	Zhuravleva, L.A., Strashniuk, V.I. , Shakhbazov, V.G.	Effect of culture density on the polyteny degree of giant chromosomes in inbred lines and hybrids of Drosophila melanogaster [Vliianie plotnosti kultury na stepen' politenii gigantskikh khromosom inbrednykh linii i gibridov Drosophila melanogaster.] (2004) TSitologiya i genetika, 38 (3), pp. 46-51.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-16644386856&partnerID=40&md5=39829b7623bcf58b725a27d86eda712e
	Rarog, M.A., Vorob'eva, L.I., Strashniuk, V.I.	Effect of parental age on endoreduplication of giant chromosomes and some quantitative traits in Drosophila melanogaster descendants [Vliianie vozrasta roditel'ei na funktsiiu endoreduplikatsii gigantskikh khromosom i nekotorye kolichestvennye priznaki u potomkov Drosophila melanogaster.] (2004) Ontogenez, 35 (1), pp. 47-52.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942668698&partnerID=40&md5=4412332dc6435cc32c3330b2033a6815
	Gorenskaia, O.V., Strashniuk, V.I. , Shakhbazov, V.G., Kakpakov, V.T.	Influence of the genotype on the polytene chromosome puffing and bioelectrical properties of cellular nuclei of Drosophila melanogaster treated with ecdysone in vivo and in vitro experiments [Vliianie genotipa na pufing politennykh khromosom i bioelektricheskie svoistva khromatiny iader Drosophila melanogaster v svyazi s deistviem ékdizona v opytakh in vivo i in vitro.] (2003) TSitologiya i genetika, 37 (6), pp. 41-46.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942670859&partnerID=40&md5=21e75d4d68f2d1d6ed362e1038508ad1
	Shakhbazov, V.G., Shkrobatov, I.G., Strashniuk, V.I.	Regulation of nuclear genome activity and bioelectric properties of chromatin and the cell nucleus [Regulatsiia aktivnosti iadernogo genoma i bioelektricheskie svoistva khromatina i kletchnogo iadra.] (1986) Doklady Akademii nauk SSSR, 290 (5), pp. 1255-1258.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022987116&partnerID=40&md5=9600d0c4514682c9ff845e2953930414
422	Kholin, Y.V., Myerniy, S.A., Shabaeva, Y.V., Khristenko, I.V., Samoteikin, A.A., Sumskaya, N.R.	Chemisorption of hydrogen ions on aminosilica surfaces at different temperatures (2003) Adsorption Science and Technology, 21 (1), pp. 53-66.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0038608010&doi=10.1260%2F0263170360699813&partnerID=40&md5=0f515f23153117d5ffad41ec77b3d0b7
	Kholin, Yu.V., Khristenko, I.V., Shabaeva, Yu.V., Sumskaya, N.R.	Protolytic and completing properties of 2-aminomethylquinoline covalently anchored on aerosil (1998) Zhurnal Neorganicheskoi Khimii, 43 (1), pp. 82-87.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0343103056&partnerID=40&md5=fd38bde3f980f5b7b593dffa952d060c
	Kholin, Yu.V., Khristenko, I.V., Shabaeva, Yu.V., Sumskaya, N.R.	Protolytic and Complexing Properties of 2-Aminomethylquinoline Covalently Anchored on Aerosil (1998) Russian Journal of Inorganic Chemistry, 43 (1), pp. 75-80.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2542548858&partnerID=40&md5=8ab1595a1845939744cc4bcf737546e3
	Sumskaya, N.R. , Kholin, Yu.V., Zaitsev, V.N.	Microcolumn frontal high-performance liquid chromatography of copper(II) chloride on aminodiphosphonic acid-modified silica (1997) Zhurnal Fizicheskoi Khimii, 71 (5), pp. 905-910.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0008378784&partnerID=40&md5=f06933048b19f6c551fe8d62c25a0ad9
	Sumskaya, N.R. , Kholin, Yu.V., Zaitsev, V.N.	Microcolumn frontal high-performance liquid chromatography of copper(II) chloride on aminodiphosphonic acid-modified silica (1997) Russian Journal of Physical Chemistry A, 71 (5), pp. 802-806.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040647421&partnerID=40&md5=d9d0d0a672be59d4305792d56536433e
423	Korshak, V.F., Postavnicchi, I.V., Tkachenko, N.V.	Changes in the heat of melting of a superelastic eutectic Sn-38 wt % Pb alloy due to preliminary plastic deformation (2015) Physics of Metals and Metallography, 116 (10), pp. 1029-1034.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945176633&doi=10.1134%2FS0031918X15100099&partnerID=40&md5=98cdcd374dd88bf95aaebf42fad5f90
	Blazhevich, S.V., Olkhovik, L.P., Kamzin, A.S., Chernikov, S.V., Kuzmicheva, T.G., Tkachenko, N.V.	Synthesis of fine-grained calcium hexaferrite and investigation of its structural and magnetic parameters (2011) Protection of Metals and Physical Chemistry of Surfaces, 47 (5), pp. 638-644.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-81855203349&doi=10.1134%2FS2070205111020055&partnerID=40&md5=dd479f1f951a8886fac0b1c88527c0f7
	Ol'khovik, L.P., Sizova, Z.I., Tkachenko, N.V. , Shein, V.O., Kalinin, P.S., Khats'ko, E.N., Levitin, E.Y., Koval', A.A.	Magnetic state of nanocrystals of Zn-substituted magnetite (2010) Low Temperature Physics, 36 (3), статья № 006003LTP, pp. 226-229.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954012987&doi=10.1063%2F1.3331495&partnerID=40&md5=82722aeb0a6f8f2c99381f23938cd546
	Zyman, Z., Ivanov, I., Rochmistrov, D., Glushko, V., Tkachenko, N. , Kijko, S.	Sintering peculiarities for hydroxyapatite with different degrees of crystallinity (2001) Journal of Biomedical Materials Research, 54 (2), pp. 256-263.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035255364&doi=10.1002%2F1097-4636%28200102%2954%3a2%261%3b256%3a%3aAID-JBM13%26gt%3b3.0.CO%3b2-B&partnerID=40&md5=74248fcd77a562b55c21a473a5b7f71
424	Tretyak, V.P.	Social policy priorities facilitating Ukraine's shift to sustainable development (2013) Actual Problems of Economics, 143 (5), pp. 176-184.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930006782&partnerID=40&md5=b73fb48370bf40b9e2d67f9236e5d13
	Tretyak, V.P.	Acceleration of efficient mechanisms formation in functioning and development of rural social infrastructure (2012) Actual Problems of Economics, 132 (6), pp. 234-240.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865077065&partnerID=40&md5=d2f156abbdf724d7ba2c9447c0cfabeb

	Tretyak, V.P.	Demographic factors influence upon realization of social sphere development programmes (2011) Actual Problems of Economics, 120 (6), pp. 176-183.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930488232&partnerID=40&md5=19090dc82d93a24cd2664f4acfb19298
	Tretyak, V.P.	Efficiency of regional programs of social sphere development (2010) Actual Problems of Economics, (6), pp. 174-181.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954722656&partnerID=40&md5=546896deda73aac1d9399d697f463f48
	Tretyak, V.P.	Influence of social sphere upon socialization of Ukrainian economy transformation (2009) Actual Problems of Economics, (5), pp. 94-98.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952663785&partnerID=40&md5=e0082105e367c715d757ebc5f197f4e
425	Vakulik, V.G., Schild, R.E., Smirnov, G.V., Dudinov, V.N., Tsvetkova, V.S.	Q2237+0305 source structure and dimensions from light-curve simulation (2007) Monthly Notices of the Royal Astronomical Society, 382 (2), pp. 819-825.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-36348964936&doi=10.1111%2Fj.1365-2966.2007.12422.x&partnerID=40&md5=44415ef09c69d6253bae5cb2280ff52
	Vakulik, V., Schild, R., Dudinov, V., Nuritdinov, S., Tsvetkova, V., Burkhonov, O., Akhunov, T.	Observational determination of the time delays in gravitational lens system Q2237+0305 (2006) Astronomy and Astrophysics, 447 (3), pp. 905-913.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644547021&doi=10.1051%2F0004-6361%3a20053574&partnerID=40&md5=d334ff7fd04c745d16d65fd15f5c0515
	Vakulik, V.G., Schild, R.E., Dudinov, V.N., Minakov, A.A., Nuritdinov, S.N., Tsvetkova, V.S., Zheleznyak, A.P., Konichek, V.V., Sinelnikov, I.Ye., Burkhonov, O.A., Artamonov, B.P., Bruevich, V.V.	Color effects associated with the 1999 microlensing brightness peaks in gravitationally lensed quasar Q2237+0305 (2004) Astronomy and Astrophysics, 420 (2), pp. 447-457.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942619093&doi=10.1051%2F0004-6361%3a20034104&partnerID=40&md5=990280e2e45f22fa561eb9c73f20c4a4
	Schild, R., Vakulik, V.	Microlensing of a ring model for quasar structure (2003) Astronomical Journal, 126 (2 1772), pp. 689-695.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141529799&doi=10.1086%2F376472&partnerID=40&md5=3714c32d69295122ba31be8cec26bca0
	Vakulik, V.G., Dudinov, V.N., Zheleznyak, A.P., Tsvetkova, V.S., Notni, P., Shalyapin, V.N., Artamonov, B.P.	VRI photometry of the Einstein cross Q2237+0305 at Maidanak observatory (1997) Astronomische Nachrichten, 318 (2), pp. 73-79.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0002565999&partnerID=40&md5=210c86e1917f01c5544344b054e7294e
426	Vitushkina, S., Teslenko, M., Váhovská, L., Findoráková, L., Vílková, M., Potočník, I.	Low-dimensional compounds containing cyanido groups. Part XXXI. First simultaneous nucleophilic addition of water and ethanol to dicyanonitrosomethanide anions in the presence of Co(II) (2017) Inorganica Chimica Acta, 456, pp. 49-54.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001889513&doi=10.1016%2Fj.jica.2016.11.016&partnerID=40&md5=79c44f66fa4d87bdf0a36997eb93b2ac
	Váhovská, L., Potočník, I., Vitushkina, S., Walko, M.	Low-dimensional compounds containing cyanido groups. Part XXX. Recrystallization of Co(II) complexes with pseudohalogenide ligands leading to CO<inf>2</inf>-uptake and formation of dicyanoguanidine anion in newly created Co(III) complexes (2016) Polyhedron, 117, pp. 359-366.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976421734&doi=10.1016%2Fj.poly.2016.06.007&partnerID=40&md5=c0a473e978ce2a7f582922011720a9d
	Váhovská, L., Potočník, I., Vitushkina, S., Dušek, M., Titiš, J., Boča, R.	Low-dimensional compounds containing cyanido groups. XXVI. Crystal structure, spectroscopic and magnetic properties of Co(II) complexes with non-linear pseudohalide ligands (2014) Polyhedron, 81, pp. 396-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904657533&doi=10.1016%2Fj.poly.2014.06.046&partnerID=40&md5=e02a60cd87734bdd47acdeafd401008
	Starodub, V.A., Vitushkina, S.V., Kamenskiy, D., Anders, A.G., Cheranovskii, V.O., Schmidt, H., Steinborn, D., Potočník, I., Kajhaková, M., Radvákova, A., Fehér, A.	Peculiarities of crystal structures and magnetic properties of Cu(II) and Ni(II) mixed-ligand complexes on the 1,3-dithiole-2-thione-4,5-dithiolate basis (2012) Journal of Physics and Chemistry of Solids, 73 (2), pp. 350-356.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904785670&doi=10.1016%2Fj.jpcs.2011.10.001&partnerID=40&md5=7eee43e33c594731a83795fec171c484
	Vitushkina, S.V., Starodub, V.A., Pyshkin, O.S.	Synthesis and crystal structure of isothionitroethylenedithiolato-bis(phenanthroline)zinc(II) (2006) Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 32 (4), pp. 237-241.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645728158&doi=10.1134%2F1070328406040026&partnerID=40&md5=e6c344339c1e0bbe3822ab972b04bb91
427	Kononenko, V.G., Bogdanov, V.V., Volosyuk, M.A., Volosyuk, A.V.	Interdiffusion under pressure in KBr-KCl single-crystals system (2016) Functional Materials, 23 (2), pp. 158-164.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976431034&doi=10.15407%2Ffm23.02.158&partnerID=40&md5=8e36d9dad78570f7878f9b2ca85b97bc
	Kononenko, V.G., Bogdanov, V.V., Turenko, A.N., Volosyuk, M.A., Volosyuk, A.V.	The role of crowdon mass transfer in relaxation processes near hard concentrators (2016) Problems of Atomic Science and Technology, 104 (4), pp. 15-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988649375&partnerID=40&md5=3ad42a43be9af199bd01baf1ede80b
	Boyko, Y.I., Volosyuk, M.A., Volosyuk, A.V., Rokhmanov, N.Y.	Contact relaxation phenomena in nano-structured composite materials (2015) Functional Materials, 22 (2), pp. 162-168.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936930430&doi=10.15407%2Ffm22.02.162&partnerID=40&md5=974b329f24406928a4bee42321e14ec7
	Kononenko, V.G., Volosyuk, M.V., Volosyuk, A.V.	Optical break-down in Alkali-Haloid single crystals by laser focused radiation: The stage of local thermal explosion (2015) Problems of Atomic Science and Technology, 99 (5), pp. 15-21.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945253152&partnerID=40&md5=5b59c99850fcd9c3b3ff4b76d4d29d6
	Volosyuk, M.A., Volosyuk, A.V., Rokhmanov, N.Y.	The role of interstitial (crowdon) mass-transfer for crack high-temperature healing under uniaxial loading (2015) Functional Materials, 22 (1), pp. 51-56.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979950696&partnerID=40&md5=97e9e5685c17c5a1d7faea0f06de021
428	Voyevodin, V.N.	Tungsten mineralization in areas of basite-ultrabasic magmatism (2004) Geology of Ore Deposits, 46 (5), pp. 397-408.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10044250150&partnerID=40&md5=3d4da165899207de9d8309506b4c3de7
	Voyevodin, V.N., Voyevodina, S.A.	Compositional evolution of salts in gas-liquid inclusions in mineral associations of tin-ore occurrences illustrated by the east Chukotka volcanic belt (1988) Doklady. Earth science sections, 303 (6), pp. 69-73.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024113203&partnerID=40&md5=e8763423da7afca5a7b13777deba6a2d
	Voyevodin, V.N.	Geological and structural factors controlling the localization of mercury-antimony-tungsten mineralization. (1982) Doklady, Academy of Sciences of the USSR, Earth Science Section, 262, pp. 80-82.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0020216943&partnerID=40&md5=263a18d622bc88a258b36eb8c16a07d
	Voyevodin, V.N.	The relationship between chemical composition of wolframites and the geological conditions of their formation (1981) International Geology Review, 23 (5), pp. 561-570.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934051786&doi=10.1080%2F00206818109455093&partnerID=40&md5=cc6a479c361053ae636f58d342771e8d
	Voyevodin, V.N., Sukhov, K.S.	Tectonics, magmatism, and metallogeny of the mesozoids of eastern chukotka (1977) International Geology Review, 19 (6), pp. 728-736.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947151449&doi=10.1080%2F00206817709471070&partnerID=40&md5=06dafc9d850c8994d118f2e4453ffa3
429	Lebed, A.V., Kalugin, O.N., Vyunnik, I.N.	Properties of 1-1 electrolytes solutions in ethylene glycol at temperatures from 5 to 175°C: Part 1. Conductance measurements and experimental data treatment (1998) Journal of the Chemical Society - Faraday Transactions, 94 (15), pp. 2097-2101.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748612161&partnerID=40&md5=7492bdc9f6f5d5013eb323b89782e171
	Kalugin, O.N., Lebed, A.V., Vyunnik, I.N.	Properties of 1-1 electrolytes solutions in ethylene glycol at temperatures from 5 to 175°C: Part 2. Limiting ion conductances and ion-molecule interactions (1998) Journal of the Chemical Society - Faraday Transactions, 94 (15), pp. 2103-2107.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33748598688&partnerID=40&md5=bce1397784517bd232e15693bcf8ae9e
	Kalugin, O.N., Nerukh, D.A., Vyunnik, I.N., Otlejkina, E.G., Surov, Y.N., Pivnenko, N.S.	IR and NMR studies of hydrogen bonding in hexan-1-ol-tetrabutylammonium iodide solutions in the temperature range 28-145 °C and in tetrachloromethane (1994) Journal of the Chemical Society, Faraday Transactions, 90 (2), pp. 297-303.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0009642690&doi=10.1039%2Fft9949000297&partnerID=40&md5=0f34c1338e43caa8c94b680bb6135347
	Kalugin, O.N., Vyunnik, I.N.	Extreme ionic conductivity and solvent dynamical structure in electrolytic solution (1992) Soviet journal of chemical physics, 10 (5), pp. 1083-1094.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0026958508&partnerID=40&md5=3461552dc6f891993a13fcd499a3c8bd

	Kalugin, O.N., Gubsky, S.M., Vyunnik, I.N. , Grigo, M., Sändig, R.	Temperature dependence of the square-mound potential for 1: 1 electrolytes in acetone, dimethyl sulphoxide and alcohols (1991) Journal of the Chemical Society, Faraday Transactions, 87 (1), pp. 63-71.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0039879554&doi=10.1039/2fT9918700063&partnerID=40&md5=b668e28ce86c10183f16e298ae59a
430	Kolchigin, N.N., Kazansky, O.V., Shi, H., Yu, Z. , Ivanchenko, D.D.	Plane circular array with steering time delay of pulse excitation (2013) 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, статья № 6650766, pp. 326-328.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898605770&doi=10.1109/2fTICATT.2013.6650766&partnerID=40&md5=ef727a4a0a0356f3677deaaa2ec18f14
	Dumin, A.N., Dumina, O.A., Katrich, V.A., Yu, Z.	Radiation of short pulses from the open end of a circular waveguide (2009) Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 68 (20), pp. 1785-1793.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73849111947&doi=10.1615/2fTelecomRadEng.v68.i20.10&partnerID=40&md5=07757a8e09f3ef2d4f3102d1bfa59b9
	Legenkiy, M.N., Yu, Z. , Yu, B.A.	Mode-matching in Time Domain (2008) 2008 4th International Conference on Ultrawideband and Ultrashot Impulse Signals, UWBUSIS 2008, статья № 4669416, pp. 225-227.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-57649198480&doi=10.1109/2fUWBUSIS.2008.4669416&partnerID=40&md5=e4b1673da737256dae48409d4d8f799
	Butrym, A., Yu, Z.	Transient spherical wave front steady in the near zone of an antenna (2007) 2007 6th International Conference on Antennas, Propagation and EM Theory, ICATT'07, статья № 4425172, p. 246.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-44849110035&doi=10.1109/2fICATT.2007.4425172&partnerID=40&md5=aea6162048bba0b5ed7511c2a052e38
	Butrym, A.Yu., Yu, Z. , Tretyakov, O.A.	Energy flow in lossy waveguides for impulse wave propagation (2003) ISAPE 2003 - 2003 6th International Symposium on Antennas, Propagation and EM Theory, Proceedings, статья № 1276812, pp. 819-822.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945161922&doi=10.1109/2fISAPE.2003.1276812&partnerID=40&md5=c7d694a1508610dc6712e946b18553ce
431	Yukhno, G.D. , Krasnoperova, A.P.	Volume and dielectric properties of cesium perchlorate and its solubility in aqueous solutions of polyethylene glycol-600 (2013) Russian Journal of Physical Chemistry A, 87 (12), pp. 2034-2038.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888089604&doi=10.1134/2fIS0036024413120273&partnerID=40&md5=c4492f6b131feb6f5d9ba29134c1add4
	Krasnoperova, A.P., Sytnik, O.Y., Yukhno, G.D. , Bezuglaya, E.P., Lyapunov, N.P.	Relationships in dissolution and solvation of miconazole nitrate in binary and ternary solvents based on polyethylene glycol-400 (2002) Russian Journal of Applied Chemistry, 75 (12), pp. 1935-1938.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1842426347&doi=10.1023/2fA%3a1023379113339&partnerID=40&md5=0c6c23ddcd46ce8fbf74fd68ace95888
	Krasnoperova, A.P., Yukhno, G.D. , Bour-Moskalenko, Z.O.	Viscosity and volume properties of water solutions under effect of γ -irradiation (1991) Ukrainskii Khimicheskii Zhurnal, 57 (1), pp. 25-28.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0025750375&partnerID=40&md5=815a5262da2efd66ca6578d403bb3173
	Krasnoperova, A.P., Yukhno, G.D.	Viscosity and thermodynamic characteristics of the process of viscous flow of aqueous tetraethylene glycol solutions (1988) Soviet progress in chemistry, 54 (12), pp. 22-24.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0024132854&partnerID=40&md5=118993046063db30493802c435b02e0b
	Selyanko, I.T., Karnozhetskii, V., Borisova, T.N., Litmanovich, I.M., Krasnoperova, A.P., Yukhno, G.D.	EMULSIFIED ANTHRACENE OIL AS A FLOTATION REAGENT IN THE CLEANING OF VARIOUS TYPES OF COAL. (1985) Coke & Chemistry (USSR) (English translation of Koks i Khimiya), (1), pp. 10-12.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-0022246243&partnerID=40&md5=5031c1dadd3e54b580573ed3ef2bc470
432	Badiyan, E.E., Tonkopyrad, A.G., Shekhovtsov, O.V., Shurin, R.V., Zetova, T.R.	Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) Functional Materials, 23 (4), pp. 561-569.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008192072&doi=10.15407/2fFm23.04.387&partnerID=40&md5=52b7e2851cfd39984942a2e4fb8f136d
	Badiyan, E.E., Tonkopyrad, A.G., Zetova, T.R. , Shurin, R.V., Talakh, S.V., Dergacheva, A.V.	Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation (2016) Problems of Atomic Science and Technology, 101 (1), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958582524&partnerID=40&md5=32870d1a25c757501337003bc29d722b
	Badiyan, E.E., Shurin, R.V., Tonkopyrad, A.G., Zetova, T.R. , Shekhovtsov, O.V., Kazachkova, K.S.	Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) Functional Materials, 22 (3), pp. 396-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944599709&doi=10.15407/2fFm22.03.396&partnerID=40&md5=13f9cea0e4f30e0e5b0c087160e3e5ee
	Badiyan, E.E., Tonkopyrad, A.G., Shekhovtsov, O.V., Shurin, R.V., Zetova, T.R. , Kazachkova, K.S.	Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) Functional Materials, 21 (3), pp. 307-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907576385&partnerID=40&md5=4d48d90ea579eaa6e544ffd0df9973e
	Badiyan, E.E., Tonkopyrad, A.G., Shekhovtsov, O.V., Shurin, R.V., Zetova, T.R.	Optical technique for the in situ study of orientation and structure changes accompanied the plastic deformation of polycrystalline specimens of aluminum (2011) Inorganic Materials, 47 (15), pp. 1663-1666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455165046&doi=10.1134/2fIS0020168511150039&partnerID=40&md5=69f9791da5c7782bdf6c71479183c4c1

Badiyan, E.E., Tonkopyrad, A.G., Zetova, T.R., Shurinov, R.V., Talakh, S.V., Dergacheva, A.V.	Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation (2016) Problems of Atomic Science and Technology, 101 (1), pp. 88-91.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958582524&partnerID=40&md5=32870d1a25c757501337003bc29d722b
Badiyan, E.E., Shurinov, R.V., Tonkopyrad, A.G., Zetova, T.R., Shekhovtsov, O.V., Kazachkova, K.S.	Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) Functional Materials, 22 (3), pp. 396-401.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944599709&doi=10.15407%2ffim22.03.396&partnerID=40&md5=13f9cea0e4f30e0e5b0c087160e3e5ee
Badiyan, E.E., Tonkopyrad, A.G., Shekhovtsov, O.V., Shurinov, R.V., Zetova, T.R., Kazachkova, K.S.	Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) Functional Materials, 21 (3), pp. 307-312.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907576385&partnerID=40&md5=4d48d90ea579eaf6e544fd0df9973e
Badiyan, E.E., Tonkopyrad, A.G., Shekhovtsov, O.V., Shurinov, R.V., Zetova, T.R.	Optical technique for the in situ study of orientation and structure changes accompanied the plastic deformation of polycrystalline specimens of aluminum (2011) Inorganic Materials, 47 (15), pp. 1663-1666.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455165046&doi=10.1134%2fS0020168511150039&partnerID=40&md5=69f9791da5c7782bdf6c71479183c4c1

Проректор з науково-педагогічної роботи

А.В. Пантелеймонов

