

№з/п	Прізвище, ім'я, по батькові працівника ВНЗ	Назва та реквізити публікації	Назва наукометричної бази
1.	Korposh, S., James, S., Partridge, M., <u>Sichka</u> , M., Tatam, R.	All-optical switching based on optical fibre long period gratings modified bacteriorhodopsin (2018) Optics and Laser Technology, 101, pp. 162-171.	Scopus
2.	Bokotey, O.	Calculated optical properties of gyrotropic Hg ₃ Te ₂ Br ₂ (2018) Optik, 156, pp. 39-42.	Scopus
3.	<u>Studenyak</u> , I.P., Izai, V.Y., <u>Studenyak</u> , V.I., Rybak, S.O., Pogodin, A.I., Kokhan, O.P., Kranjčec, M.	Phase transitions and optical absorption edge in (Cu ₆ PS ₅ Br) _{1-x} (Cu ₇ PS ₆) _x mixed crystals (2018) Journal of Alloys and Compounds, 735, pp. 417-421.	Scopus
4.	Mulesa, O., Geche, F., Batyuk, A., Buchok, V.	Development of combined information technology for time series prediction (2018) Advances in Intelligent Systems and Computing, 689, pp. 361-373.	Scopus
5.	<u>Molnar</u> , O., Gerasimov, V., Kurytnik, I.P.	Triboelectricity and construction of power generators based on it [Article@Efekt tryboelektryczny i generator, zbudowany na jego podstawie] (2018) Przegląd Elektrotechniczny, 94 (1), pp. 167-171.	Scopus
6.	Marynets, K.	On the modeling of the flow of the Antarctic Circumpolar Current (2017) Monatshefte für Mathematik, pp. 1-5. Article in Press.	Scopus
7.	Myslo, Y.M., Tkachenko, V.I.	Asymptotically Almost Periodic Solutions of Equations with Delays and Nonfixed Times of Pulse Action (2017) Journal of Mathematical Sciences (United States), pp. 1-16. Article in Press.	Scopus
8.	Fizer, M., Sidey, V., Tupys, A., Ostapiuk, Y., Tymoshuk, O., Bazel, Y.	On the structure of transition metals complexes with the new tridentate dye of thiazole series: Theoretical and experimental studies (2017) Journal of Molecular Structure, 1149, pp. 669-682.	Scopus
9.	Fizer, O., Fizer, M., Studenyak, Y.	Photostability of plasticized polyvinyl chloride membranes: A theoretical study [Article@Kestabilan foto bagi membran plastik polivinil klorida: Satu kajian teori] (2017) Malaysian Journal of Analytical Sciences, 21 (6), pp. 1257-1265.	Scopus

10.	Liubachko, V., Shvalya, V., Oleaga, A., Salazar, A., Kohutych, A., Pogodin, A., Vysochanskii, Y.M.	Anisotropic thermal properties and ferroelectric phase transitions in layered CuInP2S6 and CuInP2Se6 crystals (2017) Journal of Physics and Chemistry of Solids, 111, pp. 324-327.	Scopus
11.	Kondrat, O., Holomb, R., Csik, A., Takáts, V., Veres, M., Mitsa, V.	Coherent Light Photo-modification, Mass Transport Effect, and Surface Relief Formation in AsxS100-x Nanolayers: Absorption Edge, XPS, and Raman Spectroscopy Combined with Profilometry Study (2017) Nanoscale Research Letters, 12 (1), статья № 149, .	Scopus
12.	Gomonnai, O.O., Gordan, O., Guranich, P.P., Slivka, A.G., Gomonnai, A.V., Zahn, D.R.T.	Temperature-dependent dielectric functions and interband critical points of sulfur-rich TlIn(S1-xSex)2 layered solid solution crystals (2017) Applied Surface Science, 424, pp. 383-388.	Scopus
13.	Dougherty, S.T., Gildea, J., Taylor, R., Tylyshchak, A.	Group rings, G-codes and constructions of self-dual and formally self-dual codes (2017) Designs, Codes, and Cryptography, pp. 1-24. Article in Press.	Scopus
14.	Kozachenko, Y.V., Troshki, V.B.	Construction of a criterion for testing hypothesis about covariance function of a stationary Gaussian stochastic process with unknown mean (2017) Communications in Statistics - Theory and Methods, pp. 1-12. Article in Press.	Scopus
15.	Oleaga, A., Liubachko, V., Manfrinetti, P., Provino, A., Vysochanskii, Y., Salazar, A.	Critical behavior study of NdScSi, NdScGe intermetallic compounds (2017) Journal of Alloys and Compounds, 723, pp. 559-566.	Scopus
16.	Kinasz, R., <u>Huk, Y.</u>	Method of Determining Characteristic Values of Average and Maximum Wind Pressure from the Carpathians Zoning Trans Carpathian Region (2017) IOP Conference Series: Materials Science and Engineering, 245 (2), статья № 022094, .	Scopus
17.	Marynets, K.	On a two-point boundary-value problem in geophysics (2017) Applicable Analysis, pp. 1-8. Article in Press.	Scopus
18.	Marynets, K.	A nonlinear two-point boundary-value problem in geophysics (2017) Monatshefte für Mathematik, pp. 1-9. Article in Press.	Scopus

19.	Sihotsky, V., Berek, P., Kopolovets, I., Kubíková, M., <u>Tomečko</u> , M., Stančáková, M., Drahovská, I., Frankovičová, M.	Aortobifemoral graft infection: Possibilities of treatment (2017) <i>Novosti Khirurgii</i> , 25 (6), pp. 655-661.	Scopus
20.	Devogèle, M., Tanga, P., Bendjoya, P., Rivet, J.P., Surdej, J., Hanuš, J., Abe, L., Antonini, P., Artola, R.A., Audejean, M., Behrend, R., Berski, F., Bosch, J.G., Bronikowska, M., Carbognani, A., Char, F., Kim, M.-J., Choi, Y.-J., Colazo, C.A., Coloma, J., Coward, D., Durkee, R., Erece, O., Forne, E., Hickson, P., Hirsch, R., Horbowicz, J., Kamiński, K., Kankiewicz, P., Kaplan, M., Kwiatkowski, T., Konstanciak, I., Kruszewki, A., Kudak, V., Manzini, F., Moon, H.-K., Marciniak, A., Murawiecka, M., Nadolny, J., Ogłóza, W., Ortiz, J.L., Oszkiewicz, D., Pallares, H., Peixinho, N., Poncy, R., Reyes, F., De Los Reyes, J.A., Santana-Ros, T., Sobkowiak, K., Pastor, S., Pilcher, F., Quiñones, M.C., Trela, P., Vernet, D.	Shape and spin determination of Barbarian asteroids (2017) <i>Astronomy and Astrophysics</i> , 607, статья № A119, .	Scopus
21.	Kupliauskienė, A., Kerevičius, G., Borovik, V., Shafranyosh, I., Borovik, A.	The energy structure and decay channels of the 4p6-shell excited states in Sr (2017) <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 50 (22), статья № 225201, .	Scopus
22.	Sidey, V.	Predicting the lattice parameters for the AIAIBII 2F7 disordered cubic fluoride pyrochlores (2017) <i>Zeitschrift für Kristallographie - Crystalline Materials</i> , 232 (10), pp. 729-731.	Scopus
23.	Bazel', Y., Recló, M., Šandrejová, J.	Using a switchable-hydrophilicity solvent for the extraction–spectrophotometric determination of nickel (2017) <i>Journal of Analytical Chemistry</i> , 72 (10), pp. 1018-1023.	Scopus
24.	Shvalya, V., Oleaga, A., Salazar, A., Kohutych, A.A., Vysochanskii, Y.M.	Electron-phonon anharmonicity and low thermal conductivity in phosphorous chalcogenide ferroelectrics (2017) <i>Materials Express</i> , 7 (5), pp. 361-368.	Scopus
25.	Chebotarev, A.N., Bevziuk, K.V., Snigur, D.V., Bazel, Y.R.	The brilliant blue FCF ion-molecular forms in solutions according to the spectrophotometry data (2017) <i>Russian Journal of Physical Chemistry A</i> , 91 (10), pp. 1907-1912.	Scopus

26.	Khoma, M., Jaquet, R.	The kinetic energy operator for distance-dependent effective nuclear masses: Derivation for a triatomic molecule (2017) Journal of Chemical Physics, 147 (11), статья № 114106, .	Scopus
27.	Bevziuk, K., Chebotarev, A., Snigur, D., Bazel, Y., Fizer, M., Sidey, V.	Spectrophotometric and theoretical studies of the protonation of Allura Red AC and Ponceau 4R (2017) Journal of Molecular Structure, 1144, pp. 216-224.	Scopus
28.	Studenyak, I.P., Kopčanský, P., Timko, M., Mitroova, Z., Kovalchuk, O.V.	Effects of non-additive conductivity variation for a nematic liquid crystal caused by magnetite and carbon nanotubes at various scales (2017) Liquid Crystals, 44 (11), pp. 1709-1716.	Scopus
29.	Danilets, J.V.	Documents of the archives of the Budim Orthodox Diocese about the Orthodox movement in Transcarpathia at the beginning of the XX century (2017) Bylye Gody, 45 (3), pp. 1073-1081.	Scopus
30.	Shpak, I.I., Yevych, R.M., Shpak, A.I., Perechinskii, S.I., Bletskan, D.I., Vysochanskiĭ, Y.M.	Rayleigh and Mandelstam–Brillouin Light Scattering in Chalcogenide Glasses of the $(\text{Sb}_2\text{S}_3)_x(\text{GeS}_2)_{100-x}$ System (2017) Journal of Applied Spectroscopy, 84 (4), pp. 567-572.	Scopus
31.	Jenkovszky, L., Szanyi, I.	Fine structure of the diffraction cone: Manifestation of t-channel unitarity (2017) Physics of Particles and Nuclei Letters, 14 (5), pp. 687-697.	Scopus
32.	Onysko, M., Filak, I., Lendel, V.	Halogenoheterocyclization of terminally substituted 2-allylthio(seleno)quinolin- 3-carbaldehydes (2017) Heterocyclic Communications, 23 (4), pp. 309-312.	Scopus
33.	Korol, N.I., Slivka, M.V.	Recent progress in the synthesis of thiazolo[3,2-b][1,2,4]triazoles (microreview) (2017) Chemistry of Heterocyclic Compounds, 53 (8), pp. 852-854.	Scopus
34.	Kharkhalis, L.Yu., Glukhov, K.E., Babuka, T.Ya.	Electronic and optical properties of heterostructures based on indium chalcogenides (2017) Acta Physica Polonica A, 132 (2), pp. 319-321.	Scopus
35.	Olena, Y., Galan, Y., Nakonechnyi, I., Hakman, A., Filak, Y., Oleksandra, B.	Screening system of the physical condition of boys aged 15-17 years in the process of physical education	Scopus

		(2017) Journal of Physical Education and Sport, 17, статья № 156, pp. 1017-1023.	
36.	Zamaraite, I., Dziaugys, A., Banys, J., Vysochanskii, Y.	Dielectric and electrical properties of AgCrP2S6 and Cu0.2Ag0.8CrP2S6 layered crystals (2017) Ferroelectrics, 515 (1), pp. 13-17.	Scopus
37.	Jenkovszky, L., Szanyi, I.	Structures in the diffraction cone: The "break" and "dip" in high-energy proton-proton scattering (2017) Modern Physics Letters A, 32 (22), статья № 1750116, .	Scopus
38.	Zamaraite, I., Matukas, J., Pralgauskaite, S., Vysochanskii, Y., Banys, J., Dziaugys, A.	Low-frequency noise characteristics of lamellar ferrielectric crystal CuInP2S6 at the phase transition (2017) Journal of Applied Physics, 122 (2), статья № 024101, .	Scopus
39.	Grabar, A., Mathey, P., Tsyhyka, M., Gadrét, G., Stoika, I.	Dynamic Holographic Interferometry with Doped Sn2P2S6 Photorefractive Crystals (2017) Journal of Physics: Conference Series, 867 (1), статья № 012027, .	Scopus
40.	Kudak, V.I., Epishev, V.P., Perig, V.M., Neybauer, I.F.	Determining the orientation and spin period of TOPEX/Poseidon satellite by a photometric method (2017) Astrophysical Bulletin, 72 (3), pp. 340-348.	Scopus
41.	Shvalya, V., Oleaga, A., Salazar, A., Kohutykh, A., Vysochanskii, Y.M.	Thermal characterization and critical behavior study of (PbxSn1-x)2P2Se6 (2017) Ferroelectrics, 513 (1), pp. 56-61.	Scopus
42.	Korol', Y.Y.	Existence of an Invariant Torus for a Degenerate Linear Extension of Dynamical Systems (2017) Journal of Mathematical Sciences (United States), 223 (3), pp. 273-284.	Scopus
43.	Štefanič, P., Kopolovets, I., Hertelyová, Z., Tóth, Š., Frankovičová, M.	LIPOPROTEIN ASSOCIATED PHOSPHOLIPASE A2 AS A MARKER OF VULNERABLE ATHEROSCLEROTIC PLAQUE IN PATIENTS WITH INTERNAL CAROTID ARTERY STENOSIS (2017) Georgian medical news, (267), pp. 27-34.	Scopus
44.	Say, A., Martynyuk-Lototska, I., Adamenko, D., Pogodin, A., Kokhan, O., Vlokh, R.	Thermal expansion anisotropy of β -TiInS2 crystals in the course of phase transitions (2017) Phase Transitions, pp. 1-8. Article in Press.	Scopus
45.	Krivsky, I.Y., Zajac, T.M., Shpyrko, S.	Extension of the Standard CD Algebra in the Axiomatic Approach for Spinor Field and Fermi–Bose Duality (2017) Advances in Applied Clifford Algebras, 27 (2), pp. 1431-1458.	Scopus

46.	Pinter, T., Klippel, Z., Cesas, A., Croitoru, A., Decaestecker, J., Gibbs, P., Hotko, Y., Jassem, J., Kurteva, G., Novotny, J., O'Reilly, S., Salek, T., Reiner, M., Morrow, P.K., Choi, M.R., Whittaker, S., Blanke, C.	A Phase III, Randomized, Double-Blind, Placebo-Controlled Trial of Pegfilgrastim in Patients Receiving First-Line FOLFOX/Bevacizumab or FOLFIRI/Bevacizumab for Locally Advanced or Metastatic Colorectal Cancer: Final Results of the Pegfilgrastim and Anti-VEGF Evaluation Study (PAVES) (2017) Clinical Colorectal Cancer, 16 (2), pp. 103-114.e3.	Scopus
47.	Cserhádi, C., Csarnovics, I., Harasztosi, L., Trunov, M.L., Kökényesi, S.	Direct surface relief formation by e-beam in amorphous chalcogenide layers (2017) Journal of Materials Science: Materials in Electronics, 28 (10), pp. 7024-7028.	Scopus
48.	Tereshchenko, I., Shtangey, S., Tereshchenko, A.	The application SAP® ERP principles for the development and implementation of corporate integrated information system for SME (2017) 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 - Proceedings, статья № 7905370, pp. 168-170.	Scopus
49.	Bene, K., Varga, Z., Petrov, V.O., Boyko, N., Rajnavolgyi, E.	Gut microbiota species can provoke both inflammatory and tolerogenic immune responses in human dendritic cells mediated by retinoic acid receptor alpha ligation (2017) Frontiers in Immunology, 8 (APR), статья № 427, .	Scopus
50.	Martynyuk-Lototska, I., Trach, I., Kokhan, O., Vlokh, R.	Efficient acousto-optic crystal, TlInS2: Acoustic and elastic anisotropy (2017) Applied Optics, 56 (11), pp. 3179-3184.	Scopus
51.	Studenyak, I.P., Izai, V.Y., Studenyak, V.I., Kovalchuk, O.V., Kovalchuk, T.M., Kopčanský, P., Timko, M., Tomašovičová, N., Zavisova, V., Miskuf, J., Oleinikova, I.V.	Influence of Cu6PS5I superionic nanoparticles on the dielectric properties of 6CB liquid crystal (2017) Liquid Crystals, 44 (5), pp. 897-903.	Scopus
52.	Sidey, V., Shteyfan, A.	Revised bond valence parameters for the P+5/S-2 ion pair (2017) Journal of Physics and Chemistry of Solids, 103, pp. 73-75.	Scopus
53.	Slivka, M., Korol, N., Pantyo, V., Baumer, V., Lendel, V.	Regio- and stereoselective synthesis of [1,3]thiazolo[3,2-b][1,2,4]triazol-7-ium salts via electrophilic heterocyclization of 3-S-propargylthio-4H-1,2,4-triazoles and their antimicrobial activity	Scopus

		(2017) Heterocyclic Communications, 23 (2), pp. 109-113.	
54.	Rurik, I., Móczár, C., Buono, N., Frese, T., Kolesnyk, P., Mahlmeister, J., Petrazzuoli, F., Pirrotta, E., Ungvári, T., Vaverkova, I., Jancsó, Z.	Early and Menopausal Weight Gain and its Relationship with the Development of Diabetes and Hypertension (2017) Experimental and Clinical Endocrinology and Diabetes, 125 (4), pp. 241-250.	Scopus
55.	Bodyanskiy, Y., Vynokurova, O., Setlak, G., Peleshko, D., Mulesa, P.	Adaptive multivariate hybrid neuro-fuzzy system and its on-board fast learning (2017) Neurocomputing, 230, pp. 409-416.	Scopus
56.	Rusin, V.I., Korsak, V.V., Boldizhar, P.A., Rusin, V.V., Pekar, M.I., Gorlenko, F.V., Mashura, V.V., Langazo, O.V.	Long-term surgical treatment results of critical lower limb ischemia following simultaneous direct and indirect revascularization (2017) Novosti Khirurgii, 25 (2), pp. 131-139.	Scopus
57.	Shpak, I.I., Rosola, I.I., Shpak, O.I.	Temperature Dependence of the Refractive Index of Glassy Alloys of the AsxS100-xSystem (2017) Journal of Applied Spectroscopy, 84 (1), pp. 140-143.	Scopus
58.	Ianevych, T.O., Kozachenko, Y.V., Troshki, V.B.	Goodness-of-fit tests for random sequences incorporating several components (2017) Random Operators and Stochastic Equations, 25 (1), pp. 1-10.	Scopus
59.	Hnatic, M., Khmara, V.M., Lazur, V.Y., Reity, O.K.	The WKB method for the quantum mechanical two-Coulomb-center problem (2017) Theoretical and Mathematical Physics(Russian Federation), 190 (3), pp. 345-358.	Scopus
60.	Chebotarev, A.N., Snigur, D.V., Zhukova, Y.P., Bevziuk, K.V., Studenyak, Y.I., Bazel, Y.R.	Tristimulus colorimetric and spectrophotometric study of the state of 4-hydroxystyryl dyes in aqueous Solutions (2017) Russian Journal of General Chemistry, 87 (2), pp. 196-203.	Scopus
61.	Kopčanský, P., Timko, M., Studenyak, I.P., Kovalchuk, O.V., Oleinikova, I.V., Kovalchuk, T.M.	Dielectric properties of 6CHBT liquid crystals with carbon nanotubes modified by COOH group and nanocomposites on their base (2017) Journal of Molecular Liquids, 227, pp. 61-65.	Scopus
62.	Csernicškó, I.	Language policy in Ukraine: The burdens of the past and the possibilities of the future (2017) Future Research Directions for Applied Linguistics, pp. 120-148.	Scopus

63.	Kuzma, V., Bilanych, V., Kozejova, M., Hlozna, D., Feher, A., Rizak, V., Komanicky, V.	Study of dependence of electron beam induced surface relief formation on Ge-As-Se thin films on the film elemental composition (2017) Journal of Non-Crystalline Solids, 456, pp. 7-11.	Scopus
64.	Bletskan, D.I., Bletskan, M.M., Glukhov, K.E.	Electronic structure of tin monosulfide (2017) Journal of Solid State Chemistry, 245, pp. 34-44.	Scopus
65.	Kondruk, N.	Clustering method based on fuzzy binary relation (2017) Eastern European Journal of Enterprise Technologies, 2 (4-86), pp. 10-16.	Scopus
66.	Malinina, A.O., Shuaibov, O.K., Malinin, O.M.	Mechanism of growth of the intensity of radiation emitted in the blue-violet spectral interval by gas-discharge plasma generated in the mixtures of mercury diiodide vapor, xenon, and neon (2017) Ukrainian Journal of Physics, 62 (7), pp. 594-598.	Scopus
67.	Gerych, M.S.	Distributions of overshoots for almost continuous stochastic processes defined on a markov chain (2017) Theory of Probability and Mathematical Statistics, 94, pp. 37-52.	Scopus
68.	Mitropolskiy, I.E., Shafranyosh, I.I., Kuzma, V.V., Svyda, Y.Y., Sukhoviya, M.I.	The Electron-photon emission of the nitrogenous basis of nucleic acids - A cytosine in a solid phase (2017) Journal of Nano- and Electronic Physics, 9 (4), статья № 04016, .	Scopus
69.	Mykhalko, Y.O., Duhovych, T.V., Kish, P.P.	Susceptibility of streptococcus pneumoniae to fluoroquinolones and macrolides in upper respiratory tract infections (2017) Wiadomosci lekarskie (Warsaw, Poland : 1960), 70 (2), pp. 224-226.	Scopus
70.	Markovych, L., Lintur, M., Prichodko, M., Podgoretska, G.	Emission of photon sunder electron sinteraction with the surface nano hetero structures (2017) Journal of Nano- and Electronic Physics, 9 (3), статья № 03012, .	Scopus
71.	Troshki, N.V.	Upper bounds for supremums of the norms of the deviation between a homogeneous isotropic random field and its model (2017) Theory of Probability and Mathematical Statistics, 94, pp. 159-184.	Scopus

72.	Hazuda, M., Gotra, V., Hazuda, L.	Advancing the convergence and integration of rural border areas (2017) Economic Annals-XXI, 162 (11-12), pp. 18-21.	Scopus
73.	Geche, F., Mulesa, O., Buchok, V.	Verification of realizability of boolean functions by a neural element with a threshold activation function (2017) EasternEuropean Journal of Enterprise Technologies, 1 (4-85), pp. 30-40.	Scopus
74.	Geche, F., Mulesa, O., Buchok, V.	Synthesis of generalized neural elements by means of the tolerance matrices (2017) EasternEuropean Journal of Enterprise Technologies, 4 (4-88), pp. 50-62.	Scopus
75.	Yurkovych, N., Seben, V., Mar'yan, M.	Fractal approach to teaching physics and computer modeling [Article@Enfoque del fractal en la enseñanza de la fisica y modelizacion por computadora] (2017) Journal of Science Education, 18 (2), pp. 117-120	Scopus
76.	Babuka, T., Glukhov, K., Vysochanskii, Y., Makowska-Janusik, M.	New insight into strong correlated states realised in a ferroelectric and paraelectric chalcogenide Sn₂P₂S₆crystal (2017) RSC Advances, 7 (44), pp. 27770-27779.	Scopus
77.	Adamenko, D., Vasykiv, Y., Pogodin, A., Kokhan, O., Vlokh, R.	Faraday effect in TlInS₂crystals (2017) Ukrainian Journal of Physical Optics, 18 (4), pp. 197-200.	Scopus
78.	Oleaga, A., Shvalya, V., Salazar, A., Stoika, I., Vysochanskii, Y.M.	In search of a tricritical Lifshitz point in Sn₂P₂(S_{1-x}Se_x)₆doped with Pb, Ge: A critical behavior study (2017) Journal of Alloys and Compounds, 694, pp. 808-814	Scopus
79.	Mikla, V.I., Turovci, J.M., Mikla, V.V., Mehta, N.	Molecular structure of Se-rich amorphous films (2017) Progress in Solid State Chemistry, . Article in Press.	Scopus
80.	Dykha, M.V., Tanasiienko, N.P., Kolisnyk, G.M.	Ensuring of labor productivity growth in the context of investment and innovation activity intensification (2017) Problems and Perspectives in Management, 15 (4), pp. 197-208	Scopus
81.	Petechuk, V.M., Petechuk, J.V.	Isomorphisms of matrix groups over commutative rings (2017) Acta Scientiarum Mathematicarum, 83 (1-2), pp. 113-123.	Scopus
82.	Oleaga, A., Shvalya, V., Liubachko, V., Balakrishnan, G., Tung, L.D., Salazar, A.	Critical behavior study of the spin ordering transition in RVO₃(R = Ce, Pr, Nd, Sm, Gd, Er) by means of ac photopyroelectric calorimetry	Scopus

		(2017) Journal of Alloys and Compounds, 703, pp. 210-215.	
83.	Biloshchytskyi, A., Myronov, O., Reznik, R., Kuchansky, A., Andrashko, Y., Paliy, S., Biloshchytska, S.	A method to evaluate the scientific activity quality of Heis Based on a scientometric subjects presentation model (2017) EasternEuropean Journal of Enterprise Technologies, 6 (2-90), pp. 16-22	Scopus
84.	Venher, I.K., Rusin, V.I., Kostiv, S.Y., Zarudna, O.I., Kostiv, O.I.	Hypercoagulable syndrome in the early postoperative period is a factor of venous thromboembolism (2017) Novosti Khirurgii, 25 (3), pp. 267-272.	Scopus
85.	Biloshchytskyi, A., Kuchansky, A., Andrashko, Y., Biloshchytska, S., Kuzka, O., Terentyev, O.	Evaluation methods of the results of scientific research activity of scientists based on the analysis of publication citations (2017) EasternEuropean Journal of Enterprise Technologies, 3 (2-87), pp. 4-10.	Scopus
86.	Biloshchytskyi, A., Kuchansky, A., Andrashko, Y., Biloshchytska, S., Kuzka, O., Shabala, Y., Lyashchenko, T.	A method for the identification of scientists' research areas based on a cluster analysis of scientific publications (2017) EasternEuropean Journal of Enterprise Technologies, 5 (2-89), pp. 4-11.	Scopus
87.	Rontó, A., Rontó, M., Shchobak, N.	On boundary value problems with prescribed number of zeroes of solutions (2017) Miskolc Mathematical Notes, 18 (1), pp. 431-452	Scopus
88.	Gomonnai, O.O., Gordan, O., Guranich, P.P., Huranich, P., Slivka, A.G., Gomonnai, A.V., Zahn, D.R.T.	Spectroscopic ellipsometry studies and temperature behaviour of the dielectric function of TlInS₂layered crystal (2017) Journal of Nano- and Electronic Physics, 9 (5), статья № 05025, .	Scopus
89.	Fečkan, M., Marynets, K.	Approximation approach to periodic BVP for mixed fractional differential systems (2017) Journal of Computational and Applied Mathematics, . Article in Press.	Scopus
90.	Zimenkovsky, A., Nastyukha, Y., Boretska, O., Drozd, M., Devinyak, O.	Quality of pharmaceutical care at the stage of patients' needs identification under conditions of community pharmacies as a transborder problem (2017) Acta Poloniae Pharmaceutica - Drug Research, 74 (3), pp. 1011-1019.	Scopus

91.	Ovsyannikov, S.V., Morozova, N.V., Korobeinikov, I.V., Haborets, V., Yevych, R., Vysochanskii, Y., Shchennikov, V.V.	Tuning the electronic and vibrational properties of Sn ₂ P ₂ Se ₆ and Pb ₂ P ₂ S ₆ crystals and their metallization under high pressure (2017) Dalton Transactions, 46 (13), pp. 4245-4258.	Scopus
92.	Mitsa, V., Feher, A., Petretskyi, S., Holomb, R., Tkac, V., Ihnatolia, P., Laver, A.	Hysteresis of Low-Temperature Thermal Conductivity and Boson Peak in Glassy (g) As ₂ S ₃ : Nanocluster Contribution (2017) Nanoscale Research Letters, 12, статья № 345, .	Scopus
93.	Kondrat, O., Holomb, R., Mitsa, V., Veres, M., Tsud, N.	Structural investigation of As-Se chalcogenide thin films with different compositions: Formation, characterization and peculiarities of volume and near-surface nanolayers (2017) Functional Materials, 24 (4), pp. 547-554.	Scopus
94.	Dalekorej, A.V., Ivanitsky, V.P., Kovtunenکو, V.S., Stoika, M.V.	Processes of nucleation of amorphous As-S films at condensation on carbon substrates (2017) Journal of Nano- and Electronic Physics, 9 (5), статья № 05020, .	Scopus
95.	Kutsenko, L., Shoman, O., Semkiv, O., Zapolsky, L., Adashevskay, I., Danylenko, V., Semenova-Kulish, V., Borodin, D., Legeta, J.	Geometrical modeling of the inertial unfolding of a multi-link pendulum in weightlessness (2017) Eastern European Journal of Enterprise Technologies, 6 (7-90), pp. 42-50.	Scopus
96.	Studenyak, I., Izai, V., Studenyak, V., Bendak, A., Kranjec, M., Kúš, P., Mikula, M., Grani, B., Roch, T., Suleimenov, B., Ławicki, T., Gurov, E.	Influence of structural disorder on the optical properties of non-stoichiometric Cu ₆ Ps ₅ I-based thin films (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, статья № 104454Z, .	Scopus
97.	Piasecki, M., Brik, M.G., Kityk, I.V., Barchiy, I.E., Al-Naggar, A.M., Albassam, A.A.	Tl ₄ YX ₃ (Y=Sn, Pb; X=S, Te) single crystals as promised multi-functional optoelectronic materials (2017) Optics InfoBase Conference Papers, Part F82-CLEO_Europe 2017, 1 p.	Scopus
98.	Lin, Y., Daoudi, A., Dubois, F., Blach, J.-F., Henninot, J.-F., Kurochkin, O., Grabar, A., Segovia-Mera, A., Legrand, C., Douali, R.	A comparative study of nematic liquid crystals doped with harvested and non-harvested ferroelectric nanoparticles: Phase transitions and dielectric properties (2017) RSC Advances, 7 (56), pp. 35438-35444.	Scopus
99.	Piasecki, M., Brik, M.G., Barchiy, I.E., Ozga, K., Kityk, I.V., El-Naggar, A.M., Albassam, A.A.,	Band structure, electronic and optical features of Tl ₄ SnX ₃ (X = S, Te) ternary compounds for optoelectronic applications	Scopus

	Malakhovskaya, T.A., Lakshminarayana, G.	(2017) Journal of Alloys and Compounds, 710, pp. 600-607	
100.	Peterka, T., Hájek, M., Jiroušek, M., Jiménez-Alfaro, B., Aunina, L., Bergamini, A., Dítě, D., Felbaba-Klushyna, L., Graf, U., Hájková, P., Hettenbergerová, E., Ivchenko, T.G., Jansen, F., Koroleva, N.E., Lapshina, E.D., Lazarević, P.M., Moen, A., Napreenko, M.G., Pawlikowski, P., Plesková, Z., Sekulová, L., Smagin, V.A., Tahvanainen, T., Thiele, A., Biță-Nicolae, C., Biurrun, I., Brisse, H., Čušterevska, R., De Bie, E., Ewald, J., FitzPatrick, U., Font, X., Jandt, U., Kački, Z., Kuzemko, A., Landucci, F., Moeslund, J.E., Pérez-Haase, A., Rašomavičius, V., Rodwell, J.S., Schaminée, J.H.J., Šilc, U., Stančić, Z., Chytrý, M.	Formalized classification of European fen vegetation at the alliance level (2017) Applied Vegetation Science, 20 (1), pp. 124-142.	Scopus
101.	Studenyak, I., Rybak, S., Bendak, A., Izai, V., Guranich, P., Kuš, P., Mikula, M.	Structural disordering studies of Cu6PS5I-based thin films deposited by magnetron sputtering (2016) EPJ Web of Conferences, 133, статья № 02002, .	Scopus
102.	Azhniuk, Y., Solonenko, D., Sheremet, E., Loya, V.Y., Grytsyshche, I.V., Schulze, S., Hietschold, M., Gomonnai, A.V., Zahn, D.R.T.	Formation of CdSe nanocrystals in Cd-doped thin arsenic selenide films under laser irradiation (2016) Thin Solid Films, . Article in Press.	Scopus
103.	Kut, M., Onysko, M., Lendel, V.	Heterocyclization of 5,6- disubstituted 3-alkenyl-2- thioxothieno[2,3-d]pyrimidin-4-one with p-alkoxyphenyltellurium trichloride (2016) Heterocyclic Communications, 22 (6), pp. 347- 350.	Scopus
104.	Bokotey, O.V., Vakulchak, V.V., Nebola, I.I., Bokotey, A.A.	Band structure and optical transitions in the Hg3Se2Cl2crystals (2016) Journal of Physics and Chemistry of Solids, 99, pp. 153-158.	Scopus
105.	Bokotey, O.V.	Theoretical Calculations of Refractive Properties for Hg3Te2Cl2Crystals (2016) Nanoscale Research Letters, 11 (1), статья № 251, .	Scopus
106.	Devinyak, O.T., Lesyk, R.B.	5-year trends in QSAR and its machine learning methods (2016) Current Computer-Aided Drug Design, 12 (4), pp. 265-271.	Scopus

107.	Yevych, R., Haborets, V., Medulych, M., Molnar, A., Kohutych, A., Dziaugys, A., Banys, Ju., Vysochanskii, Yu.	Valence fluctuations in Sn(Pb)2P2S6ferroelectrics (2016) Fizika Nizkikh Temperatur, 42 (12), pp. 1477-1486.	Scopus
108.	Babuka, T.Y., Glukhov, K.E.	Investigation of the energy and structural parameters of strained (β -InSe)n/(In4Se3)msuperlattices (2016) Superlattices and Microstructures, 100, pp. 448-457	Scopus
109.	Yevych, R., Haborets, V., Medulych, M., Molnar, A., Kohutych, A., Dziaugys, A., Banys, J., Vysochanskii, Y.	Valence fluctuations in Sn(Pb)2P2S6= ferroelectrics (2016) Low Temperature Physics, 42 (12), pp. 1155-1162.	Scopus
110.	Mitsa, V., Holomb, R., Marton, A., Veres, M., Tóth, S., Himics, L., Lorinczi, A., Popescu, M.	Investigation of atmospheric corrosion by photon energy dependent luminescence and Raman spectroscopy in aged and freshly fractured g-,c-As2S3with photosensitive realgar inclusions (2016) Journal of Non-Crystalline Solids, 453, pp. 23-27	Scopus
111.	Morozovska, A.N., Eliseev, E.A., Scherbakov, C.M., Vysochanskii, Y.M.	Influence of elastic strain gradient on the upper limit of flexocoupling strength, spatially modulated phases, and soft phonon dispersion in ferroics (2016) Physical Review B, 94 (17), статья № 174112, .	Scopus
112.	Zhaba, V.I.	The phase-functions method and scalar amplitude of nucleon-nucleon scattering (2016) International Journal of Modern Physics E, 25 (11), статья № 1650088, .	Scopus
113.	Chuchman, M.P., Mesarosz, L.V., Shuaibov, A.K., Kiris, V.V., Tarasenko, N.V.	Glow Discharge Emission Spectra in Air with Liquid Electrode Based on Distilled Water (2016) Journal of Applied Spectroscopy, 83 (5), pp. 781-785.	Scopus
114.	Lachat, T., Chumak, M., Chumak, V., Jakoby, O., Müller, J., Tanadini, M., Wermelinger, B.	Influence of canopy gaps on saproxylic beetles in primeval beech forests: a case study from the Uholka-Shyrokyi Luh forest, Ukraine (2016) Insect Conservation and Diversity, 9 (6), pp. 559-573.	Scopus
115.	Regmi, A., Biaggio, I., Grabar, A.A.	Optical determination of the charge carrier mobility in Sn2P2S6 (2016) Applied Physics Letters, 109 (18), статья № 182104, .	Scopus
116.	Golden, E.M., Basun, S.A., Evans, D.R., Grabar, A.A., Stoika, I.M., Giles, N.C., Halliburton, L.E.	Sn vacancies in photorefractive Sn2P2S6crystals: An electron paramagnetic resonance study of an optically active hole trap (2016) Journal of Applied Physics, 120 (13), статья № 133101, .	Scopus

117.	Bodyanskiy, Y., Dolotov, A., Pliss, I., Malyar, M.	A fast learning algorithm of self-learning spiking neural network (2016) Proceedings of the 2016 IEEE 1st International Conference on Data Stream Mining and Processing, DSMP 2016, статья № 7583517, pp. 104-107.	Scopus
118.	Geche, F.E., Batyuk, A.Y., Buchok, V.Y.	Invariant operations on discrete neural functions over Galois field (2016) Proceedings of the 2016 IEEE 1st International Conference on Data Stream Mining and Processing, DSMP 2016, статья №7583519, pp. 112-116.	Scopus
119.	Bodyanskiy, Y., Vynokurova, O., Pliss, I., Setlak, G., Mulesa, P.	Fast learning algorithm for deep evolving GMDH-SVM neural network in data stream mining tasks (2016) Proceedings of the 2016 IEEE 1st International Conference on Data Stream Mining and Processing, DSMP 2016, статья № 7583555, pp. 257-262.	Scopus
120.	Onysko, M., Filak, I., Lendel, V.	Halogenoheterocyclization of 2-(allylthio)quinolin-3-carbaldehyde and 2-(propargylthio)quinolin-3-carbaldehyde (2016) Heterocyclic Communications, 22 (5), pp. 295-299.	Scopus
121.	Bilanych, V., Komanicky, V., Kozejova, M., Feher, A., Kovalcikova, A., Lofaj, F., Kuzma, V., Rizak, V.	Surface patterning of Ge–As–Se thin films by electric charge accumulation (2016) Thin Solid Films, 616, pp. 86-94.	Scopus
122.	Neymet, Y.Y., Studenyak, I.P., Buchuk, M.Y., Pal, Y.O., Kökényesi, S., Daróci, L., Cserháti, C., Bohdan, R.	Study of photo-structural changes under the influence of laser and e-beam irradiations in (Ag₃AsS₃)_{0.9}(As₂S₃)_{0.1} thin films (2016) Thin Solid Films, 616, pp. 717-721.	Scopus
123.	Mirutenko, V., Ghahari, H.	An annotated checklist of Malachiidae (Coleoptera: Cleroidea) from Iran (2016) Zootaxa, 4162 (2), pp. 331-346.	Scopus
124.	Bokotey, O.V.	Investigation of gyrotropic properties for Hg₃X₂Cl₂(X=Se, Te) crystals (2016) Journal of Alloys and Compounds, 678, pp. 444-447.	Scopus
125.	Malinina, A.A., Malinin, A.N.	Optical Characteristics of a Gas Discharge Plasma Based on a Mixture of Mercury Diiodide Vapor, Nitrogen, and Helium 2016) Journal of Applied Spectroscopy, 83 (4), pp. 592-597.	Scopus

126.	Rusin, A.V., Petrosov, O.V., Chumak, A.I., Kushnir, V.M.	Metastasis of two malignant tumors of different genesis in axillary Lymph node (a case report) (2016) <i>Experimental Oncology</i> , 38 (3), pp. 198-201.	Scopus
127.	Shvalya, V., Oleaga, A., Salazar, A., Stoika, I., Vysochanskii, Y.M.	Influence of dopants on the thermal properties and critical behavior of the ferroelectric transition in uniaxial ferroelectric Sn₂P₂S₆ (2016) <i>Journal of Materials Science</i> , 51 (17), pp. 8156-8167.	Scopus
128.	Zhaba, V.I.	New analytical forms of wave function in coordinate space and tensor polarization of deuteron (2016) <i>Modern Physics Letters A</i> , 31 (25), статья № 1650139, .	Scopus
129.	Sidey, V.	On the effective ionic radii for ammonium (2016) <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 72 (4), pp. 626-633.	Scopus
130.	Kvach, Y., Kutsokon, Y., Stepien, C.A., Markovych, M.	Role of the invasive Chinese sleeper <i>Perccottus glenii</i> (Actinopterygii: Odontobutidae) in the distribution of fish parasites in Europe: New data and a review (2016) <i>Biologia (Poland)</i> , 71 (8), pp. 941-951.	Scopus
131.	Chupov, S.V.	New Approaches to Solving Discrete Programming Problems on the Basis of Lexicographic Search (2016) <i>Cybernetics and Systems Analysis</i> , 52 (4), pp. 536-545.	Scopus
132.	Barchiy, I.E., Tatzkar, A.R., Fedorchuk, A.O., Plucinski, K.	Phase diagrams of novel Ti₄SnSe₄-TiSbSe₂-Ti₂SnSe₃quasi-ternary system following DTA and X-ray Diffraction (2016) <i>Journal of Alloys and Compounds</i> , 671, pp. 109-113.	Scopus
133.	Hrytsko, V., Kerevičius, G., Kupliauskiene, A., Borovik, A.	The 5p autoionization spectra of Ba atoms excited by electron impact: Identification of lines (2016) <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 49 (14), статья № 145201, .	Scopus
134.	Bokotey, O.V., Glukhov, K.E., Nebola, I.I., Bokotey, A.A.	First-principles calculations of phonons and Raman spectra in the Hg₃Te₂Cl₂crystals (2016) <i>Journal of Alloys and Compounds</i> , 669, pp. 161-166.	Scopus
135.	Parimucha, Š., Dubovský, P., Kudak, V., Perig, V.	Minima times of selected eclipsing binaries (2016) <i>Information Bulletin on Variable Stars</i> , 1 (6167), статья № 6167, .	Scopus

136.	Fizer, M., Slivka, M., Baumer, V., Lendel, V.	Synthesis of 3-Alkyl-5-Allylamino-2-benzoylimino-1,3,4-thiadiazoles via Dimroth rearrangement (2016) Heterocyclic Communications, 22 (2), pp. 79-83.	Scopus
137.	Masalovich, E.E., Sabov, M.Y., Barchii, I.E., Solomon, A.M.	Interaction in the systems TlBiSe ₂ -Tl ₉ BiSe ₆ -PbSe and Tl ₉ BiSe ₆ -Tl ₄ PbSe ₃ -PbSe (2016) Russian Journal of Inorganic Chemistry, 61 (4), pp. 507-510.	Scopus
138.	Šiljegović, M.V., Lukić-Petrović, S.R., Petrović, D.M., Videnović, I.R., Turyanytsa, I.I.	Mechanical characteristics of As ₂ S ₃ glasses induced by doping with bismuth (2016) Acta Physica Polonica A, 129 (4), pp. 488-491.	Scopus
139.	Barchij, I., Sabov, M., El-Naggar, A.M., AlZayed, N.S., Albassam, A.A., Fedorchuk, A.O., Kityk, I.V.	Tl ₄ SnS ₃ , Tl ₄ SnSe ₃ and Tl ₄ SnTe ₃ crystals as novel IR induced optoelectronic materials (2016) Journal of Materials Science: Materials in Electronics, 27 (4), pp. 3901-3905.	Scopus
140.	Zhaba, V.I.	The phase-functions method and full cross-section of nucleon-nucleon scattering (2016) Modern Physics Letters A, 31 (8), статья № 1650049, .	Scopus
141.	Bokotey, O.V., Studenyak, I.P., Nebola, I.I., Minets, Y.V.	Theoretical study of structural features and optical properties of the Hg ₃ S ₂ Cl ₂ polymorphs (2016) Journal of Alloys and Compounds, 660, pp. 193-196.	Scopus
142.	Sidey, V.I., Shteyfan, A.Ya.	Predicting the structures of the ideal ternary oxide pyrochlores: The bond valence model and distance least squares (2016) Journal of Alloys and Compounds, 660, pp. 433-436.	Scopus
143.	Dalekorey, A.V., Ivanytsky, V.P., Kovtunencko, V.S., Meshko, R.O.	The formation energies of the clusters of As-S materials vapor phase (2016) Journal of Optoelectronics and Advanced Materials, 18 (3-4), pp. 301-309.	Scopus
144.	Fizer, M., Slivka, M.	Synthesis of [1,2,4]triazolo[1,5-a]pyrimidine (microreview) (2016) Chemistry of Heterocyclic Compounds, 52 (3), pp. 155-157.	Scopus
145.	Laudereau, J.-B., Grabar, A.A., Tanter, M., Gennisson, J.-L., Ramaz, F.	Ultrafast acousto-optic imaging with ultrasonic plane waves (2016) Optics Express, 24 (4), pp. 3774-3789.	Scopus
146.	Fizer, M., Sukharev, S., Slivka, M., Mariychuk, R., Lendel, V.	Preparation of bistiourea and 5-Amino-4-benzoyl-1,2,4-triazol-3-thione complexes of Copper (II), Nickel and Zinc and their biological evolution	Scopus

		(2016) Journal of Organometallic Chemistry, 804, pp. 6-12.	
147.	Reity, O.K., Reity, V.K., Lazur, V.Yu.	Quasiclassical Approximation in the Non-Relativistic and Relativistic Problems of Tunneling Ionization of a Hydrogen-Like Atom in a Uniform Electric Field (2016) EPJ Web of Conferences, 108, статья № 02039, .	Scopus
148.	Hnatič, M., Khmara, V.M., Lazur, V.Yu., Reity, O.K.	Quasiclassical Study of the Quantum Mechanical Two-Coulomb-Centre Problem (2016) EPJ Web of Conferences, 108, статья № 02028, .	Scopus
149.	Gildea, J., Tylyshchak, A.	Torsion units in the integral group ring of PSL(3, 4) (2016) Journal of Algebra and its Applications, 15 (1), статья № 1650013, .	Scopus
150.	Rushchanskii, K.Z., Bilanych, R.M., Molnar, A.A., Yevych, R.M., Kohutych, A.A., Perechinskii, S.I., Samulionis, V., Banys, J., Vysochanskii, Y.M.	Ferroelectricity in (Pb_ySn_{1-y})₂P₂S₆ mixed crystals and random field BEG model (2016) Physica Status Solidi (B) Basic Research, 253 (2), pp. 384-391.	Scopus
151.	Salazar, A., Oleaga, A., Shvalya, V., Apiñaniz, E.	Improved thermal effusivity measurements of solids using the photopyroelectric technique in the front configuration (2016) International Journal of Thermal Sciences, 100, pp. 60-65.	Scopus
152.	Sheremet, N., Golub, P., Kurioz, Y., Trunov, M., Reznikov, Y.	Light-induced LC director freezing on a chalcogenide surface (2016) Liquid Crystals, 43 (2), pp. 249-255.	Scopus
153.	Studeniyak, I.P., Demko, P.Y., Studenyak, V.I., Maior, M.M., Il'Kovič, S., Reiffers, M., Timko, M.	Size effect on heat capacity and phase transitions in Cu₆PS₅I superionic conductors (2016) Journal of Alloys and Compounds, 656, pp. 439-442.	Scopus
154.	Rushchanskii, K.Z., Molnar, A., Bilanych, R., Yevych, R., Kohutych, A., Vysochanskii, Yu.M., Samulionis, V., Banys, J.	Observation of nonequilibrium behavior near the Lifshitz point in ferroelectrics with incommensurate phase (2016) Physical Review B, 93 (1), статья № 014101, .	Scopus
155.	Danilets, Ju.V.	Orthodox church in transcarpathia in the early Soviet years (on documents from declassified satr fund) (2016) Rusin, 46 (4), pp. 217-235.	Scopus
156.	Synyavska, O.O.	Interval estimation of the fractional Brownian motion parameter in a model with measurement error	Scopus

		(2016) Theory of Stochastic Processes, 21 (1), pp. 84-90.	
157.	Ustych, O.V., Rishko, M.V., Kutsyn, O.O.	Comorbid course of coronary heart disease and hypertension in residents of mountain areas of Transcarpathion region that had normal or slightly abnormal coronary arteriograms (2016) Wiadomosci lekarskie (Warsaw, Poland : 1960), 69 (6), pp. 737-738.	Scopus
158.	Mulesa, O., Geche, F.	Designing fuzzy expert methods of numeric evaluation of an object for the problems of forecasting (2016) EasternEuropean Journal of Enterprise Technologies, 3 (4-81), pp. 37-43.	Scopus
159.	Danilets, Ju.V.	The orthodox movement in transcarpathia during the years of WWI (2016) Rusin, 44 (2), pp. 136-157.	Scopus
160.	Zhaba, V.I.	New analytical forms of a deuteron wave function for potentials Nijmegen groups (2016) Nuclear Physics and Atomic Energy, 17 (1), pp. 22-26.	Scopus
161.	Cherlennyak, I.I., Kurei, O.A.	Economic dynamics of the Carpathian region's countries in the focus of competitiveness and innovation indices (2016) Actual Problems of Economics, 184 (10), pp. 33-46.	Scopus
162.	Marynets, K.	On the construction of the approximate solution of a special type integral boundary value problem (2016) Electronic Journal of Qualitative Theory of Differential Equations, 2016, .	Scopus
163.	Zhaba, V.I.	Calculation of phases of np-scattering up to $T_{lab} = 3$ GeV for Reid68 and Reid93 potentials on the phase-function method (2016) Problems of Atomic Science and Technology, 105 (5), pp. 29-32.	Scopus
164.	Zhaba, V.I.	Approximation of the deuteron wave function with the use of nijmegen potentials and deuteron polarization characteristics (2016) Ukrainian Journal of Physics, 61 (11), pp. 943-949.	Scopus
165.	Prokhnenko, I., Zhylenko, M., Moizhes, V.	Korolevo castle of nyaláb (2016) Archaeologia Historica, 41 (1), pp. 273-299.	Scopus
166.	Zhero, S.V., Hotko, Y.S., Tsyhyka, D.Y., Ihnatko, V.Y., Pohorelova, N.Y.	Peculiarities of breast cancer incidence rate in urban population and implementation of screening programs in health care system	Scopus

		(2016) Wiadomości lekarskie (Warsaw, Poland : 1960), 69 (1), pp. 61-63.	
167.	Zhaba, V.I.	Approximation of the deuteron wave functions and polarizing characteristics for Reid93 potential (2016) Problems of Atomic Science and Technology, 103 (3), pp. 154-157.	Scopus
168.	Malyar, N., Polishchuk, V., Sharkadi, M., Liakh, I.	Model of start-ups assessment under conditions of information uncertainty (2016) EasternEuropean Journal of Enterprise Technologies, 3 (4-81), pp. 43-49.	Scopus
169.	Kish, R.	Chromosome numbers of bulbous monocotyledons of the Transcarpathian flora (Ukraine) (2016) Thaiszia Journal of Botany, 26 (1), pp. 21-26.	Scopus
170.	Rosul, M.V., Patskan, B.M.	Ozone therapy effectiveness in patients with ulcerous lesions due to diabetes mellitus (2016) Wiadomości lekarskie (Warsaw, Poland : 1960), 69 (1), pp. 7-9.	Scopus
171.	Bokotey, O.V., Vakulchak, V.V., Bokotey, A.A., Nebola, I.I.	Manifestation of point defects in the electronic structure of Hg₃Te₂Cl₂ crystals (2016) Ukrainian Journal of Physics, 61 (10), pp. 901-908.	Scopus
172.	Svitlyk, N.M.	The cultural life of transcarpathia on the Eve and during WWI (2016) Rusin, 44 (2), pp. 229-244.	Scopus
173.	Danilets, J.V.	Theological education Orthodox clergy in Transcarpathia (1910-1938 years) (2016) Rusin, 43 (1), pp. 145-158.	Scopus
174.	Klitynska, O.V., Kostenko, Y.Y., Gurando, V.R., Karpinets, V.M.	Influence of different types of plant extracts on the Streptococcus sobrinus culture (2016) Journal of Stomatology, 69 (4), pp. 443-447.	Scopus
175.	Kovalchuk, A.A., Plyashechnik, V.I.	Organic matter decomposition by zoobenthos in the spring and streams in the basin of the middle river in the eastern Carpathians (2016) Hydrobiological Journal, 52 (2), pp. 14-24.	Scopus
176.	Zhaba, V.I.	New analytical forms through laguerre functions for wave function in coordinate space and tensor polarization of deuteron (2016) Electronic Journal of Theoretical Physics, 13 (36), pp. 161-170.	Scopus

177.	Kichera, V.V.	The theme "war and peace" in the correspondence and business documents of the Basilians in Hungarian Rus' (1914-1918) (2016) Rusin, 44 (2), pp. 200-211.	Scopus
178.	Zhaba, V.I.	Analytical forms of the wave function in coordinate space and tensor polarization of the deuteron for potentials Nijmegen group (2016) Journal of Physical Studies, 20 (3), статья № 3101, .	Scopus
179.	Svatiuk, O.Y.	Contrast of electron microscopy images of amorphous objects (2016) Journal of Nano- and Electronic Physics, 8 (1), статья № 01005, .	Scopus
180.	Kichera,	Problems of the legal existence of the Jewish community in the conditions of Soviet power in Transcarpathia (example by Beregovo synagogue)	
181.	V.V. Shuaibov, A.K., Mesarosh, L.V., Chuchman, M.P.	The concentration of electrons in the one-channel atmospheric pressure glow dischargeplasmato the surfaceof distilled water (2016) Technical Electrodynamics, 2016 (2), pp. 25-28.	
182.	Lendel, M.	Migration of Ukrainians to Central European countries in the context of the Postmaidan internal and international crisis (2016) Public Policy and Administration, 15 (4), pp. 549-563.	
183.	Kablak, N., Reity, O., Ștefan, O., Rădulescu, A.T.G.M., Rădulescu, C.	The remote monitoring of earth's atmosphere based on operative processing GNSS data in the UA-EUPOS/ZAKPOS network of active reference stations	
184.	Pohorelov, A., Savanevych, V., Udovenko, S.	An investigation of the reduction model power influence on the accuracy of the object's position assessment using relative method (2016) EasternEuropean Journal of Enterprise Technologies, 4 (4-82), pp. 42-49.	
185.	Kozachenko, Y.V., Mlavets, Y.Y.	An application of the theory of spaces $F\psi(\Omega)$ for evaluating multiple integrals by using the monte Carlo method	

		(2016) Theory of Probability and Mathematical Statistics, 92, pp. 59-69.	
186.	Kharkhalis, L.Yu., Glukhov, K.E., Sznajder, M.	Electron-deformational phase transitions in a TiGaSe2 layered crystal (2016) Acta Physica Polonica A, 129 (1), pp. A123-A125.	
187.	Zhukov, S.A., Solokha, D.V., Bieliakova, O.V.	Economic inertia of Ukrainian industry and innovation potential formation at the levels of a branch and a region (2016) Actual Problems of Economics, 181 (7), pp. 16-22.	
188.	Sharga, B.M., Krivovjaz, A.O., Slivka, M.V., Lambruch, L.M., Cheypesh, A.V., Lendel, V.G., Nikolaychuk, V.I., Markovich, V.P.	Synthesis and antimicrobial activity of phenylselenyl tribromide and its fused thienopyrimidine derivatives (2016) Farmacia, 64 (4), pp. 512-520	
189.	Condrey, S.E., Purvis, K., Slava, S.S.	Public management reform under stress: The Ukrainian civil service experience (2016) Public Management Review, 3 (2), pp. 271-280.	
190.	Rontó, A., Rontó, M., Varha, J.	On non-linear boundary value problems and parametrisation at multiple nodes (2016) Electronic Journal of Qualitative Theory of Differential Equations, 2016, статья № 80, . DOI: 10.14232/ejqtde.2016.1.80	
191.	Herych, M.S., Husak, D.V.	On the Moment-Generating Functions of Extrema and Their Complements for Almost Semicontinuous Integer-Valued Poisson Processes on Markov Chains (2016) Ukrainian Mathematical Journal, 67 (8), pp. 1164-1182.	
192.	Oleaga, A., Shvalya, V., Sefat, A.S., Salazar, A.	Transport Thermal Properties of LiTaO3 Pyroelectric Sensor from 15 K to 400 K and Its Application to the Study of Critical Behavior in EuCo2As2 (2016) International Journal of Thermophysics, 37 (1), статья № 4, pp. 1-8.	
193.	Bondarenko, V.M., Bortos, M.Y., Dinis, R.F., Tylyshchak, A.A.	Indecomposable and irreducible t-monomial matrices over commutative rings (2016) Algebra and Discrete Mathematics, 22 (1), pp. 11-20.	
194.	Simulik, V.M., Zajac, T.M., Tymchyk, R.V.	Choice of the wave function for the helium ground state for precision calculations of quasistationary state parameters	

		(2016) Ukrainian Journal of Physics, 61 (11), pp. 950-955.	
195.	Bodyanskiy, Y., Vynokurova, O., Savvo, V., Tverdokhlib, T., Mulesa, P.	Hybrid clustering-classification neural network in the medical diagnostics of the reactive arthritis (2016) International Journal of Intelligent Systems and Applications, 8 (8), pp. 1-9.	
196.	Maslyuk, V.T., Symkanich, O.I., Svatyuk, N.I., Parlag, O.O., Sukharev, S.M.	The natural radioactivity of the Carpathian national parks and radon evaluation (2016) Nukleonika, 61 (3), pp. 351-356.	
197.	Mulesa, O., Snytyuk, V., Myronyuk, I.	Forming the clusters of labour migrants by the degree of risk of HIV infection (2016) EasternEuropean Journal of Enterprise Technologies, 3 (4-81), pp. 50-55.	
198.	Bercha, S.A., Glukhov, K.E., Kharkhalis, L. Yu., Sznajder, M.	Construction of the adiabatic potential of a symmetric molecule in the vicinity of charged semiconductor surface (2016) Acta Physica Polonica A, 129 (1), pp. A120-A122.	
199.	Torma, N., Kopolovets, I., Frankovičová, M., Tormová, Z., Lacková, V., Kopolovets, G., Olos, A.	Minimally invasive treatment methods of lower limb varicosity of C5-C6 Classes (CEAP) (2016) Novosti Khirurgii, 24 (6), pp. 623-628.	
200.	Zajac, M., Kish, R., Kuzemko, A., Smatanová, J., Škodová, I.	Semi-natural mesic grasslands of bystrytsya valley (Ukrainian Carpathians) (2016) Thaiszia Journal of Botany, 26 (2), pp. 91-123.	
201.	Kananen, B.E., Golden, E.M., Basun, S.A., Evans, D.R., Grabar, A.A., Stoika, I.M., Mcclory, J.W., Giles, N.C., Halliburton, L.E.	Dual role of Sb ions as electron traps and hole traps in photorefractive Sn2P2S6 crystals (2016) Optical Materials Express, 6 (12), pp. 3992-3999.	
202.	Zajac, M., Ujházy, K., Škodová, I., Kuzemko, A., Borsukevych, L., Danylyuk, K., Duchoň, M., Figura, T., Kish, R., Smatanová, J., Turis, P., Turisová, I., Uhliarová, E., Janišová, M.	Classification of semi-natural mesic grasslands in the Ukrainian Carpathians (2016) Phytocoenologia, 46 (3), pp. 257-293.	
203.	Peeters, M., Oliner, K.S., Price, T.J., Cervantes, A., Sobrero, A.F., Ducreux, M., Hotko, Y., André, T., Chan, E., Lordick, F., Punt, C.J.A., Strickland, A.H., Wilson, G., Ciuleanu, T.E., Roman, L., Van Cutsem, E., He, P., Yu, H., Koukakis, R., Terwey, J.-H., Jung, A.S., Sidhu, R., Patterson, S.D.	Analysis of KRAS/NRAS Mutations in a Phase III Study of Panitumumab with FOLFIRI Compared with FOLFIRI Alone as Second-line Treatment for Metastatic Colorectal Cancer (2015) Clinical Cancer Research, 21 (24), pp. 5469-5479.	
204.	Kondrat, O., Holomb, R., Popovich, N., Mitsa, V., Veres, M., Csik, A., Feher, A., Tsud, N., Vondráček, M., Matolín, V., Prince, K.C.	In situ investigations of laser and thermally modified As2S3nanolayers: Synchrotron radiation photoelectron spectroscopy and density functional theory calculations	

		(2015) Journal of Applied Physics, 118 (22), статья № 225307.	
205.	Slivka, M., Korol, N., Rusyn, I., Lendel, V.	Synthesis of [1,3]thiazolo[3,2-b][1,2,4]triazol-7-ium and [1,2,4]triazolo[5,1-b][1,3]thiazin-4-ium salts via regioselective electrophilic cyclization of 3-[(2-alken-1-yl)sulfanyl]-4H-1,2,4-triazoles (2015) Heterocyclic Communications, 21 (6), pp. 397-401.	
206.	Perova, I., Mulesa, P.	Fuzzy spacial extrapolation method using Manhattan metrics for tasks of Medical Data mining (2015) Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT 2015, статья № 7325443, pp. 104-106.	
207.	Geche, F., Kotsovsky, V., Batyuk, A.	Synthesis of the integer neural elements (2015) Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT 2015, статья № 7325432, pp. 63-66.	
208.	Kotsovsky, V., Geche, F., Batyuk, A.	Artificial complex neurons with half-plane-like and angle-like activation function (2015) Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT 2015, статья № 7325430, pp. 57-59.	
209.	Mulesa, O., Geche, F., Batyuk, A.	Information technology for determining structure of social group based on fuzzy c-means (2015) Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT 2015, статья № 7325431, pp. 60-62.	
210.	Gedeon, V., Gedeon, S., Lazur, V., Nagy, E., Zatsarinny, O., Bartschat, K.	B-spline R-matrix-with-pseudostates calculations for electron collisions with aluminum (2015) Physical Review A - Atomic, Molecular, and Optical Physics, 92 (5), статья № 052701	
211.	Savanevych, V.E., Briukhovetskyi, A.B., Ivashchenko, Y.N., Vavilova, I.B., Bezkrivniy, M.M., Dikov, E.N., Vlasenko, V.P., Sokovikova, N.S., Movsesian, I.S., Dikhtyar, N.Y., Elenin, L.V., Pohorelov, A.V., Khlamov, S.V.	Comparative analysis of the positional accuracy of CCD measurements of small bodies in the solar system software CoLiTec and Astrometrica (2015) Kinematics and Physics of Celestial Bodies, 31 (6), pp. 302-313.	
212.	Shvalya, V., Oleaga, A., Salazar, A., Kohutych, A.A., Vysochanskii, Y.M.	Critical behaviour study of ferroelectric semiconductors (Pb_{1-x}Sn_x)₂S₆ from thermal diffusivity measurements (2015) Thermochemica Acta, 617, pp. 136-143.	

213.	Shvalya, V., Oleaga, A., Salazar, A., Kohutych, A.A., Vysochanskii, Yu.M.	Thermal diffusivity and 3D-XY critical behavior of ferroelectric semiconductors (PbxSn1-x)2P2Se6 (2015) Journal of Physics and Chemistry of Solids, 88, pp. 78-84.	
214.	Studeniyak, I.P., Kutsyk, M.M., Buchuk, M.Y., Rati, Y.Y., Neimet, Y.Y., Izai, V.Y., Kökényesi, S., Nemeč, P.	Temperature studies of optical parameters of (Ag3AsS3)0.6(As2S3)0.4 thin films prepared by rapid thermal evaporation and pulse laser deposition (2015) Optical Materials, . Article in Press.	
215.	Bilanych, V., Komanicky, V., Lacková, M., Feher, A., Kuzma, V., Rizak, V.	Fabrication of meso- and nano-scale structures on surfaces of chalcogenide semiconductors by surface hydrodynamic interference patterning (2015) Materials Research Express, 2 (10), статья № 105201.	
216.	Shafranyosh, I.I., Svida, Y.Y., Sukhoviya, M.I., Shafranyosh, M.I., Minaev, B.F., Baryshnikov, G.V., Minaeva, V.A.	Absolute effective cross sections of ionization of adenine and guanine molecules by electron impact (2015) Technical Physics, 60 (10), pp. 1430-1436.	
217.	Morozovska, A.N., Vysochanskii, Y.M., Varenik, O.V., Silibin, M.V., Kalinin, S.V., Eliseev, E.A.	Flexocoupling impact on the generalized susceptibility and soft phonon modes in the ordered phase of ferroics (2015) Physical Review B - Condensed Matter and Materials Physics, 92 (9), статья № 094308.	
218.	Barchii, I.E., Tats'kar, A.R., Koz'ma, A.A., Peresh, E.Y.	Interaction of components in the TlIn2Se4SnSe-TlIn9SbSe-quasi-ternary system (2015) Russian Journal of Inorganic Chemistry, 60 (9), статья № 846, pp. 1148-1151.	
219.	Takáts, V., Trunov, M.L., Vad, K., Hák, J., Beke, D.L., Kaganovskii, Yu., Kökényesi, S.	Low-temperature photo-induced mass transfer in thin AsIn20Se80 amorphous films (2015) Materials Letters, 160, статья № MLBLUED1503724, pp. 558-561.	
220.	<u>Sidey, V.</u>	An alternative empirical model for the relationship between the bond valence and the thermal expansion rate of chemical bonds (2015) Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 71, pp. 484-487.	
221.	Shuaibov, A.K., Minya, A.I., Gritsak, R.V., Gomoki, Z.T.	Characteristics and parameters of plasma of a gas-discharge UV-VUV lamp on a system of bands of argon chloride and chlorine molecules (2015) High Temperature, 53 (4), pp. 476-480.	
222.	Bletskan, M.M., Bletskan, D.I., Grabar, A.A.	Influence of intrinsic point defects and antimony impurity on the electronic structure and photoelectric properties of tin monosulfide	

		(2015) Applied Physics A: Materials Science and Processing, 120 (1), pp. 321-333.	
223.	Danilyuk, P.S., Puga, P.P., Gomonai, A.I., Krasilnits, V.N., Volovich, P.N., Rizak, V.M.	X-ray luminescence and spectroscopic characteristics of Er^{3+} ions in a glassy lithium tetraborate matrix (2015) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 118 (6), pp. 924-929.	
224.	Pogodin, A.I., Kokhan, A.P., Barchii, I.E., Solomon, A.M., Stasyuk, Yu.M.	Physicochemical interaction in the $\text{CuBr-Cu}^{2+};\text{S-Cu}^{6+};\text{PS};\text{Br}$ quasi-ternary system (2015) Russian Journal of Inorganic Chemistry, 60 (6), pp. 741-745.	
225.	Belianinov, A., He, Q., Dziaugys, A., Maksymovych, P., Eliseev, E., Borisevich, A., Morozovska, A., Banys, J., Vysochanskii, Y., Kalinin, S.V.	$\text{CuInP}^{2+};\text{S}^{6+}$; Room Temperature Layered Ferroelectric (2015) Nano Letters, 15 (6), pp. 3808-3814.	
226.	Rontó, M., Varha, Y., Marynets, K.	Further results on the investigation of solutions of integral boundary value problems (2015) Tatra Mountains Mathematical Publications, 63 (1), pp. 247-267.	
227.	Karbovanets, O.M., Karbovanets, M.I., Khoma, M.V., Lazur, V.Yu.	Two-electron exchange interaction between polar molecules and atomic ions - Asymptotic approach (2015) European Physical Journal D, 69 (4), статья № 94.	
228.	Fizer, M., Slivka, M., Rusanov, E., Turov, A., Lendel, V.	[1,3]Thiazolo[2',3':3,4][1,2,4]triazolo[1,5-a]pyrimidines - A new heterocyclic system accessed via bromocyclization (2015) Journal of Heterocyclic Chemistry, 52 (3), pp. 949-952.	
229.	Kamenshchikov, V.N., Suslikov, L.M.	Calculation of refraction indices of triple chalcogenide crystals (2015) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 118 (4), pp. 614-616.	
230.	Kondrat, O., Holomb, R., Popovich, N., Mitsa, V., Veres, M., Csik, A., Tsud, N., Matolín, V., Prince, K.C.	Local surface structure and structural properties of As-Se nanolayers studied by synchrotron radiation photoelectron spectroscopy and DFT calculations (2015) Journal of Non-Crystalline Solids, 410, pp. 180-185.	
231.	Liu, Y., Lai, P., Ma, C., Xu, X., Grabar, A.A., Wang, L.V.	Optical focusing deep inside dynamic scattering media with near-infrared time-reversed ultrasonically encoded (TRUE) light (2015) Nature Communications, 6, статья № 5904.	
232.	<u>Sidey, V.</u>	The extended variant of the bond valence-bond length correlation curve for boron(III)-oxygen bonds (2015) Zeitschrift für Kristallographie - Crystalline Materials, 230 (7), pp. 495-498.	
233.	<u>Danilets, Ju.V.</u>	Transformation in the life of Orthodox Church in the Carpathian region in the years 1939-1945	

		(2015) Rusin, 40 (2), pp. 61-79.	
234.	Malinina, A.A., Malinin, A.N.	Optical characteristics and parameters of gas-discharge plasma in a mixture of mercury dibromide vapor with argon (2015) Plasma Physics Reports, 41 (3), pp. 281-289.	
235.	Bobyk, M.Yu., Ivanitsky, V.P., Ryaboshchuk, M.M., Svatyuk, O.Ya.	Different electron-scattering mechanisms' contribution to the formation of the amplitude contrast of electron- microscopic images (2015) Nanosistemi, Nanomateriali, Nanotehnologii, 13 (1), pp. 85-97.	
236.	Horbokon, V.Y.	Resource potential formation of transport companies (2015) Actual Problems of Economics, 166 (4), pp. 182-191.	
237.	Gordiychuk, S.O.	Labor expulsion an important means of sovietization transcarpathian Ukraine (1944-1946) (2015) Rusin, 39 (1), pp. 203-213.	
238.	Slavik, R.V.	Institutional environment formation for recreation economy development in the context of increazing the investment attractiveness of the industry (2015) Actual Problems of Economics, 173 (11), pp. 277-284.	
239.	Bidzilya, Y.	Slovak press in zakarpattia as the revival of national identity (2015) European Journal of Science and Theology, 11 (6), pp. 67-78.	
240.	Kushnir, N.O., Khymynets, V.V.	Modern external economic relations of the European union (2015) Actual Problems of Economics, 172 (10), pp. 37-42.	
241.	<u>Troshki, V.B.</u>	Restricted isometry property for matrices whose entries are random variables belonging to some orlicz spaces $L_u(\Omega)$ (2015) Theory of Probability and Mathematical Statistics, 91, pp. 193-203.	
242.	Kozma, A.A., Sabov, M.Y., Peresh, E.Y., Barchiy, I.E., Tsygyka, V.V.	Thermoelectric properties of a eutectic SnSe ₂ -Bi ₂ Se ₃ alloy (2015) Inorganic Materials, 51 (2), pp. 93-97.	
243.	Shuaibov, A.K., Minya, A.I., Hrytsak, R.V., Gomoki, Z.T.	Characteristics of a nanosecond-barrier-discharge-pumped multiwave UV - VUV lamp on a mixture of argon, krypton and vapours of freon (2015) Quantum Electronics, 45 (2), pp. 185-188.	
244.	Zhaba, V.I.	Calculation of phases of nucleon-nucleon scattering for potentials NijmI, NijmII and Nijm93 on the phase-function method (2015) Journal of Physical Studies, 19 (4), статья № 4201.	
245.	Zhaba, V.I., Parlag, A.M.	Methods of calculation of cross section of reaction $\sigma_{115}(\gamma, n)_{114m}$ (2015) Problems of Atomic Science and Technology, 97 (3), pp. 34-37.	

246.	Kozak, M.I.	Calculation of optical waves propagation through gyrotropic anisotropic media: Lr- and sp-polarization (2015) Progress in Electromagnetics Research Letters, 54, pp. 71-77.	
247.	<u>Gasuda, L.</u>	Specific features of integration and convergence of territorial economic systems (2015) Economic Annals-XXI, 9-10, pp. 83-86.	
248.	Laslov, G.E., Chuchman, M.P., Shuaibov, A.K.	Characteristics and parameters of nanosecond discharge with composite electrodes (2015) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 118 (2), pp. 199-201.	
249.	Krošláková, M., Kubičková, V., Jurkovičová, L., Kubiniy, N.	Dynamics of high growth enterprises-"gazelles"-in Czech Republic (2015) Problems and Perspectives in Management, 13 (2), pp. 27-35.	
250.	Bercha, D.M., Bercha, S.A., Glukhov, K.E., Sznajder, M.	Vibronic interaction in crystals with the Jahn-Teller centers in the elementary energy bands concept (2015) Condensed Matter Physics, 18 (3), статья № 33705.	
251.	Bieliakova, O.V., Zhukov, S.A.	Innovative potential and technology transfer at national and regional markets of industrial production (2015) Actual Problems of Economics, 173 (11), pp. 163-171.	
252.	Ivanitska, G.M., Kovtunencko, V.S., Ryaboschuk, M.M.	The effect of the interatomic distances distribution character on the radial distribution function of amorphous solids (2015) Journal of Nano- and Electronic Physics, 7 (2), pp. 1-5.	
253.	Chumak, V., Obrist, M.K., Moretti, M., Duelli, P.	Arthropod diversity in pristine vs. managed beech forests in Transcarpathia (Western Ukraine) (2015) Global Ecology and Conservation, 3, pp. 72-82.	
254.	Martynyuk-Lototska, I., Kushnirevych, M., Zapeka, B., Krupych, O., Kokhan, O., Pogodin, A., Peresh, E., Mys, O., Vlokh, R.	Acoustic anisotropy of acoustooptic Tl_3AsS_4 crystals (2015) Applied Optics, 54 (6), pp. 1302-1308.	
255.	Bazel', Y.R., Lavra, V.M.	A combination of microextraction separation, preconcentration, and spectrophotometric detection for the determination of sodium dodecyl sulfate with quinaldine red (2015) Journal of Analytical Chemistry, 70 (3), pp. 305-309.	
256.	Reznikova, V.V., Orlova, O.S.	Accounting policy of business entities according to the legislation of Ukraine (2015) Actual Problems of Economics, 171 (9), pp. 372-381.	
257.	Zatsarinny, O., Bartschat, K., Nagy, E., Gedeon, S., Gedeon, V., Lazur, V.	Electron scattering from aluminum: B-spline R-matrix calculations (2015) Journal of Physics: Conference Series, 635 (5), статья № 052012.	
258.	Rontó, M., <u>Varha, Y.</u>	Successive approximations and interval halving for integral boundary value problems	

		(2015) Miskolc Mathematical Notes, 16 (2), pp. 1129-1152. Цитирован(ы) 1 раз. DOI: 10.18514/MMN.2015.1708	
259.	Slava, S.S.	Two-criteria spatial clustering of the priority types of economic activities in a region (2015) Actual Problems of Economics, 170 (8), pp. 257-263.	
260.	Kozachenko, Y.V., Mlavets, Y.Y.	Reliability and accuracy in the space $L^p(T)$ for the calculation of integrals depending on a parameter by the Monte Carlo method (2015) Monte Carlo Methods and Applications, 21 (3), pp. 233-244.	
261.	<u>Geche, F.</u> , Kotsovsky, V., Batyuk, A., <u>Geche, S.</u> , Vashkeba, M.	Synthesis of time series forecasting scheme based on forecasting models system (2015) CEUR Workshop Proceedings, 1356, pp. 121-136.	
262.	Shusta, O., Slivka, A., Shusta, V., Petryshynets, I.	Dielectric Properties of $Cu(In_{0.7}Cr_{0.3})P_2S_6$ Crystals under High Hydrostatic Pressure (2015) Ferroelectrics, 485 (1), pp. 124-128.	
263.	Adamenko, D., Kushnirevych, M., Kokhan, O., Vlokh, R.	Faraday effect in Tl_3As_4 crystals (2015) Ukrainian Journal of Physical Optics, 16 (3), pp. 134-137.	
264.	Kovacs, G., Glukhov, K., Gulacsi, Z.	Quadrilateral quantum chain hamiltonian cast in positive semidefinite form containing non-linear fermionic contributions (2015) WSEAS Transactions on Applied and Theoretical Mechanics, 10, статья № #20, pp. 187-193.	
265.	Prokhnenko, I., Kaliničenko, V.	A medieval sword from the village of Bohdan in the Rakhiv district of Zakarpats'ka oblast, Ukraine [Article@Stredoveký Mec z obce bohdan Rakhivského rajónu Zakarpatskej oblasti Ukrajiny] (2015) Archaeologia Historica, 40 (2), pp. 929-939.	
266.	Martynyuk-Lototska, I., Mys, O., Zapeka, B., Solomon, A.M., Kokhan, O., Vlokh, R.	Acoustic, elastic and acoustooptic properties of Tl_3As_3 crystals: Acoustic isotropic point (2015) Ukrainian Journal of Physical Optics, 16 (4), pp. 178-186.	
267.	Torma, N., Kopolovets, I.I., Sihotsky, V., Kubikova, M., Frankovicova, M.	Surgical treatment of atherosclerotic stenosis of carotid arteries in combination with pathological tortuosity of the internal carotid artery for ischemic stroke prevention (2015) Novosti Khirurgii, 23 (6), pp. 631-636.	
268.	Rontó, A., Rontó, M., Varha, J.	A new approach to non-local boundary value problems for ordinary differential systems (2015) Applied Mathematics and Computation, 250, pp. 689-700.	
269.	Sheremet, N., Kurioz, Y., Senenko, A., Trunov, M., Reznikov, Y.	Photoalignment in the isotropic phase of liquid crystal on chalcogenide glass film (2015) Liquid Crystals, 42 (1), pp. 81-86.	

270.	Kutsyk, M.M., Ráti, Y.Y., Izai, V.Y., Makauz, I.I., Studenyak, I.P., Kökényesi, S., Komada, P., Zhailaubayev, Y., Smailov, N.	Temperature behaviour of optical parameters in (Ag ₃ AsS ₃) _{0.3} (As ₂ S ₃) _{0.7} thin films (2015) Proceedings of SPIE - The International Society for Optical Engineering, 9816, статья № 98160B.	
271.	Malinina, A.A., Starikovskaya, S.M., Malinin, A.N.	Nanosecond barrier discharge in a krypton/helium mixture containing mercury dibromide: Optical emission and plasma parameters (2015) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 118 (1), pp. 26-36.	
272.	Torma, N., Sihotsky, V., Kopolovets, I.I., Frankovicova, M., Sabol, F., Kubikova, M., Stefanic, P.	The results of simultaneous operations in patients with atherosclerotic lesions of carotid and coronary arteries (2015) Novosti Khirurgii, 23 (2), pp. 171-175.	
273.	Tóth, S., Himics, L., Veres, M., Balogh, Z., Ralchenko, V.G., Koós, M.	Zero-phonon line characteristics of SiV center emission in microcrystalline diamond probed with intensive optical excitation (2015) Journal of Luminescence, 158, pp. 260-264.	
274.	Macutkevic, J., Banys, J., Vysochanskii, Y.	Electrical conductivity of layered CuInP ₂ (S _x Se) _{1-x} crystals (2015) Physica Status Solidi (B) Basic Research, 252 (8), pp. 1773-1777.	
275.	Stercho, I.P., Barchii, I.E., Malakhovskaya, T.A., Pogodin, A.I., Sidei, V.I., Solomon, A.M., Peresh, E.Y.	Physicochemical interaction in the Cs ₃ Sb ₂ Br ₉ -Cs ₂ TeBr ₆ system: The phase diagram and the nature of the interaction of components (2015) Russian Journal of Inorganic Chemistry, 60 (2), pp. 225-229.	
276.	He, Q., Belianinov, A., Dziaugys, A., Maksymovych, P., Vysochanskii, Y., Kalinin, S.V., Borisevich, A.Y.	Antisite defects in layered multiferroic CuCr _{0.9} In _{0.1} P ₂ S ₆ (2015) Nanoscale, 7 (44), pp. 18579-18583.	
277.	Lavra, V., Bazel, Y., Badida, M., Andruch, V.	Liquid-liquid microextraction and spectrophotometric determination of anionic surfactants using Astra Phloxine FF (2015) International Journal of Environmental Analytical Chemistry, 95 (3), pp. 217-224.	
278.	Romanova, L.G., Tamuliene, J., Vukstich, V.S., Snegurskaya, T.A., Papp, A.V., Snegursky, A.V.	Production of similar fragments from the glycine, alanine, and methionine amino acid molecules under low-energy electron impact (2015) Acta Physica Polonica A, 128 (1), pp. 15-24.	
279.	Reshak, A.H., Alahmed, Z.A., Barchij, I.E., Sabov, M.Y., Plucinski, K.J., Kityk, I.V., Fedorchuk, A.O.	The influence of replacing Se by Te on electronic structure and optical properties of Tl ₄ PbX ₃ (X = Se or Te): Experimental and theoretical investigations (2015) RSC Advances, 5 (124), pp. 102173-102181.	

280.	<u>Studenyyak, I.P.</u> , Bendak, A.V., Demko, P.Y., <u>Studenyyak, V.I.</u> , Izai, V.Y., Vorokhta, M., Matolin, V., Kúš, P., Lisý, V., Komada, P., Kashaganova, G.	Influence of external factors on optical parameters in Cu₆PS₅I thin films (2015) Proceedings of SPIE - The International Society for Optical Engineering, 9816, статья № 98160C,	
281.	Škodová, I., Janišová, M., Hegedúšová, K., Borsukevych, L., Smatanová, J., Kish, R., Píš, V.	Sub-montane semi-natural grassland communities in the Eastern Carpathians (Ukraine) (2015) Tuexenia, 35 (1), pp. 355-380.	
282.	Kopčanský, P., Tomčo, L., Jadzyn, J., Swiergiel, J., Majorošová, J., Kubovčková, M., Timko, M., Rajňák, M., Šipošová, K., Gažová, Z., Bednariková, Z., Tomašovicová, N., Hu, C.-K., Hayryan, S., <u>Studenyyak, I.</u> , Kovalchuk, T.M., Kovalchuk, O.V.	Dielectric properties of lyotropic magnetic liquid crystal (2015) Acta Physica Polonica A, 127 (2), pp. 632-634.	
283.	Radócz, L., Görös, G., Tarcali, G., Irinyi, L., Egyed, K., Krochko, V.	First detection of the chestnut blight fungus on sessile oak in Ukraine (2014) Acta Horticulturae, 1019, pp. 199-204.	
284.	Shpotyuk, O., Kozyukhin, S., Shpotyuk, Y., Demchenko, P., Mitsa, V., Veres, M.	Coordination disordering in near-stoichiometric arsenic sulfide glass (2014) Journal of Non-Crystalline Solids, 402, pp. 236-243.	
285.	Holovey, V.M., Popovych, K.P., Prymak, M.V., Bírov, M.M., Krasilinets, V.M., <u>Sidey, V.I.</u>	X-ray induced optical absorption in Li₂B₄O₇ and Li₂B₄O₇:Cu single crystals and glasses (2014) Physica B: Condensed Matter, 450, pp. 34-38.	
286.	<u>Mitsa, V.</u> , <u>Holomb, R.</u> , Kondrat, O., Popovych, N., Tsud, N., Matolín, V., Prince, K.C., Lovas, G., Petretskiy, S., Tóth, S.	Synchrotron XPS studies of illuminated and annealed flash evaporated a-Ge₂S₃ films (2014) Journal of Non-Crystalline Solids, 401, pp. 258-262.	
287.	Šalkus, T., Kazakevičius, E., Banys, J., Kranjčec, M., Chomolyak, A.A., Neimet, Y.Y., <u>Studenyyak, I.P.</u>	Influence of grain size effect on electrical properties of Cu₆PS₅I superionic ceramics (2014) Solid State Ionics, 262, pp. 597-600.	
288.	Šalkus, T., Kežionis, A., Ivanov, M., Kayla, M.I., Kranjčec, M., Studenyyak, I.P., Banys, J.	Electrical conductivity and dielectric permittivity of Cu₆As₅I superionic crystals (2014) Solid State Ionics, 262, pp. 582-584.	
289.	Azhniuk, Yu.M., Villabona, A., <u>Gomonnai, A.V.</u> , <u>Rubish, V.M.</u> , Marjan, V.M., Gomonnai, O.O., Zahn, D.R.T.	Raman and AFM studies of (As₂S₃)_{0.45}(SbSI)_{0.55} thin films and bulk glass (2014) Journal of Non-Crystalline Solids, 396-397, pp. 36-40.	
290.	Trencsényi, R., Glukhov, K., Gulácsi, Z.	Exact ground state for the four-electron problem in a 2D finite honeycomb lattice (2014) Philosophical Magazine, 94 (19), pp. 2195-2223.	
291.	Gedeon, V., Gedeon, S., Lazur, V., Nagy, E., Zatsarinny, O., Bartschat, K.	B -spline R -matrix-with-pseudostates calculations for electron-impact excitation and ionization of fluorine (2014) Physical Review A - Atomic, Molecular, and Optical Physics, 89 (5), статья № 052713.	
292.	Kaganovskii, Yu., Trunov, M.L., Cserhati, C., Lytvyn, P.M., Beke, D.L., Kőkényesi, S.	Electron-beam induced variation of surface profile in amorphous As₂₀Se₈₀ films (2014) Journal of Applied Physics, 115 (18), статья № 183512,	

293.	Minaev, B.F., Shafranyosh, M.I., Svida, Y., Sukhoviya, M.I., <u>Shafranyosh, I.I.</u> , Baryshnikov, G.V., Minaeva, V.A.	Fragmentation of the adenine and guanine molecules induced by electron collisions (2014) Journal of Chemical Physics, 140 (17), статья № 175101.	
294.	<u>Grabar, A.</u> , Mathey, P., Gadret, G.	Manipulation of fast light using photorefractive beam fanning (2014) Journal of the Optical Society of America B: Optical Physics, 31 (5), pp. 980-986.	
295.	Samulionis, V., Banys, J., Macutkevicius, J., <u>Vysochanskii, Y.</u>	Ultrasonic behavior near phase transitions in (Pb_{1-x}Sn_x)₂P₂S₆ ferroelectric materials (2014) Ferroelectrics, 462 (1), pp. 87-96.	
296.	Vysochanskii, Y., Medulych, M., Molnar, A., Glukhov, K., Dziaugys, A., Banys, J., Yevych, R., Maior, M.	Chemical bonding and polarons in Sn₂P₂S₆(Se)₆ ferroelectrics (2014) Ferroelectrics, 462 (1), pp. 117-128.	
297.	Himics, L., Tóth, S., Veres, M., Balogh, Z., Koós, M.	Creation of deep blue light emitting nitrogen-vacancy center in nanosized diamond (2014) Applied Physics Letters, 104 (9), статья № 093101.	
298.	Paley, O.	Cetylpyridinium chloride (2014) Synlett, 25 (4), статья № ST-2013-V0467-V, pp. 599-600.	
299.	<u>Studeniyak, I.P.</u> , Neimet, Y.Y., Kranjčec, M., Solomon, A.M., Orliukas, A.F., Kežionis, A., Kazakevičius, E., Šalkus, T.	Electrical conductivity studies in (Ag₃AsS₃)_x(As₂S₃)_{1-x} superionic glasses and composites (2014) Journal of Applied Physics, 115 (3), статья № 033702	
300.	<u>Shuaibov, A.K.</u> , Minya, A.I., Gritsak, R.V., Gomoki, Z.T.	Emission characteristics of pulse-periodic barrier-discharge plasma in a mixture of krypton with argon and liquid freon vapor (2014) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 116 (2), pp. 212-215.	
301.	D'Antuono, L.F., Fedosova, K., Mudryk, M., Boyko, N., Kolesnov, A., Jorjadze, M., Bignami, C.	Cornelian cherry: An important local resource and promising health promoting fruit plant of the black sea area (2014) Acta Horticulturae, 1017, pp. 299-306.	
302.	Lompay, R.R.	On the energy-momentum and spin tensors in the Riemann-Cartan space (2014) General Relativity and Gravitation, 46 (4), pp. 1-23.	
303.	Peresh, E.Yu., Sidei, V.I., Gaborets, N.I., Zubaka, O.V., Stercho, I.P., <u>Barchii, I.E.</u>	Influence of the average atomic number of the A₂TeC₆ and A₃B₂C₉ (A = K, Rb, Cs, Tl(I); B = Sb, Bi; C = Br, I) compounds on their melting point and band gap (2014) Inorganic Materials, 50 (1), pp. 101-106.	
304.	<u>Cherleniak, I.</u>	Competitiveness, competition, market: Macrosystem aspects (2014) Economic Annals-XXI, 7-8, pp. 28-31	
305.	<u>Sidey, V.</u>	Universal 'bond valence versus bond length' correlation curve for manganese-oxygen bonds (2014) Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 70 (3), pp. 608-611.	

306.	Kamenshchikov, V.N., Suslikov, L.M.	Calculation of the optical properties of PbGa₂S₄crystal (2014) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 116 (4), pp. 564-566.	
307.	<u>Bletskan, D.I.</u> , Vakulchak, V.V., Glukhov, K.E.	Electronic structure of low-pressure and high-pressure phases of silicon disulfide (2014) Applied Physics A: Materials Science and Processing, 117 (3), pp. 1499-1514.	
308.	<u>Rusyn, V.I.</u> , Popovych, Y.M., <u>Korsak, V.V.</u> , <u>Rusyn, V.V.</u>	The place of hybrid surgery in treatment of critical lower limb ischemia (2014) Novosti Khirurgii, 22 (2), pp. 244-251.	
309.	<u>Shuaibov, A.K.</u> , Chuchman, M.P., <u>Mesarosh, L.V.</u>	Characteristics of a glow discharge in atmospheric pressure air over the water surface (2014) Technical Physics, 59 (6), pp. 847-851.	
310.	<u>Danilets, Ju.V.</u>	To history of orthodoxy in Ugrian Rus on the eve of the WWI (on materials of american newspaper «svet») (2014) Rusin, 37 (3), pp. 9-21.	
311.	Mytropolsky, I.E., <u>Kuzma, V.V.</u> , Drobnych, V.G., <u>Pop, S.S.</u>	Promising optical methods for determining the content of heavy metals in soils and surface waters (2014) Ukrainian Journal of Physics, 59 (2), pp. 107-115.	
312.	<u>Bletskan, M.M.</u> , <u>Bletskan, D.I.</u>	Electronic structure of Sn₂S₃compound with the mixed valency of tin (2014) Journal of Optoelectronics and Advanced Materials, 16 (5-6), pp. 659-664.	
313.	<u>Shuaibov, A.K.</u> , Minya, A.I., Gomoki, Z.T., Kozak, Ya.Yu.	Radiative characteristics of a nanosecond discharge in water with aluminum based electrodes (2014) High Temperature, 52 (3), pp. 453-456.	
314.	<u>Shuaibov, A.K.</u> , Laslov, G.E., Kozak, Y.Y.	Emission characteristics of the cathode region of nanosecond discharge in atmospheric-pressure air (2014) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 116 (4), pp. 552-556.	
315.	<u>Bilanych, R.M.</u> , Yevych, R.M., <u>Kohutych, A.A.</u> , <u>Perechinskii, S.I.</u> , <u>Stoika, I.M.</u> , <u>Vysochanskii, Y.M.</u>	Elastic properties of (Pb_ySn_{1-y})₂P₂S₆solid solutions (2014) Central European Journal of Physics, 12 (9), pp. 611-614.	
316.	Chuchman, M.P., Laslov, G.E., <u>Shuaibov, A.K.</u>	Radiation dynamics of low-energy laser plasma of CuSbSe₂ polycrystalline (2014) High Temperature, 52 (4), pp. 497-500.	
317.	<u>Danilets, Ju.V.</u>	Newspapers «delo» and «delo and New Slovo» as a source of history trial in Marmarosh-Sigot years 1913-1914 (2014) Rusin, 36 (2), pp. 249-269.	
318.	<u>Shuaibov, A.K.</u> , Minya, A.I., Gritsak, R.V., Gomoki, Z.T.	Short-wavelength nanosecond-barrier-discharge-pumped emitter operating on lines of argon chloride (175 nm) and chlorine (258 nm) molecules (2014) Technical Physics, 59 (1), pp. 152-154.	

319.	Bercha, S.A., Rizak, V.M.	Similarities and differences in the construction of dispersion laws for charge carriers in semiconductor crystals and adiabatic potentials in molecules (2014) Condensed Matter Physics, 17 (2), статья № 23701.	
320.	Bilanych, V.S., Buchuk, R.Y., Petrachenkov, A.E., Skubenych, K.V., Studenyak, I.P.	Internal friction in Cu ₆ PS ₅ Br superionic crystals and related composites (2014) Physics of the Solid State, 56 (4), pp. 739-745.	
321.	Shuaibov, A.K., Shevera, I.V., Kozak, Y.Y., Kentesh, G.V.	Characteristics of a nanosecond discharge in atmospheric air with a liquid electrolytic electrode (2014) Technical Physics, 59 (6), pp. 928-931.	
322.	<u>Gasuda, M.</u>	The environmental management theories evolution and their role in the system of renewable natural resources usage (2014) Economic Annals-XXI, 9-10, pp. 57-60.	
323.	<u>Shuaibov, A.K.</u> , Laslov, G.E., Minya, A.I., Gomoki, Z.T.	Characteristics and parameters of nanosecond air discharge plasma between chalcopyrite electrodes (2014) Technical Physics Letters, 40 (11), pp. 943-945.	
324.	Roman, L., Chundak, S.	Synthesis, structure, and characteristic of Zn(II) and Cd(II) coordination compounds with 3-methoxybenzene acid hydrazide and their biological activity (2014) Chemistry and Chemical Technology, 8 (2), pp. 123-128.	
325.	<u>Derbak, M.</u> , <u>Boldizhar, P.</u>	Correction of dyslipidemia in patients with chronic hepatitis C, combined with diabetes type 2 (2014) Georgian medical news, (226), pp. 25-31.	
326.	<u>Shpenyk, T.K.</u>	Application of the method of expert evaluation in rural green tourism: Practical aspect (2014) Actual Problems of Economics, 158 (8), pp. 521-527.	
327.	Bondarenko, V.M., Tylyshchak, A.A., Stoika, M.V.	On the equivalence of matrices over commutative rings modulo ideals (2014) Algebra and Discrete Mathematics, 17 (1), pp. 12-19.	
328.	Bilanych, V., Komanicky, V., Feher, A., Kuzma, V., Rizak, V.	Electron-beam induced surface relief shape inversion in amorphous Ge ₄ As ₄ Se ₉₂ thin films (2014) Thin Solid Films, 571 (P1), pp. 175-179.	
329.	Lompay, R.R., Petrov, A.N.	Covariant differential identities and conservation laws in metric-torsion theories of gravitation (2014) Ukrainian Journal of Physics, 59 (7), pp. 663-676.	
330.	Rontó, M., <u>Varha, Y.</u>	Constructive existence analysis of solutions of non-linear integral boundary value problems (2014) Miskolc Mathematical Notes, 15 (2), pp. 725-742.	
331.	Kharkhalis, L.Y., Glukhov, K.E., Sznajder, M.	Peculiarities of chemical bonding in crystals of the in-Se system	

		(2014) Acta Physica Polonica A, 126 (5), pp. 1146-1148.	
332.	<u>Devinyak, O.</u> , Havrylyuk, D., Lesyk, R.	3D-MoRSE descriptors explained (2014) Journal of Molecular Graphics and Modelling, 54, pp. 194-203.	
333.	<u>Babich, M.D.</u> , <u>Getsko, A.M.</u>	Estimating the characteristics of the accuracy and computational complexity in approximate methods of global optimization of nonlinear functionals (2014) Cybernetics and Systems Analysis, 50 (1), pp. 90-97.	
334.	Bercha, D.M., Bercha, S.A., Glukhov, K.E., Sznajder, M.	Electron-phonon interaction as a mechanism of phase transition in the CuInP2 S6 crystal (2014) Acta Physica Polonica A, 126 (5), pp. 1143-1145.	
335.	Martynyuk-Lototska, I., Mys, O., Zapeka, B., Kostyrko, M., Grabar, A., Vlokh, R.	Acoustic and elastic anisotropy of acousto-optic Pb<math>2</math>P<math>2</math>&lt;/math>Se<math>6</math> crystals (2014) Applied Optics, (10), pp. B103-B109.	
336.	Zhukov, S.A., Fedurtsia, V.P., Gromova, Y.A.	Optimization of marketing price policy of industrial enterprises (2014) Actual Problems of Economics, 156 (6), pp. 213-219.	
337.	Devinyak, O., Havrylyuk, D., Zimenkovsky, B., Lesyk, R.	Computational search for possible mechanisms of 4-thiazolidinones anticancer activity: The power of visualization (2014) Molecular Informatics, 33 (3), pp. 216-229.	
338.	Liu, Y., Lai, P., Ma, C., Xu, X., Suzuki, Y., Grabar, A.A., Wang, L.V.	High-speed time-reversed ultrasonically encoded (TRUE) optical focusing inside dynamic scattering media at 793 nm (2014) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 8943, статья № 894339.	
339.	Kormosh, Z.A., Matviichuk, O.Y., Bazel', Y.R.	Extraction-spectrophotometric determination of mefenamic acid in pharmaceutical preparations (2014) Journal of Analytical Chemistry, 69 (10), pp. 960-964.	
340.	General, A.A., Shuaibov, A.K., Kel'man, V.A., Zhmenyak, Y.V.	Emission characteristics of gas-discharge ethanol-vapor plasma (2014) Technical Physics Letters, 40 (6), pp. 482-484.	
341.	Coman, M.M., Verdenelli, M.C., Cecchini, C., Silvi, S., Orpianesi, C., Boyko, N., Cresci, A.	In vitro evaluation of antimicrobial activity of Lactobacillus rhamnosus IMC 501®, Lactobacillus paracasei IMC 502® and SYN BIO® against pathogens (2014) Journal of Applied Microbiology, 117 (2), pp. 518-527.	
342.	Studenyak, I.P., Neimet, Yu.Yu., Rati, Y.Y., Stanko, D., Kranjčec, M., Kökényesi, S., Daróci, L., Bohdan, R.	Structural and optical properties of annealed and illuminated (Ag3AsS3)0.6(As2S3)0.4 thin films (2014) Optical Materials, 37 (C), pp. 718-723.	
343.	Bazel, Ya.R., Antal, I.P., Lavra, V.M., Kormosh, Zh.A.	Methods for the determination of anionic surfactants (2014) Journal of Analytical Chemistry, 69 (3), pp. 211-236.	

344.	Levko, D., <u>Shuaibov, A.</u> , Shevera, I., Gritzak, R., Tsymbaliuk, A.	Use of a low pressure helium/water vapor discharge as a mercury-free source of ultraviolet emission (2014) Journal of Applied Physics, 116 (11), статья № 113303.	
345.	Dmitruk, N.L., Romanyuk, V.R., Taborskaya, M.I., Charnovych, S., Kokenyesi, S., Yurkovich, N.V.	Interaction of surface plasmons with interference modes in thin-film nanostructures (2014) JETP Letters, 99 (3), pp. 129-132.	
346.	Golden, E.M., Basun, S.A., Grabar, A.A., Stoika, I.M., Giles, N.C., Evans, D.R., Halliburton, L.E.	Sulfur vacancies in photorefractive Sn₂P₂S₆ crystals (2014) Journal of Applied Physics, 116 (24), статья № 244107.	
347.	<u>Mitsa, V.</u> , <u>Holomb, R.</u> , Lovas, G., Veres, M., Ivanda, M., <u>Kovach, T.</u>	Spectroscopic evidence of coexistence of clusters based on low (α) and high temperature (β) GeS₂ crystalline phases in glassy germanium disulfide matrix (2014) 2014 37th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2014 - Proceedings, статья № 6859522, pp. 7-10.	
348.	Rontó, A., Rontó, M., Shchobak, N.	Notes on interval halving procedure for periodic and two-point problems (2014) Tijdschrift voor Urologie, 2014 (1), pp. 1-20.	
349.	Tomašovičová, N., Haysak, I., Kováč, J., Kubovčíková, M., Závišová, V., Timko, M., Okunev, A., Zorkovská, A., Kopčanský, P.	Radiation stability of the BSA modified biocompatible magnetic fluid (2014) Acta Physica Polonica A, 126 (1), pp. 262-263.	
350.	Guranich, P.P., <u>Rosul, R.R.</u> , Gomonnai, O.O., <u>Slivka, A.G.</u> , Roman, I.Y., Gomonnai, A.V.	Ferroelasticity of TlInS₂ crystal (2014) Solid State Communications, 184, pp. 21-24.	
351.	<u>Bilanych, V.S.</u> , Lofaj, F., Flachbart, K., Csach, K., Kuz'ma, V.V., <u>Rizak, V.M.</u>	Nanoindentation of amorphous Ge-As-Se films (2014) Physics of the Solid State, 56 (6), pp. 1163-1167.	
352.	Filep, M.Y., Sabov, M.Yu., <u>Barchii, I.E.</u> , Solomon, A.M.	Interaction in the Tl₂S-SnS-PbS quaternary system (2014) Russian Journal of Inorganic Chemistry, 59 (9), pp. 1026-1029.	
353.	Danilyuk, P.S., Popovich, K.P., Puga, P.P., <u>Gomonai, A.I.</u> , Primak, N.V., Krasilnits, V.N., Turok, I.I., Puga, G.D., <u>Rizak, V.M.</u>	Optical absorption spectra and energy levels of Er³⁺ ions in glassy lithium tetraborate matrix (2014) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 117 (5), pp. 759-763.	
354.	Rontó, A., Rontó, M., Shchobak, N.	Notes on interval halving procedure for periodic and two-point problems (2014) Boundary Value Problems, 2014 (1), статья № 164.	
355.	Shumelyuk, A., Volkov, A., Odoulov, S., Grabar, A., Stoyka, I., Evans, D.R.	Optimizing nonlinear beam coupling in low-symmetry crystals (2014) Optics Express, 22 (20), pp. 24763-24775.	
356.	Plucinski, K.J., Sabov, M., Fedorchuk, A.O., Barchiy, I., Lakshminarayana, G., Filep, M.	UV laser induced second order optical effects in the Tl₄PbTe₃, Tl₄SnSe₃ and Tl₄PbSe₃ single crystals (2014) Optical and Quantum Electronics, 47 (2), pp. 185-192.	

357.	Reshak, A.H., Plucinski, K., Filep, M.J., Sabov, M.Y., Barchij, I., Fedorchuk, A.O., Kowar-Pokladko, M., Alahmed, Z.A., Kamarudin, H.	Photoinduced deformation in the Tl4SnSe3 single crystals (2014) International Journal of Electrochemical Science, 9 (11), pp. 6068-6073.	
358.	Trunov, M.L., Lytvyn, P.M., Nagy, P.M., Csik, A., Rubish, V.M., Kökényesi, S.	Light-induced mass transport in amorphous chalcogenides: Toward surface plasmon-assisted nanolithography and near-field nanoimaging (2014) Physica Status Solidi (B) Basic Research, 251 (7), pp. 1354-1362.	
359.	Fekete, K., Szatmári, S., Szocs, I., Szekeres, C., Szász, J., Mihálka, L., Smolanka, V., Kardos, L., Csiba, L., Bereczki, D.	Prestroke alcohol consumption and smoking are not associated with stroke severity, disability at discharge, and case fatality (2014) Journal of Stroke and Cerebrovascular Diseases, 23 (1), pp. e31-e37.	
360.	Majorošová, J., Tomašovičová, N., Timko, M., Koneracká, M., Studenyak, I.P., Kovalchuk, O.V., Kovalchuk, S.O., Jadžyn, J., Kopčanský, P.	Sensitivity of 6CHBT liquid crystal doped with ferroelectric or magnetic particles to electric and magnetic fields (2014) Acta Physica Polonica A, 126 (1), pp. 260-261.	
361.	Peeters, M., Price, T.J., Cervantes, A., Sobrero, A.F., Ducreux, M., Hotko, Y., André, T., Chan, E., Lordick, F., Punt, C.J.A., Strickland, A.H., Wilson, G., Ciuleanu, T.E., Roman, L., van Cutsem, E., Tian, Y., Sidhu, R.	Final results from a randomized phase 3 study of FOLFIRI ± panitumumab for second-line treatment of metastatic colorectal cancer (2014) Annals of Oncology, 25 (1), статья № mdt523, pp. 107-116.	
362.	Jeong, M., Lim, Y.S., Seo, W.-S., Lee, J.-H., Park, C.-H., Sznajder, M., Kharkhalis, L.Y., Bercha, D.M., Yang, J.	Condensation-related thermoelectric properties and formation of coherent nano-inclusions in Te-substituted In4Se3 compounds (2013) Journal of Materials Chemistry A, 1 (48), pp. 15342-15347	
363.	Kozachenko, Yu.V., Mlavets', Yu.Yu.	The Banach spaces $F\psi(\Omega)$ of random variables (2013) Theory of Probability and Mathematical Statistics, 86, pp. 105-121.	
364.	Charnovych, S., Dmitruk, N., Yurkovich, N., Shplyak, M., Kokenyesi, S.	Photo-induced changes in a-AS2S3/gold nanoparticle composite layer structures (2013) Thin Solid Films, 548, pp. 419-424.	
365.	Bondar', I.I., Suran, V.V.	Realization of two-electron mechanism of two charged ions creation upon multiphoton ionization of barium atoms by infrared laser radiation (2013) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, статья № 6657563, pp. 158-159.	
366.	<u>Hotko, Y.S.</u>	Male breast cancer: Clinical presentation, diagnosis, treatment (2013) Experimental Oncology, 35 (4), pp. 303-310.	
367.	<u>Marynets, V.V., Marynets, K.V.</u>	On Goursat-Darboux boundary-value problem for systems of non-linear differential equations of hyperbolic type (2013) Miskolc Mathematical Notes, 14 (3), pp. 1009-1020.	
368.	<u>Tsyhyka, D.Y., Hotko, Y.S., Devinyak, O.T.</u>	Receptor status of tumor as prognostic factor in patients with bilateral breast cancer	

		(2013) Experimental Oncology, 35 (4), pp. 291-294.	
369.	Mytropolsky, I.E., <u>Kuzma, V.V.</u> , Drobnych, V.G.	Analytical capabilities of Ion-Photon spectroscopy for ecological monitoring (2013) Journal of Nano- and Electronic Physics, 5 (3), статья № 03051.	
370.	Malinina, A.A., Malinin, A.N.	Optical characteristics and parameters of gas-discharge plasma in a mixture of mercury dibromide vapor with neon (2013) Plasma Physics Reports, 39 (12), pp. 1035-1042.	
371.	Rusin, V.I., Korsak, V.V., Boldizhar, P.A., Nosenko, A.A.	Treatment of patients with diabetic foot syndrome by <i>Lucilia sericata</i> larvae (2013) Novosti Khirurgii, 21 (6), pp. 57-67.	
372.	Kolesnyk, P., Švab, I.	Development of family medicine in Ukraine (2013) European Journal of General Practice, 19 (4), pp. 261-265.	
373.	Bondarenko, V.M., Bortos, M.Y., Dinis, R.F., Tylyshchak, A.A.	Reducibility and irreducibility of monomial matrices over commutative rings (2013) Algebra and Discrete Mathematics, 16 (2), pp. 171-187.	
374.	Chobal, O., Rizak, I., Ilkovič, S., Reiffers, M., Šebeň, V., Baláž, P., Timko, M., Rizak, V.	Effect of high-energy ball milling on the phase transition of Sn₂P₂S₆ ferroelectric crystals (2013) Solid State Sciences, 26, pp. 105-109.	
375.	Shuaibov, A.K., Chuchman, M.P., Mesarosh, L.V., Grabovaya, I.A.	A source of noncarcinogenic ultraviolet radiation with glow-discharge pumping in a metal needle-water surface electrode system (2013) Instruments and Experimental Techniques, 56 (6), pp. 726-730.	
376.	<u>Sidey, V.</u>	Bond valence parameters for Mn^m-O (5 ≤ m ≤ 7) bonds (2013) Zeitschrift für Kristallographie, 288 (11), pp. 570-575.	
377.	<u>Fizer, M.M.</u> , <u>Slivka, M.V.</u> , <u>Lendel, V.G.</u>	New method of synthesis of 3,5,6,7-tetrahydro-[1,2,4]triazolo[1,5-a]pyrimidine-2(1H)-thione (2013) Chemistry of Heterocyclic Compounds, 49 (8), pp. 1243-1245.	
378.	Belyukh, V.M., Danylyuk, A.D., Glukhov, K.E., Stakhira, I.M.	Optical properties and band structure of a layered TI₂S crystal (2013) Physics of the Solid State, 55 (11), pp. 2317-2323.	
379.	Woodcock, M.E., Hollands, W.J., Konic-Ristic, A., Glibetic, M., Boyko, N., Koçoğlu, B., Kroon, P.A.	Bioactive-rich extracts of persimmon, but not nettle, Sideritis, dill or kale, increase eNOS activation and NO bioavailability and decrease endothelin-1 secretion by human vascular endothelial cells (2013) Journal of the Science of Food and Agriculture, 93 (14), pp. 3574-3580.	
380.	Hollands, W.J., Saha, S., Hayran, O., Boyko, N., Glibetic, M., Konic-Ristic, A., Jorjadze, M., Kroon, P.A.	Lack of effect of bioactive-rich extracts of pomegranate, persimmon, nettle, dill, kale and Sideritis and isolated bioactives on platelet function (2013) Journal of the Science of Food and Agriculture, 93 (14), pp. 3588-3594.	
381.	Konić-Ristić, A., Srdić-Rajić, T., Kardum, N., Aleksić-Veličković, V., Kroon, P.A., Hollands, W.J.,	Effects of bioactive-rich extracts of pomegranate, persimmon, nettle, dill, kale and Sideritis and	

	Needs, P.W., Boyko, N., Hayran, O., Jorjadze, M., Glibetić, M.	isolated bioactives on arachidonic acid induced markers of platelet activation and aggregation (2013) Journal of the Science of Food and Agriculture, 93 (14), pp. 3581-3587.	
382.	Albuquerque, T.G., Costa, H.S., Sanches-Silva, A., Santos, M., Trichopoulou, A., D'Antuono, F., Alexieva, I., Boyko, N., Costea, C., Fedosova, K., Karpenko, D., Kilasonia, Z., Koçaoglu, B., Finglas, P.	Traditional foods from the Black Sea region as a potential source of minerals (2013) Journal of the Science of Food and Agriculture, 93 (14), pp. 3535-3544.	
383.	Costa, H.S., Albuquerque, T.G., Sanches-Silva, A., Vasilopoulou, E., Trichopoulou, A., D'Antuono, L.F., Alexieva, I., Boyko, N., Costea, C., Fedosova, K., Hayran, O., Karpenko, D., Kilasonia, Z., Finglas, P.	New nutritional composition data on selected traditional foods consumed in black sea area countries (2013) Journal of the Science of Food and Agriculture, 93 (14), pp. 3524-3534.	
384.	Sanches-Silva, A., Albuquerque, T.G., Finglas, P., Ribeiro, T., Valente, A., Vasilopoulou, E., Trichopoulou, A., Alexieva, I., Boyko, N., Costea, C.-E., Hayran, O., Jorjadze, M., Kaprelyants, L., Karpenko, D., Filippo D'Antuono, L., Costa, H.S.	Carotenoids, vitamins (A, B2, C and E) and total folate of traditional foods from black sea area countries (2013) Journal of the Science of Food and Agriculture, 93 (14), pp. 3545-3557	
385.	Dilis, V., Vasilopoulou, E., Alexieva, I., Boyko, N., Bondrea, A., Fedosov, S., Hayran, O., Jorjadze, M., Karpenko, D., Costa, H.S., Finglas, P., Trichopoulou, A.	Definition and documentation of traditional foods of the black sea area countries: Potential nutrition claims (2013) Journal of the Science of Food and Agriculture, 93 (14), pp. 3473-3477.	
386.	Mitsa, V., Ivanda, M., Gamulin, O., Holomb, R., Kondrat, O., Popovych, N., Lovas, G., Petreckiy, S., Tsud, N., Matolin, V., Prince, K.C.	Luminescence, Raman and synchrotron XPS study of amorphous Ge2S3based films (2013) 2013 36th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2013 - Proceedings, статья № 6596219, pp. 28-33.	
387.	Bletskan, M.M., Grabar, A.A.	The comparative study of the photoelectric properties of crystalline and glassy SnGeS3 (2013) Inorganic Materials, 49 (11), pp. 1071-1077.	
388.	Lompay, R.R., Petrov, A.N.	Covariant differential identities and conservation laws in metric-torsion theories of gravitation. II. Manifestly generally covariant theories (2013) Journal of Mathematical Physics, 54 (10), статья № 102504.	
389.	Šalkus, T., Galeckas, V., Badot, J.C., Makauz, I.I., Studenyak, I.P., Selskis, A., Kežionis, A., Banys, J.	Impedance spectroscopy study of Cu6PS5I-As2S3nanocomposites (2013) Ionics, 19 (10), pp. 1387-1391.	
390.	Azhniuk, Y.M., Gomonnai, A.V., Rubish, V.M., Rigan, M.Y., Solomon, A.M., Gomonnai, O.O., Guranich, O.G., Petryshynets, I., Zahn, D.R.T.	In situ Raman observation of laser-induced formation of TlInSe2crystallites in Tl-In-As-Se glass (2013) Journal of Physics and Chemistry of Solids, 74 (10), pp. 1452-1458.	
391.	Malinina, A.A., Malinin, A.N., Shuaibov, A.K.	Optical characteristics of a HgBr excilamp (2013) Quantum Electronics, 43 (8), pp. 757-761.	
392.	Levko, D., Shuaibov, A., Minya, A., Gritzak, R., Gomoki, Z.	Physical processes in barrier discharge lamp working in He/D2O mixture	

		(2013) Gaodiyana Jishu/High Voltage Engineering, 39 (9), pp. 2193-2200.	
393.	<u>Fizer, M.</u>	<u>Methallyl isothiocyanate</u> (2013) Synlett, 24 (15), статья № ST-2013-V0452-V, pp. 2019-2020.	
394.	Stroblia, A.L., Fira, L.S., Iikhatskiy, P.G., Pyda, V.P., Vashkeba, E.M., Medvid, I.I.	<u>Studying of hepatoprotective properties of dry extract from apricot leaves on the model of liver lesion by tetrachloromethane</u> (2013) Vestnik Rossiiskoi Akademii Meditsinskikh Nauk, (3), pp. 68-72.	
395.	Tsykun, T., Daniel Rigling, Prospero, S.	<u>A new multilocus approach for a reliable DNA-based identification of armillaria species</u> (2013) Mycologia, 105 (4), pp. 1059-1076.	
396.	<u>Bondar, I.I., Suran, V.V., Bondar, D.I.</u>	<u>Multiphoton-double-ionization probability linearly depends on laser intensity: Experimental studies of barium</u> (2013) Physical Review A - Atomic, Molecular, and Optical Physics, 88 (2), статья № 023407	
397.	<u>Rusyn, A.V., Ignat, A.V., Rusyn, V.I., Chobey, S.M., Rummyantsev, K.Y., Devinyak, O.T.</u>	<u>Rectal cancer - Estimation of the quality of life in patients after radical surgery</u> (2013) Novosti Khirurgii, 21 (4), pp. 84-89.	
398.	<u>Rusyn, V.I., Popovych, Y.M., Korsak, V.V., Boldizhar, P.O., Nebylytsin, Y.S.</u>	<u>Surgical prevention of pulmonary embolism at the deep venous thrombosis of tibioptileal segment</u> (2013) Novosti Khirurgii, 21 (4), pp. 118-124.	
399.	Sheremet, N., Kurioz, Y., Slyusarenko, K., Trunov, M., Reznikov, Y.	<u>Recording of polarization holograms in a liquid crystal cell with a photosensitive chalcogenide orientation layer [Invited]</u> (2013) Applied Optics, 52 (22), pp. E40-E46	
400.	Lim, Y.S., Jeong, M., Seo, W.-S., Lee, J.-H., Park, C.-H., Sznajder, M., Kharkhalis, L.Y., Bercha, D.M., Yang, J.	<u>Condenson state and its effects on thermoelectric properties in In4Se3</u> (2013) Journal of Physics D: Applied Physics, 46 (27), статья № 275304.	
401.	Kablak, N.I.	<u>Procedure for determining tropospheric delays in the ZAKPOS/UA-EUPOS network of active reference stations</u> (2013) Kinematics and Physics of Celestial Bodies, 29 (4), pp. 202-206.	Scopus
402.	Malakhovskay-Rosokha, T.A., Filep, M.J., Sabov, M.Yu., Barchiy, I.E., Fedorchuk, A.O., Plucinski, K.J.	<u>IR operation by third harmonic generation of Tl4PbTe3 and Tl4SnS3 single crystals</u> (2013) Journal of Materials Science: Materials in Electronics, 24 (7), pp. 2410-2413.	Scopus
403.	Antal, I.P., Bazel, Y.R., Kormosh, Z.A.	<u>Electrochemical methods for determining group B vitamins</u> (2013) Journal of Analytical Chemistry, 68 (7), pp. 565-576.	Scopus
404.	Holomb, R., Mitsa, V., Akyuz, S., Akalin, E.	<u>New ring-like models and ab initio DFT study of the medium-range structures, energy and electronic properties of GeSe2 glass</u> (2013) Philosophical Magazine, 93 (19), pp. 2549-2562	Scopus
405.	Trunov, M.L., Cserhádi, C., Lytvyn, P.M., Kaganovskii, Yu., Kökényesi, S.	<u>Electron beam-induced mass transport in As-Se thin films: Compositional dependence and glass network topological effects</u>	Scopus

		(2013) Journal of Physics D: Applied Physics, 46 (24), с т а т ь я No.245303	
406.	Shuaibov, A.K., Minya, A.I., Gomoki, Z.T., Gritsak, R.V.	Optical characteristics of an electric-discharge source of ultraviolet radiation based on a mixture of argon with heavy water (D2O) vapor (2013) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 114 (2), pp. 193-196.	Scopus
407.	Shuaibov, A.K., Gomoki, Z.T., Minya, A.I., Shevera, I.V.	Emission characteristics of an ultraviolet emitter based on mixtures of krypton with low-aggressive halogen carriers pumped by a barrier discharge (2013) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 114 (2), pp. 189-192	Scopus
408.	Lompay, R.R., Petrov, A.N.	Covariant differential identities and conservation laws in metric-torsion theories of gravitation. I. General consideration (2013) Journal of Mathematical Physics, 54 (6), с т а т ь я No.062504	Scopus
409.	Slivka, M., Krivovjaz, A., Slivka, M., Lendel, V.	Stereoselective synthesis of (E)-halomethylidene[1,3]thiazolo[3,2-a]thieno[3,2-e] pyrimidinium and analogous [1,3]oxazolo[3,2-a]thieno[3,2-e]pyrimidinium halides starting from 3-N-substituted 2-propargylthio(oxy)thieno[2,3-d]pyrimidin-4-ones (2013) Heterocyclic Communications, 19 (3), pp. 189-193.	Scopus
410.	Bondar, I.I., Suran, V.V., Bondar, D.I.	Probability of the two-electron mechanism of the formation of doubly charged barium ions as a function of laser radiation intensity (2013) Journal of Experimental and Theoretical Physics, 116 (6), pp. 887-891	Scopus
411.	Berezin, S.S., Berezina, M.V., Zavrazhnov, A.Yu., Kosyakov, A.V., Sergeeva, A.V., Sidei, V.I.	Phase transformations of indium mono- and sesquisulfides studied by a novel static thermal analysis technique (2013) Inorganic Materials, 49 (6), pp. 555-563	Scopus
412.	Svaljavyn, O.V., Onysko, M.Y., Turov, A.V., Vlasenko, Y.G., Lendel, V.G.	Peculiar electrophilic heterocyclization of 5-allyl-6-thioxopyrazolo[3,4-d]pyrimidin-4-one (2013) Chemistry of Heterocyclic Compounds, 49 (3), pp. 491-495.	Scopus
413.	Holomb, R., Mitsa, V., Akalin, E., Akyuz, S., Sichka, M.	Ab initio and Raman study of medium range ordering in GeSe2glass (2013) Journal of Non-Crystalline Solids, 373-374, pp. 51-56.	Scopus
414.	Brant, A.T., Halliburton, L.E., Giles, N.C., Basun, S.A., Grabar, A.A., Evans, D.R.	Intrinsic small polarons (Sn³⁺ions) in photorefractive Sn₂P₂S₆crystals (2013) Journal of Physics Condensed Matter, 25 (20), с т а т ь я No. 205501	Scopus
415.	Malakhovskaya-Rosokha, T.A., Barchii, I.E., Pogodin, A.I., Kokhan, A.P., Stercho, I.P., Peresh, E.Yu.	Interaction of components in the RbI-CsI-CuI quasi-ternary system (2013) Russian Journal of Inorganic Chemistry, 58 (5), pp. 577-580	Scopus

416.	Shuaibov, A.K., Minya, A.I., Gomoki, Z.T., Gritsak, R.V.	Emission characteristics of a barrier discharge in an argon-freon-water vapor mixture in the UV-VUV spectral range (2013) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 114 (5), pp. 674-676.	Scopus
417.	Golub, N.P., Gomonay, V.I., Szekeresh, K.Y.	Influence of the Surface Characteristics of TiP2O7 on Its Catalytic Activity in the Oxidation of Hydrocarbons (2013) Theoretical and Experimental Chemistry, 49 (1), pp. 52-57.	Scopus
418.	Mathey, P., Gadret, G., Grabar, A., Stoika, I., Vysochanskii, Y.	Photorefractive and photochromic effects in Sn2P2S6 at various temperatures (2013) Optics Communications, 300, pp. 90-95	Scopus
419.	Lešková, M., Bazel, Y.R., Torok, M., Studenyak, Y.	Structure and properties of 2-[(E)-2-(4-dipropylaminophenyl)-1-ethenyl]-1, 3,3-trimethyl-3H-indolium chloride (2013) Chemical Papers, 67 (4), pp. 415-422.	Scopus
420.	Ondrejko, P., Guennou, M., Kempa, M., Vysochanskii, Y., Garbarino, G., Hlinka, J.	An x-ray scattering study of Sn2P2S6: Absence of incommensurate phase up to 1 GPa (2013) Journal of Physics Condensed Matter, 25 (11), статья №. 115901	Scopus
421.	Bilanych, V.S., Onyshchak, V.B., Rizak, I.M., Csach, K., Flachbart, K., Rizak, V.M.	Investigation of thermal properties of the Ge-As-Se glasses by differential scanning calorimetry with heat flow harmonic modulation (2013) Journal of Non-Crystalline Solids, 366 (1), pp. 48-53	Scopus
422.	Orliukas, A.F., Kežionis, A., Kazakevičius, E., Šalkus, T., Kayla, M.I., Kranjčec, M., Studenyak, I.P.	Electrical conductivity of superionic composites based on Cu6P1 - XAsxS5I solid solutions (2013) Solid State Ionics, 251, pp. 83-86.	Scopus
423.	Kamenshchikov, V.N., Stefanovich, V.A., Suslikov, L.M.	Birefringence of PbGa2S4 crystals (2013) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 114 (3), pp. 394-396.	Scopus
424.	Shuaibov, A.K., Minya, A.I., Gritsak, R.V., Gomoki, Z.T., Shevera, I.V.	Gas-discharge source of the noncarcinogenic UV radiation based on the mixture of helium and heavy-water (D2O) vapor (2013) Technical Physics, 58 (3), pp. 459-461.	Scopus
425.	Semrad, E.E., Sidei, V.I., Solomon, A.M.	Li2Se-As2Se3 pseudobinary join in the Li-As-Se system and properties of LiAsSe2 (2013) Inorganic Materials, 49 (3), pp. 235-238.	Scopus
426.	Sidey, V.	On the shortest BIII-O bonds (2013) Acta Crystallographica Section B: Structural Science, 69 (1), pp. 86-89.	Scopus
427.	Sidey, V.	On the shortest BIII - O bonds (2013) Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 69 (1), pp. 86-89.	Scopus
428.	Strbac, G., Lukic-Petrovic, S., Strbac, D., Cajko, K., Turyanytsa, I.I.	Influence of the introduction of copper into amorphous As2Se3 matrix on its thermal and structural	Scopus

		characteristics (2013) Acta Physica Polonica A, 123 (2), pp. 256-258	
429.	Lazur, V.Y., Khoma, M.V.	Distorted Wave Theories for One- and Two-Electron Capture in Fast Atomic Collisions (2013) Advances in Quantum Chemistry, 65, pp. 363-405.	Scopus
430.	Ovsyannikov, S.V., Gou, H., Morozova, N.V., Tyagur, I., Tyagur, Y., Shchennikov, V.V.	Raman spectroscopy of ferroelectric Sn ₂ P ₂ S ₆ under high pressure up to 40 GPa: Phase transitions and metallization (2013) Journal of Applied Physics, 113 (1), с т а т ь я №.013511	Scopus
431.	Chuchman, M.P., Mesarosh, L.V., Shuaibov, A.K.	Time dependencies of electron temperature and density in aluminium laser plasma (2013) Journal of Physical Studies, 17 (1), pp. 1-3.	Scopus
432.	Barchii, I.E., Malakhovskaya-Rosokha, T.A., Sabov, M.Y., Filep, M.Y., Peresh, E.Y.	Physicochemical interaction in the TiSe-Tl ₂ SnSe ₃ -Se quasi-ternary system (2013) Russian Journal of Inorganic Chemistry, 58 (1), pp. 88-90.	Scopus
433.	Danilec, Ju.V., Mishchanyn, V.V.	The orthodox church in transcarpathia in the conditions of the establishment of soviet power in 1944-1950 (2013) Rusin, 34 (4), pp. 88-112.	Scopus
434.	Danylec, Ju.V.	Persecution for the faith Ruthenians in Austria-Hungary before world war (100th anniversary of the second marmarosh-sighet trial 1913-1914) (2013) Rusin, 34 (4), pp. 16-31.	Scopus
435.	Mikla, V.I.	Medical Imaging Technology (2013) Medical Imaging Technology, pp. 1-141.	Scopus
436.	Rusin, V.I., Rumjantsev, K.E., Kopolovec, I.I., Kravchuk, I.B.	Immediate treatment results of bleeding from esophageal varices in patients with B-class liver cirrhosis (2013) Novosti Khirurgii, 21 (1), pp. 36-45.	Scopus
437.	Rusyn, V.I., Boldizhar, P.A., Sochka, A.V.	Chromocolonoscopy as a method of endoscopical image improvement (2013) Novosti Khirurgii, 21 (1), pp. 70-77.	Scopus
438.	Petrov, A.N., Lompay, R.R.	Covariantized Noether identities and conservation laws for perturbations in metric theories of gravity (2013) General Relativity and Gravitation, 45 (3), pp. 545-579.	Scopus
439.	Klevets, V.Y., Savchenko, N.D., Shchurova, T.N., Opachko, I.I., Popovic, K.O.	Modelling of periodic heterostructures based on tin and phosphorus chalcogenides (2013) Functional Materials, 20 (1), pp. 97-102	Scopus
440.	Mys, O., Girnyk, I., Grabar, A., Martynyuk-Lototska, I., Kostyrko, M., Vlokh, R.	Thermal expansion of Pb ₂ P ₂ Se ₆ crystals (2013) Ukrainian Journal of Physical Optics, 14 (4), pp. 219-224	Scopus
441.	Mys, O., Martynyuk-Lototska, I., Kostruba, A.M., Grabar, A., Vlokh, R.	On the acoustooptic efficiency of Pb ₂ P ₂ Se ₆ crystals. Acoustic and thermal studies: Errata (2013) Ukrainian Journal of Physical Optics, 14 (4), pp. 210-211.	Scopus

442.	Jenkovszky, L., Sali, A., Turóci, J., Himics, D.	Reggeometry of deeply virtual Compton scattering and exclusive diffractive vector meson production (2013) 4th International Conference on Current Problems in Nuclear Physics and Atomic Energy, NPAE 2012 - Proceedings, (PART 1), pp. 40-44.	Scopus
443.	Charnovych, S., Szabó, I.A., Tóth, A.L., Volk, J., Trunov, M.L., Kökényesi, S.	Plasmon assisted photoinduced surface changes in amorphous chalcogenide layer (2013) Journal of Non-Crystalline Solids, 377, pp. 200-204.	Scopus
444.	Gomonnai, A.V., Petryshynets, I., Azhniuk, Yu.M., Gomonnai, O.O., Roman, I.Yu., Turok, I.I., Solomon, A.M., Rosul, R.R., Zahn, D.R.T.	Growth and characterisation of sulphur-rich $TlIn(S_{1-x}Se_x)_2$ single crystals (2013) Journal of Crystal Growth, 367, pp. 35-41.	Scopus
445.	Bilanych, V.S., Buchuk, R.Y., Skubenykh, K.V., Makauz, I.I., Studenyak, I.P.	Internal friction in silver-containing $(Ag_3AsS_3)_x(As_2S_3)_{100-x}$ superionic glasses (2012) Physics of the Solid State, 54 (12), pp. 2437-2441	Scopus
446.	Krivsky, I., Simulik, V., Zajac, T., Lamer, I.	Derivation of the Dirac and Maxwell equations from the first principles of relativistic canonical quantum mechanics (2012) International Conference on Mathematical Methods in Electromagnetic Theory, ММЕТ, с т а т ь я №. 6331207, pp. 201-204	Scopus
447.	Ondrejko, P., Kempa, M., Vysochanskii, Y., Saint-Grégoire, P., Bourges, P., Rushchanskii, K.Z., Hlinka, J.	Neutron scattering study of ferroelectric $Sn_2P_2S_6$ under pressure (2012) Physical Review B - Condensed Matter and Materials Physics, 86 (22), с т а т ь я №. 224106	Scopus
448.	Shpak, O.I., Pop, M.M., Shpak, I.I., Studenyak, I.P.	Refractometric studies of chalcogenide glasses in Ag-As-S system (2012) Optical Materials, 35 (2), pp. 297-299.	Scopus
449.	Vysochanskii, Yu., Molnar, A., Yevych, R., Glukhov, K., Medulych, M.	Ferroelectricity and polarons in $Sn_2P_2S_6$ crystals (2012) Ferroelectrics, 440 (1), pp. 31-41.	Scopus
450.	Dalekorey, A.V., Ivanitsky, V.P., Kovtunencko, V.S., Meshko, R.O.	Nucleation Processes at Condensation of Amorphous Chalcogenide Semiconductor Films (2012) Journal of Nano- and Electronic Physics, 4 (3), с т а т ь я №. 03011	Scopus
451.	Rontó, M., Marynets, K.	Parametrization for non-linear problems with integral boundary conditions (2012) Electronic Journal of Qualitative Theory of Differential Equations	Scopus
452.	Kiselev, D.A., Rushchanskii, K.Z., Bdikin, I.K., Malinkovich, M.D., Parkhomenko, Y.N., Vysochanskii, Yu.M.	Theoretical prediction and direct observation of metastable non-polar regions in domain structure of $Sn_2P_2S_6$ ferroelectrics with triple-well potential (2012) Ferroelectrics, 438 (1), pp. 55-67.	Scopus
453.	Il'Kovič, S., Reiffers, M., Šebeň, V., Šterbáková, K., Burger, V., Parma, L., Chobal, O., Rizak, I.	Heat capacity and electrical resistance of $(Pb_{1-y}Sn_y)_2P_2S_6$ chalcogenides (2012) Journal of Physics: Conference Series, 400 (PART 3), с т а т ь я №. 032025	Scopus
454.	Shuaibov, A.K., Shchedrin, A.I., Kalyuzhnaya, A.G.	Optical plasma characteristics and kinetics of processes in the longitudinal glow discharge in mixtures	Scopus

		of helium and iodine vapours (2012) Iodine: Characteristics, Sources and Health Implications, pp. 93-108.	
455.	Halasz, J.L., Balázsy, S., Kolesnyk, A., Krausz, E.	The metal uptake of plants on the landfill sites in Bereg county (2012) Studia Universitatis Vasile Goldis Arad, Seria Stiintele Vietii, 22 (2), pp. 217-223.	Scopus
456.	Shafranyosh, I.I., Sukhoviya, M.I.	Inelastic collisions of the uracil molecules with electrons (2012) Journal of Chemical Physics, 137 (18), с т а т ь я No. 184303	Scopus
457.	Bondar, D.I., Cabrera, R., Lompay, R.R., Ivanov, M.Y., Rabitz, H.A.	Operational dynamic modeling transcending quantum and classical mechanics (2012) Physical Review Letters, 109 (19), с т а т ь я No. 190403	Scopus
458.	Rontó, M., Marynets, K.	On the parametrization of boundary-value problems with three-point non-linear restrictions (2012) Miskolc Mathematical Notes, 13 (1), pp. 91-106.	Scopus
459.	Mudryk, M.	Plant-isolated Pantoea agglomerans--new look into potential pathogenicity. (2012) Mikrobiolohichnyi zhurnal (Kiev, Ukraine : 1993), 74 (6), pp. 53-57	Scopus
460.	Dziaugys, A., Banys, J., Vysochanskii, Y.	Conductivity investigations of layered Mn 2P 2S 6 and Cu 0.52Mn 1.74P 2S 6 crystals (2012) Proceedings of 2012 21st IEEE Int. Symp. on Applications of Ferroelectrics held jointly with 11th IEEE European Conference on the Applications of Polar Dielectrics and IEEE PFM, ISAF/ECAPD/PFM 2012, с т а т ь я No. 6297776	Scopus
461.	Kondrat, O., Popovich, N., Holomb, R., Mitsa, V., Lyamayev, V., Tsud, N., Cháb, V., Matolín, V., Prince, K.C.	Synchrotron radiation photoelectron spectroscopy studies of self-organization in As40Se60nanolayers stored under ambient conditions and after laser irradiation (2012) Journal of Non-Crystalline Solids, 358 (21), pp. 2910-2916	Scopus
462.	Cserhati, C., Charnovych, S., Lytvyn, P.M., Trunov, M.L., Beke, D.L., Kaganovskii, Y., Kökényesi, S.	E-beam induced mass transport in amorphous As20Se80films (2012) Materials Letters, 85, pp. 113-116.	Scopus
463.	Brant, A.T., Halliburton, L.E., Basun, S.A., Grabar, A.A., Odoulov, S.G., Shumelyuk, A., Giles, N.C., Evans, D.R.	Photoinduced EPR study of Sb2 + ions in photorefractive Sn 2P 2S 6 crystals (2012) Physical Review B - Condensed Matter and Materials Physics, 86 (13), с т а т ь я No. 134109	Scopus
464.	Kazakevičius, E., Šalkus, T., Kežionis, A., Selskis, A., Selskiene, A., Ponomaryov, V.E., Suslikov, L.M., Studenyak, I.P.	Electrical and dielectrical studies of Cu6PS5I1 - XClxsuperionic composites (2012) Solid State Ionics, 225, pp. 685-689	Scopus
465.	Mashiko, K.S.	Personnel potential of banking system: Specific features and determinants (2012) Actual Problems of Economics, 135 (9), pp. 158-164.	Scopus

466.	Guranich, P.P., Rosul, R.R., Slivka, A.G., Czaplá, Z.	Pressure behaviour of birefringence in [(CH ₃) ₂ CHNH ₃] ₄ Cd ₃ Cl ₁₀ crystal (2012) Solid State Communications, 152 (19), pp. 1821-1823.	Scopus
467.	Puga, P.P., Popovych, K.P., Danilyuk, P.S., Krasylynec, V.N., Puga, G.D., Turok, I.I., Kel'Man, V.A., Chichura, I.I.	X-ray luminescence of polycrystalline TbO ₂ -doped Li ₂ B ₄ O ₇ (2012) Inorganic Materials, 48 (10), pp. 1033-1038	Scopus
468.	Shumelyuk, A., Imlau, M., Dieckmann, V., Badorreck, H., Grabar, A., Odoulov, S.	Self-diffraction from two-photon absorption gratings in Sn ₂ P ₂ S ₆ (2012) Optics Letters, 37 (19), pp. 4065-4067	Scopus
469.	Kondrat, O., Popovich, N., Holomb, R., Mitsa, V., Lyamayev, V., Tsud, N., Cháb, V., Matolín, V., Prince, K.C.	Laser induced changes of As ₅₀ Se ₅₀ nanolayers studied by synchrotron radiation photoelectron spectroscopy (2012) Thin Solid Films, 520 (24), pp. 7224-7229	Scopus
470.	Piryatinskaya, V.G., Kachur, I.S., Slavin, V.V., Yeremenko, A.V., Vysochanskii, Y.M.	Temperature behavior of the fundamental optical absorption band in quasi-two-dimensional crystalline MnPS ₃ (2012) Low Temperature Physics, 38 (9), pp. 870-873.	Scopus
471.	Mys, O., Martynyuk-Lototska, I., Kostruba, A.M., Grabar, A., Vlokh, R.	On the acoustooptic efficiency of Pb ₂ P ₂ Se ₆ crystals. Acoustic and thermal studies (2012) Ukrainian Journal of Physical Optics, 13 (4), pp. 177-182.	Scopus
472.	Shuaibov, A.K., Minya, A.I., Hrytsak, R.V., Gomoki, Z.T., Shevera, I.V.	Repetitively pulsed VUV emitter pumped by a barrier discharge in a mixture of helium with heavy water (D ₂ O) vapour (2012) Quantum Electronics, 42 (8), pp. 747-749	Scopus
473.	Shuaibov, O.K., Chuchman, M.P., Mesarosh, L.V.	Emissive characteristics of laser-produced tin plasma (2012) High Temperature, 50 (5), pp. 579-583.	Scopus
474.	Devinyak, O.T., Slivka, M.V., Slivka, M.V., Vais, V.M., Lendel, V.G.	Quantitative structure-activity relationship study and directed synthesis of Thieno[2,3-d]pyrimidine-2,4-diones as monocarboxylate transporter 1 inhibitors (2012) Medicinal Chemistry Research, 21 (9), pp. 2263-2272.	Scopus
475.	Shuaibov, A.K., Minya, A.I., Gomoki, Z.T., Shevera, I.V., Gritsak, R.V.	Capacitive-discharge VUV lamp based on a water-vapor-argon mixture (2012) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 79 (8), pp. 512-514.	Scopus
476.	Bobyk, M.Y., Ivanytskiy, V.P., Kovtunencko, V.S., Svatyuk, O.Y.	Quantitative detection of the contrast of electron microscopic images of amorphous nanomaterials with the complex chemical composition (2012) Journal of Nano- and Electronic Physics, 4 (2), с т а т ь я №. 02041, pp. 02041-1-02041-5.	Scopus
477.	Zhukov, S.A., Voronych, K.M.	Formation of industrial enterprise competitiveness basing on marketing principles (2012) Actual Problems of Economics, 132 (6), pp. 124-135.	Scopus

478.	Mitsa, V.M., Holomb, R.M., Lovas, G., Ivanda, M., Rudyko, G.Yu., Gule, E.G., Fekeshgazi, I.V.	Room temperature visible luminescence in wide band gap chalcogenide glasses (2012) MIPRO 2012 - 35th International Convention on Information and Communication Technology, Electronics and Microelectronics - Proceedings, с т а т ь я №. 6240605, pp. 21-22.	Scopus
479.	Sukharev, S.N.	Determination of heavy metals in natural water by the sorption-atomic-absorption method (2012) Journal of Water Chemistry and Technology, 34 (4), pp. 190-194.	Scopus
480.	Mikla, V.I., Rusin, V.I., Boldizhar, P.A.	Advances in imaging from the first X-Ray images (2012) Journal of Optoelectronics and Advanced Materials, 14 (7-8), pp. 559-570.	Scopus
481.	Studenyyak, Y., Fershal, M., Kushnir, L., Gomonnai, A.V.	Tetrafluoroborate Selective Electrodes on the Basis of Cations with Delocalized Charge (2012) Electroanalysis, 24 (7), pp. 1621-1629.	Scopus
482.	Montemezzani, G., Aillerie, M., Zheng, X., Remmach, H., Grabar, A.A.	Third column electro-optical coefficients of monoclinic Sn₂P₂S₆ (2012) Optical Materials Express, 2 (7), pp. 920-928	Scopus
483.	Farahi, S., Benoit, E., Grabar, A.A., Huignard, J.-P., Ramaz, F.	Time resolved three-dimensional acousto-optic imaging of thick scattering media (2012) Optics Letters, 37 (13), pp. 2754-2756	Scopus
484.	Studenyyak, I.P., Kranjčec, M., Ponomaryov, V.E., Panko, V.V., Suslikov, L.M.	Influence of anionic substitution on phase transitions in Cu₆PS₅I_{1-x}Cl_x mixed crystals (2012) Phase Transitions, 85 (6), pp. 497-502	Scopus
485.	Bazel, Ya.R., Kulakova, T.A., Studenyyak, Ya.I., Serbin, R., Rednik, S., Andruch, V.	Extraction of platinum with astrafoxin FF from aqueous-organic solutions: Separative extraction-spectrophotometric determination of platinum(II) and platinum(IV) species (2012) Journal of Analytical Chemistry, 67 (6), pp. 519-526.	Scopus
486.	Studenyyak, I.P., Ponomarev, V.E., Kranjčec, M., Izai, V.Y., Suslikov, L.M.	Phase transitions and processes of disordering in crystals of the Cu₆PS₅I_{1-x}Cl_x solid solutions (2012) Physics of the Solid State, 54 (6), pp. 1269-1274.	Scopus
487.	Charnovych, S., Dmitruk, N., Voynarovych, I., Yurkovich, N., Kokenyesi, S.	Plasmon-Assisted Transformations in Metal-Amorphous Chalcogenide Light-Sensitive Nanostructures (2012) Plasmonics, 7 (2), pp. 341-345.	Scopus
488.	Yagotintsev, K.A., Strzhemechny, M.A., Prokhvatilov, A.I., Stetsenko, Y.E., Vysochanskii, Y.M.	Interlayer Mn-Mn exchange parameter in MnPS₃ from x-ray diffraction data (2012) Low Temperature Physics, 38 (5), pp. 383-385.	Scopus
489.	Kovalchuk, A.A.	Organic matter primary production and decomposition by benthic communities of the Uzh River (the Tisa River basin) (2012) Hydrobiological Journal, 48 (2), pp. 3-9.	Scopus
490.	Sidey, V.	Exact solution of the bond-valence sum rule for a set of coordination shells	Scopus

		(2012) Acta Crystallographica Section B: Structural Science, 68 (3), pp. 318-320.	
491.	Pop, M.M., Shpak, I.I.	Optical absorption edge of As40-xSbxS60glassy alloys (2012) Journal of Applied Spectroscopy, 79 (2), pp. 248-253.	Scopus
492.	Tsykun, T., Rigling, D., Nikolaychuk, V., Prospero, S.	Diversity and ecology of Armillaria species in virgin forests in the Ukrainian Carpathians (2012) Mycological Progress, 11 (2), pp. 403-414.	Scopus
493.	Mazur, V.M., Bigan, Z.M., Symochko, D.M., Poltorzhyska, T.V.	Cross-sections of isomeric state excitation of the ^{119}Te and ^{121}Te nuclei in (γ, n) reactions in an energy range of 9-20 MeV (2012) Physics of Particles and Nuclei Letters, 9 (3), pp. 248-252.	Scopus
494.	Yagotintsev, K.A., Strzhemechny, M.A., Prokhvatilov, A.I., Stetsenko, Y.E., Vysochanskii, Y.M.	Interlayer Mn-Mn exchange parameter MnPS 3 from x-ray diffraction data (2012) Fizika Nizkikh Temperatur, 38 (5), pp. 493-495.	Scopus
495.	Tomašovičová, N., Haysak, I., Koneracká, M., Kováč, J., Timko, M., Závěšová, V., Okunev, A., Parlag, A., Fradkin, A., Sakhno, V., Kopčanský, P.	Magnetic properties of biocompatible magnetic fluid after electron irradiation (2012) Acta Physica Polonica A, 121 (5-6), pp. 1302-1304.	Scopus
496.	Moskaliuk, S.S., Moskaliuk, N.M.	Category of vilenkin-kuznetsov-smorodinsky-smirnov trees (2012) Ukrainian Journal of Physics, 57 (4), pp. 426-438.	Scopus
497.	Pop, M.M., Shpak, I.I.	Influence of composition and temperature on the band gap of glassy melts As2S3-Sb2S3 (2012) Glass Physics and Chemistry, 38 (2), pp. 196-200	Scopus
498.	Puga, P.P., Puga, G.D., Popovich, K.P., Kel'Man, V.A., Krasylynec, V.N., Turok, I.I., Prymak, M.V., Danyliuk, P.S.	Optical absorption and X-ray luminescence of glassy lithium tetraborate activated by terbium oxide (2012) Glass Physics and Chemistry, 38 (2), pp. 190-195.	Scopus
499.	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., Virnina, 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.	Scopus
500.	Moskaliuk, S.S., Moskaliuk, N.M.	Noncommutative Einstein spaces and TQFT (2012) Journal of Physics: Conference Series, 343, с т а т ь я №. 012080	Scopus
501.	Guivan, M., Motomura, H., Jinno, M.	Xenon iodide exciplex lamp as an efficient source for the UV surface cleaning and water decontamination (2012) NATO Science for Peace and Security Series A: Chemistry and Biology, pp. 265-278.	Scopus
502.	Jenkovszky, L., Nagy, I.	High-energy diffraction of particles and nuclei	Scopus

		(2012) Problems of Atomic Science and Technology, (1), pp. 147-152.	
503.	Studeniyak, I.P., Ponomaryov, V.E., Kranjčec, M., Minets, Y.V., Suslikov, L.M.	Concentration variations in the optical pseudogap and refractive index of crystals of Cu ₆ PS ₅ I _{1-x} Cl _x solid solutions (2012) Journal of Applied Spectroscopy, 79 (1), pp. 83-86.	Scopus
504.	Gomonnai, O.O., Rosul, R.R., Guranich, P.P., Slivka, A.G., Roman, I.Yu., Rigan, M.Yu.	Optical properties of TlInS ₂ layered crystal under pressure (2012) High Pressure Research, 32 (1), pp. 39-42.	Scopus
505.	Malakhovskaya-Rosokha, T.A., Sabov, M.Yu., Barchy, I.E., Peresh, E.Yu.	Phase equilibria in systems based on Tl ₄ SnSe ₃ and Tl ₄ SnSe ₄ ternary compounds (2012) Russian Journal of Inorganic Chemistry, 57 (3), pp. 439-442.	Scopus
506.	Campone, M., Bondarenko, I., Brincat, S., Hotko, Y., Munster, P.N., Chmielowska, E., Fumoleau, P., Ward, R., Bardy-bouxin, N., Leip, E., Turnbull, K., Zacharchuk, C., Epstein, R.J.	Phase II study of single-agent bosutinib, a src/abl tyrosine kinase inhibitor, in patients with locally advanced or metastatic breast cancer pretreated with chemotherapy (2012) Annals of Oncology, 23 (3), pp. 610-617	Scopus
507.	Gedeon, V., Gedeon, S., Lazur, V., Nagy, E., Zatsarinny, O., Bartschat, K.	Electron scattering from silicon (2012) Physical Review A - Atomic, Molecular, and Optical Physics, 85 (2), с т а т ь я No.022711	Scopus
508.	Chuchman, M.P., Laslov, G.E., Shuaibov, A.K., Shimon, L.L.	Emission characteristics and parameters of CuInSe ₂ laser torch plasma (2012) Ukrainian Journal of Physics, 57 (1), pp. 23-29.	Scopus
509.	Shafranyosh, I.I., Stetsovich, V.V., Chavarga, N.N., Sukhoviya, M.I.	Electron impact excitation of luminescence of uracil (2012) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 112 (2), pp. 155-158.	Scopus
510.	Shuaibov, A.K., Gomoki, Z.T., Minya, A.I., Shevera, I.V., Dzhupina, Y.Y.	Mercury-free emitter pumped by a krypton fluoride molecule pulse-periodic barrier discharge (2012) Technical Physics, 57 (2), pp. 311-313.	Scopus
511.	Studeniyak, I., Neimet, Y., Cserháti, C., Kökényesi, S., Kazakevičius, E., Šalkus, T., Kežionis, A., Orliukas, A.	Structural and electrical investigation of (Ag ₃ AsS ₃) _x (As ₂ S ₃) _{1-x} superionic glasses (2012) Central European Journal of Physics, 10 (1), pp. 206-209.	Scopus
512.	Zavrazhnov, A., Naumov, A., Sidey, V., Pervov, V.	Composition control of low-volatile solids through chemical vapor transport reactions. III. the example of gallium monoselenide: Control of the polytypic structure, non-stoichiometry and properties (2012) Thermochemica Acta, 527, pp. 118-124.	Scopus
513.	Zavrazhnov, A., Naumov, A., Sidey, V., Pervov, V.	Composition control of low-volatile solids through chemical vapor transport reactions. III. the example of gallium monoselenide: Control of the polytypic structure, non-stoichiometry and properties (2012) Thermochemica Acta, 527, pp. 118-124.	Scopus

514.	Mikla, V.I., Mikla, V.V.	Amorphous Chalcogenides (2012) Amorphous Chalcogenides, 172 p.	Scopus
515.	Mischanin, V.	The industrial development of transcarpathia 1944-1950: Transition to a socialist economy (2012) Rusin, 30 (4), pp. 109-130.	Scopus
516.	Shuaibov, A.K., Minya, A.I., Malinin, A.N., Homoki, Z.T., Hrytsak, R.V.	VUV lamp based on mixtures of inert gases with water molecules pumped by a pulsed-periodic capacitive discharge (2012) Journal of Applied Spectroscopy, 78 (6), pp. 867-872.	Scopus
517.	Malinina, A.A., Shimon, L.L.	Optical characteristics and plasma parameters of a blue-green exciplex lamp (2012) Technical Physics, 57 (1), pp. 27-33.	Scopus
518.	Chuchman, M.P., Mesarosh, L.V., Laslov, G.E., Shuaibov, O.K.	Emission characteristics and parameters of tin and CuSbSe₂ laser plumes (2012) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 113 (6), pp. 572-577.	Scopus
519.	Chuchman, M.P., Mesarosh, L.V., Shuaibov, A.K.	Dynamics of low-energy laser-produced tin plasma (2012) Ukrainian Journal of Physics, 57 (12), pp. 1244-1249	Scopus
520.	Glukhov, K., Fedyo, K., Banys, J., Vysochanskii, Y.	Electronic structure and phase transition in ferroelectric Sn₂P₆S₆ crystal (2012) International Journal of Molecular Sciences, 13 (11), pp. 14356-14384.	Scopus
521.	Ronto, M.I., Marynets', K.V.	On the parametrization of boundary-value problems with two-point nonlinear boundary conditions (2012) Nonlinear Oscillations, 14 (3), pp. 379-413.	Scopus
522.	Devinyak, O., Zimenkovsky, B., Lesyk, R.	Biologically active 4-thiazolidinones: A review of QSAR studies and QSAR modeling of antitumor activity (2012) Current Topics in Medicinal Chemistry, 12 (24), с т а т ь я №. A006, pp. 2763-2784	Scopus
523.	Studenyak, I.P., Ponomarev, V.E., Kranjcec, M., Izai, V.Yu., Suslikov, L.M.	Optical absorption and exciton-phonon interaction in solid solutions Cu₆PS₅I-xCl_x (2012) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 112 (1), pp. 101-105.	Scopus
524.	Studenyak, I.P., Kranjčec, M., Izai, V.Y., Chomolyak, A.A., Vorohta, M., Matolin, V., Cserhati, C., Kökényesi, S.	Structural and temperature-related disordering studies of Cu₆PS₅I amorphous thin films (2012) Thin Solid Films, 520 (6), pp. 1729-1733.	Scopus
525.	Bajda, M., Piechal, B., Dybała, F., Bercha, A., Trzeciakowski, W., Majewski, J.A.	Pressure and temperature dependence of gain in InGaAs/GaAs laser diode (2012) Physica Status Solidi (B) Basic Research, 249 (1), pp. 217-221.	Scopus
526.	Boyarchuk, N., Kurioz, Y.U., Slyusarenko, K., Trunov, M., Reznikov, Y.U.	Photoalignment of liquid crystals on chalcogenide glass As₂₀Se₈₀ surface (2012) Ukrainian Journal of Physics, 57 (2), pp. 129-132.	Scopus

527.	Sznajder, M., Lim, Y.S., Glukhov, K.E., Kharkhalis, L. Yu., Bercha, D.M.	Parameters of an unique condensation state in the structure of the In ₄ Se ₃ crystal (2012) Acta Physica Polonica A, 122 (6), pp. 1115-1117.	Scopus
528.	Il'kovič, S., Reiffersn, M., Šebeň, V., Šterbáková, K., Burger, V., Parma, L., Čobal, O., Rizak, I., Rizak, V.	High temperature magnetic and thermal properties of (Pb _y Sn _{1-y}) ₂ P ₂ S ₆ chalcogenides (2012) Acta Physica Polonica A, 122 (1), pp. 12-14.	Scopus
529.	Kaganovskii, Yu., Trunov, M.L., Beke, D.L., Kökényesi, S.	Mechanism of photo induced mass transfer in amorphous chalcogenide films (2012) Materials Letters, 66 (1), pp. 159-161.	Scopus
530.	Budnikov, G.	Morphological variation of specimens and populations of Galanthus nivalis L. in western regions of Ukraine (2011) Thaiszia Journal of Botany, 21 (2), pp. 95-110.	Scopus
531.	Fekeshgazi, I.V., Sidenko, T.S., Mitsa, O.V., Barna, P., Kikineshi, O.E.	Effects of layer nanodefects on the light transmission by optical elements with multilayer interference coatings (2011) Ukrainian Journal of Physics, 56 (11), pp. 1165-1170.	Scopus
532.	Marynets, K.	On the parametrization of nonlinear boundary value problems with nonlinear boundary conditions (2011) Miskolc Mathematical Notes, 12 (2), pp. 209-223.	Scopus
533.	Vysochanskii, Yu., Glukhov, K., Maior, M., Fedyo, K., Kohutyč, A., Betsa, V., Prits, I., Gurzan, M.	Ferroelectric and semiconducting properties of Sn ₂ P ₂ S ₆ crystals with intrinsic vacancies (2011) Ferroelectrics, 418 (1), pp. 124-133.	Scopus
534.	Studenyyak, I.P., Kayla, M.I., Kranjčec, M., Kokhan, O.P., Minets, Y.V.	Isoabsorption and spectrometric studies of optical absorption edge in Cu ₆ As ₅ I superionic crystal (2011) Journal of Physics and Chemistry of Solids, 72 (12), pp. 1419-1422.	Scopus
535.	Dziaugys, A., Banys, J., Samulionis, V., Studenyak, I.	Dielectric investigations of phase transitions in Cu ₆ PS ₅ (I _x ,Br _{1-x}) mixed crystals (2011) Ferroelectrics, 420 (1), pp. 30-36.	Scopus
536.	Mazur, V.M., Symochko, D.M., Bigan, Z.M., Poltorznyiyska, T.V.	Excitation of the isomeric state 11/2- of ¹²³ Te isotope in (γ, n) reaction (2011) Journal of Physical Studies, 15 (4)	Scopus
537.	Samulionis, V., Banys, J., Dziaugys, A., Gurzan, M.I., Pritz, I.P., Vysochanskii, Yu.	Piezoelectric and ultrasonic studies of new lamellar crystals of CuInP ₂ S ₂ type (2011) Ferroelectrics, 419 (1), pp. 97-102	Scopus
538.	Grabar, A., Mathey, P., Iegorov, R.	Coherent semilinear oscillator with Sn ₂ P ₂ S ₆ :Sb crystals (2011) Applied Physics B: Lasers and Optics, 105 (4), pp. 813-819.	Scopus
539.	Guivan, M.M., Brablec, A., St'Ahel, P., Slavlček, P., Park, D.H., Janča, J.	Diagnostics of planar XeI* UV excimer lamp excited by coplanar surface barrier discharge (2011) Journal of Light and Visual Environment, 35 (3), pp. 241-244.	Scopus
540.	Grigas, J., Talik, E., Glukhov, K., Fedyo, K., Stoika, I., Gurzan, M., Prits, I., Grabar, A., Vysochanskii, Yu.	XPS of impurities influence on electronic structure of Sn ₂ P ₂ S ₆ ferroelectrics (2011) Ferroelectrics, 418 (1), pp. 134-142.	Scopus
541.	Piechal, B., Maciejewski, G., Bercha, A., Reufer, M., Gomez-Iglesias, A., Trzeciakowski, W.	Anomalous energy shifts of the QW-transitions in red-emitting (Al)InGaP laser diodes tuned by	Scopus

		pressure (2011) AIP Conference Proceedings, 1399, pp. 955-956.	
542.	Mikla, V.I., Mikla, V.V.	Xerographic spectroscopy of gap states in Se-rich amorphous semiconductors review (2011) Journal of Non-Crystalline Solids, 357 (22-23), pp. 3675-3688.	Scopus
543.	Studeniyak, I.P., Kranjčec, M., Pop, M.M.	Urbach absorption edge and disordering processes in As₂S₃ thin films (2011) Journal of Non-Crystalline Solids, 357 (22-23), pp. 3866-3869.	Scopus
544.	Mikla, V.I., Mikla, V.V.	Finite size microcrystal's in glasses (2011) Optoelectronics and Advanced Materials, Rapid Communications, 5 (10), pp. 1078-1080.	Scopus
545.	Shuaibov, A.K., Gomoki, Z.T., Minya, A.I., Shevera, I.V.	Pulsed-periodic UV emitter tunable near the main absorption maximum of a DNA molecule (2011) Technical Physics, 56 (11), pp. 1691-1692.	Scopus
546.	Mazur, V.M., Symochko, D.M., Bigan, Z.M., Poltorzhyska, T.V.	Isomeric yields ratios in ¹²⁰Te(γ, n)^{119m}gTe reaction in the E1-giant resonance region (2011) International Journal of Modern Physics E, 20 (11), pp. 2329-2335.	Scopus
547.	Wakayama, Y., Okamoto, A., Tomita, A., Grabar, A.A., Sato, K., Nihei, H.	Apodization along thickness direction of holographic transmission grating in Sb-doped Sn₂P₂S₆ (2011) Proceedings of the International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD, с т а т ь я №. 6041127, pp. 41-42.	Scopus
548.	Bilanych, V.S., Kikemezey, S.S., Rizak, I.M., Rizak, V.M.	Study of the dynamics and mechanisms of deformation of thin chalcogenide As(Ge)₂Se₃ films by nanoindentation (2011) Physics of the Solid State, 53 (11), pp. 2316-2320.	Scopus
549.	Kovalchuk, A.A.	Species composition and quantitative development of benthic Rotifera in the Uzh River (the basin of the Tisa River) within the territory of Ukraine (2011) Hydrobiological Journal, 47 (5), pp. 21-31	Scopus
550.	Grabar, A., Mathey, P., Iegorov, R., Gadret, G.	Photorefractive "camera obscura" (2011) Optics Communications, 284 (22), pp. 5361-5363	Scopus
551.	Usenko, R.M., Slivka, M.V., Lendel, V.G.	Electrophilic heterocyclization of 4,5-disubstituted 3-allylthio-4H-1,2,4-triazoles by the action of halogens (2011) Chemistry of Heterocyclic Compounds, 47 (8), pp. 1029-1036	Scopus
552.	Shuaibov, A.K., Shimon, L.L., Minya, A.I., Gomoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Ultraviolet capacitive discharge lamp in mixtures of inert gases and iodine vapors (2011) Journal of Physical Studies, 15 (2)	Scopus
553.	Kaganovskii, Yu., Beke, D.L., Charnovych, S., Kökényesi, S., Trunov, M.L.	Inversion of the direction of photo-induced mass transport in As₂₀Se₈₀ films: Experiment and theory (2011) Journal of Applied Physics, 110 (6), с т а т ь я №. 063502	Scopus

554.	Kleemann, W., Shvartsman, V.V., Borisov, P., Baniys, J., Vysochanskii, Y.M.	Magnetic and polar phases and dynamical clustering in multiferroic layered solid solutions CuCr_{1-x}In_xP₂S₆ (2011) Physical Review B - Condensed Matter and Materials Physics, 84 (9), с т а т ь я №.094411	Scopus
555.	Kozachenko, Y., Pogoriliak, O.	Simulation of Cox Processes Driven by Random Gaussian Field (2011) Methodology and Computing in Applied Probability, 13 (3), pp. 511-521	Scopus
556.	Studenyyak, I.P., Izai, V.Y., Stephanovich, V.O., Panko, V.V., Kúš, P., Plecenik, A.	Luminescence and optical absorption studies of sulphur-implanted Cu₆PS₅X (X=I, Br) superionic conductors (2011) Physica Status Solidi (C) Current Topics in Solid State Physics, 8 (9), pp. 2721-2724.	Scopus
557.	Serbin, R., Bazel, Y.R., Andruch, V., Balogh, I.S.	Extractive separation, preconcentration, spectrophotometric and atomic absorption determination of gold as an ion associate with 2-[2-(4-methoxyphenylamino)vinyl]-1,3,3-trimethyl-3H-indolium chloride (2011) Journal of Analytical Chemistry, 66 (9), pp. 800-806.	Scopus
558.	Serbin, R., Bazel, Y.R., Andruch, V., Balogh, I.S.	Extractive separation, preconcentration, spectrophotometric and atomic absorption determination of gold as an ion associate with 2-[2-(4-methoxyphenylamino)vinyl]-1,3,3-trimethyl-3H-indolium chloride (2011) Journal of Analytical Chemistry, 66 (9), pp. 800-806.	Scopus
559.	Sakalosh, I.I., Sharkany, Y.P., Ramsden, J.J., Zhitov, N.B.	Threshold integrated optical chemical sensor with sensitivity controlled by external illumination (2011) Physica Status Solidi (C) Current Topics in Solid State Physics, 8 (9), pp. 2950-2952.	Scopus
560.	Kormosh, Z., Savchuk, T., Korolchuk, S., Bazel, Y.	Design and application of a triiodide-selective membrane electrode (2011) Electroanalysis, 23 (9), pp. 2144-2147.	Scopus
561.	Holomb, R., Mitsa, V., Petrachenkov, O., Veres, M., Stronski, A., Vlček, M.	Comparison of structural transformations in bulk and as-evaporated optical media under action of polychromatic or photon-energy dependent monochromatic illumination (2011) Physica Status Solidi (C) Current Topics in Solid State Physics, 8 (9), pp. 2705-2708	Scopus
562.	Malyar, N.N.	Approach to the priorities of alternatives determination for multicriterion selection problems (2011) Journal of Automation and Information Sciences, 43 (8), pp. 46-50.	Scopus
563.	Brila, A.Yu.	Attainability of optimal solutions of linear problem of multicriteria optimization with alternative criteria in transitive subordination (2011) Journal of Automation and Information Sciences, 43 (8), pp. 51-55.	Scopus

564.	Shuaibov, A.K., Malinina, A.A.	Emission characteristics and plasma parameters of short glow discharge in argon-Elegas mixture (2011) High Temperature, 49 (4), pp. 487-490.	Scopus
565.	Shuaibov, A.K., Gomoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Influence of the iodine vapor pressure on the output characteristics of a UV low-pressure gas-discharge lamp (2011) Technical Physics, 56 (8), pp. 1213-1215.	Scopus
566.	Trunov, M.L., Lytvyn, P.M., Yannopoulos, S.N., Szabo, I.A., Kőkényesi, S.	Photoinduced mass-transport based holographic recording of surface relief gratings in amorphous selenium films (2011) Applied Physics Letters, 99 (5), с т а т ь я №.051906	Scopus
567.	O'Byrne, K.J., Gatzemeier, U., Bondarenko, I., Barrios, C., Eschbach, C., Martens, U.M., Hotko, Y., Kortsik, C., Paz-Ares, L., Pereira, J.R., von Pawel, J., Ramlau, R., Roh, J.-K., Yu, C.-T., Stroh, C., Celik, I., Schueler, A., Pirker, R.	Molecular biomarkers in non-small-cell lung cancer: a retrospective analysis of data from the phase 3 FLEX study (2011) The Lancet Oncology, 12 (8), pp. 795-805.	Scopus
568.	Vysochanskii, Yu., Glukhov, K., Fedyo, K., Yevych, R.	Charge transfer and anharmonicity in Sn₂P₂S₆ferroelectrics (2011) Ferroelectrics, 414 (1), pp. 30-40.	Scopus
569.	Wakayama, Y., Okamoto, A., Grabar, A.A.	Double phase conjugate mirror with Sb-Doped Sn₂P₂S₆ crystal for different incident angles, crystal thickness, total incident intensity and polarization (2011) Ferroelectrics, 415 (1), pp. 1-8.	Scopus
570.	Guivan, M.M., Malinina, A.A., Brablec, A.	Experimental and theoretical characterization of a multi-wavelength DBD-driven exciplex lamp operated with mercury bromide/rare gas mixtures (2011) Journal of Physics D: Applied Physics, 44 (22), с т а т ь я №.224012	Scopus
571.	Shuaibov, A.K., Mesarosh, L.V., Chuchman, M.P.	Features of the formation of a laser flare from aluminum in the presence of a background gas (2011) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 78 (6), pp. 358-361	Scopus
572.	Chuchman, M.P., Suaibov, A.K., Mesarosh, L.V.	Spatial and emission characteristics of aluminum laser torch plasma (2011) High Temperature, 49 (3), pp. 452-455.	Scopus
573.	Sidey, V.	A simplified empirical model for approximation of the bond valence-bond length correlation for H - O bonds (2011) Acta Crystallographica Section B: Structural Science, 67 (3), pp. 263-265	Scopus
574.	Kozachenko, Yu.V., Mlavets, Yu.Yu.	Probability of large deviations of sums of random processes from Orlicz space (2011) Monte Carlo Methods and Applications, 17 (2), pp. 155-168.	Scopus
575.	Bercha, D.M., Glukhov, K.E., Sznajder, M.	Non-standard anisotropy of the energy spectrum of a layered TiGaSe₂ crystal (2011) Physica Status Solidi (B) Basic Research, 248 (6), pp. 1446-1452.	Scopus

576.	Barj, M., Mykaylo, O.A., Kaynts, D.I., Gorina, O.V., Guranich, O.G., Rubish, V.M.	Formation and structure of crystalline inclusions in As₂S₃-SbSI and As₂Se₃-SbSI systems glass matrices (2011) Journal of Non-Crystalline Solids, 357 (11-13), pp. 2232-2234	Scopus
577.	Yevych, R.M., Vysochanskip, Yu.M.	Triple well potential and macroscopic properties of Sn₂P₂S₆ ferroelectrics near phase transition (2011) Ferroelectrics, 412 (1), pp. 38-44.	Scopus
578.	Farahi, S., Montemezzani, G., Grabar, A.A., Huignard, J.-P., Ramaz, F.	Photorefractive acousto optic imaging in the therapeutic window (2011) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 7899, с т а т ь я №. 789918	Scopus
579.	Gamulin, O., Ivanda, M., Mitsa, V., Balarin, M., Kosović, M.	Monitoring structural phase transition of (Ge₂S₃)_x(As₂S₃)_{1-x} chalcogenide glass with Raman spectroscopy (2011) Journal of Molecular Structure, 993 (1-3), pp. 264-268	Scopus
580.	Berchaa, D.M., Glukhov, K.E., Sznajder, M.	Gain spectrum for the In₄Se₃ crystal with a non-standard dispersion law of charge carriers (2011) Acta Physica Polonica A, 119 (5), pp. 720-722.	Scopus
581.	Andersson, O., Chobal, O., Rizak, I., Rizak, V., Sabadosh, V.	Effects of pressure and temperature on the thermal conductivity of Sn₂P₂S₆ (2011) Physical Review B - Condensed Matter and Materials Physics, 83 (13), с т а т ь я №. 134121	Scopus
582.	Nishimaki, K., Okamoto, A., Fujita, T., Grabar, A.A., Takabayashi, M., Uozumi, J., Tomita, A., Takayama, Y.	Optical inter-satellite communication with dynamically reconfigurable optical device using Sn₂P₂S₆ crystal (2011) Proceedings of SPIE - The International Society for Optical Engineering, 7923, с т а т ь я №. 79230N	Scopus
583.	Lazur, V.Y., Reity, O.K., Rubish, V.V.	Quasiclassical theory of the Dirac equation with a scalar-vector interaction and its applications in the physics of heavy-light mesons (2011) Physical Review D - Particles, Fields, Gravitation and Cosmology, 83 (7), с т а т ь я №. 076003	Scopus
584.	Kormosh, Zh.A., Hunka, I.P., Bazel, Y.R.	Spectrophotometric determination of piroxicam (2011) Journal of Analytical Chemistry, 66 (4), pp. 378-383.	Scopus
585.	Grondin, J., Lassègues, J.-C., Cavagnat, D., Buffeteau, T., Johansson, P., Holomb, R.	Revisited vibrational assignments of imidazolium-based ionic liquids (2011) Journal of Raman Spectroscopy, 42 (4), pp. 733-743.	Scopus
586.	Gnatchenko, S.L., Kachur, I.S., Piryatinskaya, V.G., Vysochanskii, Y.M., Gurzan, M.I.	Exciton-magnon structure of the optical absorption spectrum of antiferromagnetic MnPS₃ (2011) Low Temperature Physics, 37 (2), pp. 144-148.	Scopus
587.	Bondar, D.I., Lompay, R.R., Liu, W.-K.	Quantum mechanics of a free particle from properties of the Dirac delta function (2011) American Journal of Physics, 79 (4), pp. 392-394	Scopus

588.	Shuaibov, A.K., Minya, A.I., Gomoki, Z.T., Shevera, I.V.	Emission properties of a pulsed-periodic barrier discharge initiated in helium-iodine and argon-iodine mixtures (2011) Technical Physics, 56 (3), pp. 356-360	Scopus
589.	Studeniyak, I.P., Izai, V.Yu., Kúš, P., Plecenik, A.	Influence of ion implantation on the ferroelastic phase transition in Cu₆PS₅Br crystal (2011) Phase Transitions, 84 (3), pp. 225-230.	Scopus
590.	Shuaibov, A.K., Grabovaya, I.A., Minya, A.I., Homoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Kinetics of the processes, plasma parameters, and output characteristics of a UV emitter operating on XeI molecules and iodine molecules and atoms (2011) Plasma Physics Reports, 37 (3), pp. 244-250.	Scopus
591.	Billes, F., Szabó, A., Studeniyak, Y.	Vibrational spectroscopic study on 2-[2-(4-dipropylamino-phenyl)-vinyl]-1, 3,3-trimethyl-3H-indolium chloride (2011) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 78 (3), pp. 967-980	Scopus
592.	Peresh, E.Y., Sidei, V.I., Zubaka, O.V., Stercho, I.P.	K₂(Rb₂,Cs₂,Tl₂)TeBr₆(I₆) and Rb₃(Cs₃)Sb₂(Bi₂)Br₉(I₉) perovskite compounds (2011) Inorganic Materials, 47 (2), pp. 208-212	Scopus
593.	Malinina, A.A., Shuaibov, A.K.	Emission of mercury monobromide exciplex in gas-discharge plasma based on mixture of mercury dibromide vapor with sulfur hexafluoride and helium (2011) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 110 (2), pp. 191-200	Scopus
594.	Shuaibov, A.K., Minya, A.J., Gomoki, Z.T., Shevera, I.V., Gritsak, R.V.	Vacuum-UV emitter using low-pressure discharge in helium-water vapor mixture (2011) Technical Physics Letters, 37 (2), pp. 126-127.	Scopus
595.	Dziaugys, A., Banys, J., MacUtkovic, J., Vysochanskii, Y., Pritz, I., Gurzan, M.	Phase transitions in CuBiP₂Se₆ crystals (2011) Phase Transitions, 84 (2), pp. 147-156.	Scopus
596.	Oleaga, A., Salazar, A., Kohutych, A.A., Vysochanskii, Yu.M.	Critical behavior near the Lifshitz point in Sn₂P₂(S_{1-x}Se_x)₆ ferroelectric semiconductors from thermal diffusivity measurements (2011) Journal of Physics Condensed Matter, 23 (2), с т а т ь я №.025902	Scopus
597.	Sibilla, B.	Medical error in Ukraine (2011) Medicine and Law, 30 (1), pp. 39-53.	Scopus
598.	Mikla, V.I., Horvat, A.A., Krishtofory, A.E., Minkovich, V.V.	Mechanical relaxation spectroscopy of chalcogenide glasses (2011) Journal of Optoelectronics and Advanced Materials, 13 (1), pp. 1-11	Scopus
599.	Chuchman, M.P., Shuaibov, A.K., Mesarosh, L.V.	Effect of air pressure on the spatial and emission characteristics of an aluminum laser torch under subthreshold conditions of ablation (2011) Technical Physics, 56 (1), pp. 117-120	Scopus
600.	Chuchman, M.P., Shuaibov, A.K., Laslov, G.E., Shimon, L.L.	Parameters of a multicomponent laser-induced plasma	Scopus

		(2011) Technical Physics, 56 (1), pp. 151-153.	
601.	Malakhovskaya-Rosokha, T.A., Sabov, M.Yu., Barchii, I.E., Peresh, E.Yu.	Phase equilibria in quasi-binary sections of the Ti-Sn-S system (2011) Russian Journal of Inorganic Chemistry, 56 (1), pp. 118-123	Scopus
602.	Mazur, V.M., Symochko, D.M., Bigan, Z.M., Poltorzhyska, T.V., Derechkey, P.S.	Cross section of the (γ n)reaction for ^{116}Cd nucleus in the region of giant E1-resonance (2011) Ukrainian Journal of Physics, 56 (5), pp. 443-446	Scopus
603.	Glotov, S., Petrenko, A., Mateleshko, A.	Rove beetles of the genus Gyrophaena (Coleoptera, Staphylinidae, Aleocharinae) of Ukraine (2011) Vestnik Zoologii, 45 (2), pp. e8-e24	Scopus
604.	Studenyyak, I.P., Buchuk, R.Y., Kranjčec, M., Makauz, I.I., Voynarovych, I.M., Charnovich, I., Daroczi, L., Kökényesi, S.	Structural, electrical, and optical properties of As₂S₃-Cu₆PS₅I nanocomposites (2011) Journal of Non-Crystalline Solids, 357 (1), pp. 96-99	Scopus
605.	Wakayama, Y., Okamoto, A., Grabar, A.A., Sato, K.	Optical interconnection between different spatial modes using double phase conjugate mirror with polarization alignment system (2011) Optical Review, 18 (1), pp. 117-123	Scopus
606.	Tomašovičova, N., Mitroova, Z., Kovalchuk, O., Tomčo, L., Gornitska, O., Bykov, V., Kovalchuk, T., Studenyak, I., Kopčansky, P.	Morphology and dielectric properties of polymer dispersed liquid crystals with magnetic nanoparticles (2011) NANOCON 2011 - Conference Proceedings, 3rd International Conference, pp. 559-564	Scopus
607.	Vladimir, K., Gennadiy, B., Inna, L.	Rare and protected plant species of the Uzhansky National Nature Park (Transcarpathia, Ukraine) (2010) Thaiszia Journal of Botany, 20 (2), pp. 115-125	Scopus
608.	Bondar, I.I., Suran, V.V.	Experimental investigations of influence of additionally induced polarization of the ground state of atoms on multiphoton transitions (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, с т а т ь я №. 5634212, pp. 196-198	Scopus
609.	Jenkovszky, L.L., Nagy, A., Troshin, S.M., Turóci, J., Tyurin, N.E.	Critical phenomena in deep inelastic scattering (2010) International Journal of Modern Physics A, 25 (31), pp. 5667-5682	Scopus
610.	Korol', I.I.	Numerical-analytic method for the investigation of boundary-value problems for semilinear systems of differential equations (2010) Nonlinear Oscillations, 13 (1), pp. 45-56	Scopus
611.	Karbovanets, O.M., Karbovanets, M.I., Lazur, V.Y., Khoma, M.V.	The surface integral method in the theory of exchange interaction of a polar molecule with a highly charged ion (2010) Journal of Physical Studies, 14 (4)	Scopus
612.	Studenyyak, I.P., Izai, V.Y., Stefanovich, V.O., Pan'ko, V.V., Kus, P., Plecenik, A.	Influence of ion ilantation on the phase transitions in Cu₆PS₅I superionic conductors (2010) Functional Materials, 17 (1), pp. 70-74	Scopus

613.	Samulionis, V., Banys, J., Macutkevicius, J., Vysochanskii, Y.	Dielectric and ultrasonic spectroscopy of quasi two-dimensional $\text{CuInP}_2(\text{S}_x\text{Se}_{1-x})_6$ mixed crystals (2010) Handbook of Material Science Research, pp. 213-269	Scopus
614.	Bletska, D.I., Kabatsii, V.N., Kranjčec, M.	Photoelectric properties of ordered-vacancy Ga_2Se_3 single crystals (2010) Inorganic Materials, 46 (12), pp. 1290-1295	Scopus
615.	Slava, S., Condrey, S.E.	Public management and community in rethinking and structuring sustainability: A two-city (USA and Ukraine) comparative analysis (2010) International Journal of Sustainable Development, 13 (3), pp. 243-266	Scopus
616.	Farahi, S., Montemezzani, G., Grabar, A.A., Huignard, J.-P., Ramaz, F.	Photorefractive SPS acousto optic imaging in thick diffusing media at 790nm (2010) 2010 Photonics Global Conference, PGC 2010, с т а т ь я №. 5706059	Scopus
617.	Okamoto, A., Soma, D., Wakayama, Y., Tomita, A., Sato, K., Grabar, A.A.	Experiment on dynamic reconfigurable diffraction element for mode division multiplex communication (2010) Technical Digest - 15th OptoElectronics and Communications Conference, OECC2010, с т а т ь я №. 5588020, pp. 302-303.	Scopus
618.	Martynyuk-Lototska, I., Mys, O., Zapeka, B., Grabar, A., Vlokh, R.	Acoustic wave velocities and elastic properties of $\text{Sn}_2\text{P}_2(\text{Se}_{0.28}\text{S}_{0.72})_6$ solid solutions (2010) Philosophical Magazine, 90 (33), pp. 4349-4359.	Scopus
619.	Studeniyak, I.P., Kranjčec, M., Bilanchuk, V.V., Kokhan, O.P., Orliukas, A.F., Kezionis, A., Kazakevicius, E., Salkus, T.	Temperature and compositional behaviour of electrical conductivity and optical absorption edge in $\text{Cu}_7\text{Ge}(\text{S}_{1-x}\text{Se}_x)_5$ mixed superionic crystals (2010) Solid State Ionics, 181 (35-36), pp. 1596-1600.	Scopus
620.	Lazur, V.Y., Pavlyk, O.F., Reity, O.K.	The problem of two electrons within the third order of the quantum electrodynamics (2010) Journal of Physical Studies, 14 (3),	Scopus
621.	Bletska, D.I., Frolova, V.V., Glukhov, K.E.	Electronic structure of 18R-SnS_2 crystal (2010) Journal of Optoelectronics and Advanced Materials, 12 (11), pp. 2236-2241	Scopus
622.	Shuaibov, A.K., Gomoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Radiative characteristics and kinetics of processes in low-pressure gas-discharge lamps based on a mixture of helium and iodine vapors (2010) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 109 (5), pp. 669-673.	Scopus
623.	Pahiry, M.M., Katsala, R.A.	Properties of reciprocal derivatives (2010) Ukrainian Mathematical Journal, 62 (5), pp. 816-823.	Scopus
624.	Antal, I., Kormosh, Z., Bazel, Y., Lysenko, S., Kormosh, N.	Design of a Vitamin B1-Selective Electrode Based on an Ion-Pair and Its Application to Pharmaceutical Analysis (2010) Electroanalysis, 22 (22), pp. 2714-2719.	Scopus
625.	Lazur, V.Yu., Myhalyna, S.I., Reity, O.K.	The generalized breit operator of a long-range type in the framework of the	Scopus

		second-order effects of quantum electrodynamics (2010) International Journal of Modern Physics A, 25 (25), pp. 4775-4800.	
626.	Lazur, V.Y., Pavlyk, O.F., Reity, A.K.	The relativistic operator of interaction of two quasimolecular electrons as a third-order effect of quantum electrodynamics (2010) Theoretical and Mathematical Physics, 165 (1), pp. 1293-1314.	Scopus
627.	Guivan, M.M., Guyvan, A.M.	Characterization of a white-colour DBD-driven cadmium bromide exciplex lamp (2010) Plasma Sources Science and Technology, 19 (5), с т а т ь я No. 055014, Guivan, M.M., Guyvan, A.M. Characterization of a white-colour DBD-driven cadmium bromide exciplex lamp (2010) Plasma Sources Science and Technology, 19 (5), с т а т ь я No. 055014,	Scopus
628.	Malinina, A.A., Guivan, N.N., Shimon, L.L., Shuaibov, A.K.	Optical characteristics and parameters of the plasma of a barrier discharge excited in a mixture of mercury dibromide vapor with nitrogen and helium (2010) Plasma Physics Reports, 36 (9), pp. 803-811.	Scopus
629.	Norman, J., Bathori-Tartsi, Z.	Improvisational international research: Seeking to help children in ukrainian orphanages sooner than later (2010) Families in Society, 91 (4), pp. 421-425.	Scopus
630.	Bilanich, V.S., Onishchak, V.B., Makauz, I.I., Rizak, V.M.	Internal friction in glassy semiconductors of the Ge-As-Se system (2010) Physics of the Solid State, 52 (9), pp. 1820-1829	Scopus
631.	Studenyyak, I.P., Yu, I.V., Panko, V.V., Kúš, P., Plecenik, A.	Temperature studies of Urbach absorption edge in implanted Cu ₆ PS ₅ Br crystals (2010) Ukrainian Journal of Physical Optics, 11 (3), pp. 175-183.	Scopus
632.	Kostruba, A., Kobec, A.P., Grabar, A.A., Vlokh, R.	Study of planar waveguide structure of He ⁺ ion-implanted Sn ₂ P ₂ S ₆ crystal with multiple-angle-of-incidence ellipsometry technique (2010) Ukrainian Journal of Physical Optics, 11 (3), pp. 165-174.	Scopus
633.	Mitsa, V., Ivanda, M., Holomb, R.	Comparing nature of low frequency vibration of As _n Sm nanoclusters in bulk glasses and clusters incorporated in dielectric matrixes (2010) MIPRO 2010 - 33rd International Convention on Information and Communication Technology, Electronics and Microelectronics, Proceedings, с т а т ь я No. 5533704, pp. 6-7.	Scopus
634.	Kudak, V.I., Klimik, V.U., Epishev, V.P.	Evaluation of disturbances from solar radiation in orbital elements of geosynchronous satellites based on harmonics (2010) Astrophysical Bulletin, 65 (3), pp. 300-310.	Scopus

635.	Fedorko, R.A., Snegurskaya, T.A., Margitich, N.A., Shafranyosh, I.I.	The excitation cross section of cadmium atoms from metastable 5s5p 3P₀, 2 states by electron impact (2010) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 109 (3), pp. 325-329.	Scopus
636.	Mikla, V.I., Mikla, V.V.	Molecular structure of Se-rich amorphous films (2010) Journal of Optoelectronics and Advanced Materials, 12 (9), pp. 1827-1839.	Scopus
637.	Kormosh, Z., Hunka, I., Bazel, Y., Matviychuk, O.	Potentiometric determination of ketoprofen and piroxicam at a new PVC electrode based on ion associates of Rhodamine 6G (2010) Materials Science and Engineering C, 30 (7), pp. 997-1002.	Scopus
638.	Shuaibov, A.K., Minya, A.I., Gomoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Ultraviolet gas-discharge lamp on iodine molecules (2010) Technical Physics, 55 (8), pp. 1222-1225.	Scopus
639.	Kohutych, A., Yevych, R., Perechinskii, S., Samulionis, V., Banys, J., Vysochanskii, Yu.	Sound behavior near the Lifshitz point in proper ferroelectrics (2010) Physical Review B - Condensed Matter and Materials Physics, 82 (5), с т а т ь я №.054101, .	Scopus
640.	Lazur, V.Y., Rubish, V.V., Reity, O.K.	The relativistic quasiclassical theory of tunneling ionization in an external scalar and vector fields (2010) Journal of Physical Studies, 14 (1), .	Scopus
641.	Bokhinuk, V.S., Bigan, Z.M., Parlag, O.M., Sokoluk, I.V., Symochko, D.M., Marynets, T.J.	Excitation of 1 17in 1/2-isomeric state in (γ p) reactions (2010) Journal of Physical Studies, 14 (1), .	Scopus
642.	Guivan, M.M., Kamikozawa, T., Kurokawa, H., Motomura, H., Kadowaki, K., Jinno, M.	Comparative inactivation of Bacillus subtilis spores using a DBD-driven xenon iodide excilamp and a conventional mercury lamp (2010) IEEE Transactions on Plasma Science, 38 (8 PART 2), с т а т ь я №.5452997, pp. 1972-1977.	Scopus
643.	Dziaugys, A., Banys, J., MacÚtkevic, J., Sobiestianskas, R., Vysochanskii, Y.	Dipolar glass phase in ferrielectrics: CuInP 2S 6 and Ag 0.1Cu 0.9InP 2S 6 crystals (2010) Physica Status Solidi (A) Applications and Materials Science, 207 (8), pp. 1960-1967.	Scopus
644.	Vysochanskii, Yu.M., Kohutych, A.A., Kityk, A.V., Zadorozhna, A.V., Khoma, M.M., Grabar, A.A.	Tricritical behavior of Sn2P2S6ferroelectrics at hydrostatic pressure (2010) Ferroelectrics, 399 (1), pp. 83-88.	Scopus
645.	Trunov, M.L., Lytvyn, P.M., Dyachyns'Ka, O.M.	Alternating matter motion in photoinduced mass transport driven and enhanced by light polarization in amorphous chalcogenide films (2010) Applied Physics Letters, 97 (3), с т а т ь я №.031905,	Scopus
646.	Chobal', A.I., Rizak, I.M., Grebenyuk, A.G., Rizak, V.M.	Electronic and spatial structure of nanoclusters of Sn2P2S6 ferroelectric crystals (2010) Physics of the Solid State, 52 (7), pp. 1468-1474.	Scopus
647.	Studeniyak, I.P., Izai, V.Y., Stefanovich, V.O., Panko, V.V., Kúš, P., Plecenik, A.	On the Urbach rule in sulphur-implanted Cu6PS5I superionic conductors	Scopus

		(2010) Journal of Physics and Chemistry of Solids, 71 (7), pp. 988-992.	
648.	Lazur, V.Yu., Reity, O.K., Rubish, V.V.	Spherical model of the stark effect in external scalar and vector fields (2010) International Journal of Modern Physics A, 25 (16), pp. 3235-3259.	Scopus
649.	Lazur, V.Yu., Myhalyna, S.I., Reity, O.K.	Interaction of two quasimolecular electrons via the field of virtual photons as a second-order effect of quantum electrodynamics (2010) Physical Review A - Atomic, Molecular, and Optical Physics, 81 (6), с т а т ь я №.062707,	Scopus
650.	Shpak, A.P., Rubish, V.M., Mykaylo, O.A., Kaynts, D.I., Guranich, O.G., Rosul, R.R.	Optical properties and local structure of (As₂S₃)_{100-x}(SbSI)_x glasses (2010) Ukrainian Journal of Physical Optics, 11 (2), pp. 107-113.	Scopus
651.	Sidey, V.	On the accurate bond-valence parameters for the Sb³⁺/O²⁻ ion pair (2010) Acta Crystallographica Section B: Structural Science, 66 (3), pp. 307-314.	Scopus
652.	Prospero, S., Jung, E., Tsykun, T., Rigling, D.	Eight microsatellite markers for Armillaria cepistipes and their transferability to other Armillaria species (2010) European Journal of Plant Pathology, 127 (2), pp. 165-170.	Scopus
653.	Farahi, S., Montemezzani, G., Grabar, A.A., Huignard, J.-P., Ramaz, F.	Photorefractive acousto-optic imaging in thick scattering media at 790 nm with a Sn₂P₂S₆:Te crystal (2010) Optics Letters, 35 (11), pp. 1798-1800.	Scopus
654.	Trunov, M., Takats, V., Csarnovics, I., Cserhati, C., Csik, A., Kokenyesi, S.	Laser and e-beam generated micro-nanostructures on the surface of amorphous chalcogenide layers (2010) TMS Annual Meeting, 2, pp. 641-647.	Scopus
655.	Holomb, R., Mitsa, V., Johanssonand, P., Veres, M.	Boson peak in low-frequency Raman spectra of As_xS_{100-x}glasses: Nanocluster contribution (2010) Physica Status Solidi (C) Current Topics in Solid State Physics, 7 (3-4), pp. 885-888.	Scopus
656.	Kondrat, O., Popovich, N., Holomb, R., Mitsa, V., Petrachenkov, O., Koós, M., Veres, M.	Ab initio calculations and the effect of atomic substitution in the Raman spectra of As(Sb,Bi)₂S₃films (2010) Physica Status Solidi (C) Current Topics in Solid State Physics, 7 (3-4), pp. 893-896.	Scopus
657.	Morozovska, A.N., Eliseev, E.A., Wang, J., Svechnikov, G.S., Vysochanskii, Y.M., Gopalan, V., Chen, L.-Q.	Phase diagram and domain splitting in thin ferroelectric films with incommensurate phase (2010) Physical Review B - Condensed Matter and Materials Physics, 81 (19), с т а т ь я №.195437, .	Scopus
658.	Trunov, M., Lytvyn, P., Nagy, P.M., Cserhati, Cs., Charnovich, I., Kokenyesi, S.	Direct surface relief formation in As-S(Se) layers (2010) Proceedings of SPIE - The International Society for Optical Engineering, 7598, с т а т ь я №. 75981H, .	Scopus
659.	Shuaibov, A.K., Chygin, V.I., Shimon, L.L., Shevera, I.V., Gorun, P.P., Obukhovskii, R.O.	Emission characteristics and electron kinetic coefficients of the plasma of a transverse volume discharge initiated in a mixture of heavy inert gases with chlorine molecules	Scopus

		(2010) Technical Physics, 55 (5), pp. 679-685. Ц и т и р о в а н (ы) І р а з .	
660.	Lazur, V.Yu., Reity, O.K., Pavlyk, O.F.	The generalized Breit operator of the interaction between two quasimolecular electrons in the framework of the third-order effects of quantum electrodynamics (2010) Journal of Physics A: Mathematical and Theoretical, 43 (17), с т а т ь я №. 175208, .	Scopus
661.	Trunov, M.L., Lytvyn, P.M., Nagy, P.M., Dyachyns'Ka, O.M.	Real-time atomic force microscopy imaging of photoinduced surface deformation in AsxSe100-xchalcogenide films (2010) Applied Physics Letters, 96 (11), с т а т ь я №. 111908,	Scopus
662.	Vishnikin, A.B., Svinarenko, T.Ye., Sklenářová, H., Solich, P., Bazel, Y.R., Andruch, V.	11-Molybdothiophosphate-A new reagent for the determination of ascorbic acid in batch and sequential injection systems (2010) Talanta, 80 (5), pp. 1838-1845.	Scopus
663.	Kohutych, A.A., Yevych, R.M., Perechinskii, S.I., Vysochanskii, Y.M.	Acoustic attenuation in ferroelectric Sn2P2S6crystals (2010) Central European Journal of Physics, 8 (6), pp. 905-914.	Scopus
664.	Sidey, V.I., Milyan, P.M., Semrad, O.O.	X-ray Rietveld structure refinement of Sb3O6.5 (2010) Journal of Alloys and Compounds, 490 (1-2), pp. 598-601.	Scopus
665.	Glukhov, K.E., Tovstyuk, N.K.	Elementary energy bands concept, band structure, and peculiarities of bonding in β-InSe crystal (2010) Physica Status Solidi (B) Basic Research, 247 (2), pp. 318-324.	Scopus
666.	Say, A., Mys, O., Adamenko, D., Grabar, A., Vysochanskii, Y., Kityk, A., Vlokh, R.	Critical exponents of phase transition in ferroelectric Sn2P2S6: Comparison of optical and dilatometric data (2010) Phase Transitions, 83 (2), pp. 123-139.	Scopus
667.	Pop, M.M., Malets, M.O., Shpak, I.I., Semak, D.G.	Electron-induced changes of optico-refractometric parameters of glassy alloys of the Sb2S3-GeS2 system (2010) Ukrainian Journal of Physics, 55 (8), pp. 911-914.	Scopus
668.	Guivan, M.M., Malinina, A.A., Guyvan, H.M.	Multi-wavelength mode of dielectric barrier discharge operated with the mercury bromide/rare gases mixtures (2010) HAKONE 2010 - 12th International Symposium on High Pressure Low Temperature Plasma Chemistry, pp. 332-335.	Scopus
669.	Sabov, M.Yu., Sevryukov, D.V., Galagovets, I.V., Betsa, V.V., Peresh, E.Yu.	Effect of nonstoichiometry on the thermoelectric properties of Ti4TiS4crystals (2010) Inorganic Materials, 46 (1), pp. 11-13.	Scopus
670.	Popovych, K.P., Puga, P.P., Maslyuk, V.T., Krasylynec, V.M., Holovey, V.M., Puga, G.D.	X-Ray luminescence of crystallized silver, Copper and manganese-Doped lithium tetraborate (2010) Acta Physica Polonica A, 117 (1), pp. 174-176.	Scopus
671.	Kopčanský, P., Koval'Chuk, A., Gornitska, O., Vovk, V., Kovarehuk, T., Tomašovičová, N.,	Dielectric spectroscopy of liquid crystal doped with Fe3O4Nanoparticles	Scopus

	Koneraeká, M., Timko, M., Zavišová, V., Jadzyn, J., Éber, N., Studenyak, I.	(2010) Physics Procedia, 9, pp. 36-40.	
672.	Zhiguts, Yu.Yu.	Synthesis and properties of cast carbide alloys (2009) Metal Science and Heat Treatment, 51 (3-4), pp. 127-130.	Scopus
673.	Zatsarinny, O., Bartschat, K., Gedeon, S., Gedeon, V., Lazur, V., Nagy, E.	Cross sections for electron scattering from magnesium (2009) Journal of Physics: Conference Series, 194 (4), с т а т ь я №. 042029, .	Scopus
674.	Kohutych, A.A., Yevych, R.M., Perechinskii, S.I., Vysochanskii, Yu.M.	Hypersound waves near the Lifshitz point in Sn₂P₂(SexS_{1-x})₆ferroelectrics (2009) Ferroelectrics, 379 (1 PART 2), pp. 151-156.	Scopus
675.	Vysochanskii, Yu., Kohutych, A., Yevych, R., Perechinskii, S.	Anharmonicity of Sn₂P₂S₆ ferroelectrics (2009) AIP Conference Proceedings, 1198, pp. 209-215.	Scopus
676.	Takabayashi, M., Okamoto, A., Kojima, Y., Grabar, A.A.	High speed phase detection for holographic data storage by photorefractive time-domain differential detection with Sb: Sn₂P₂S₆ crystal (2009) 2009 International Conference on Photonics in Switching, PS '09, с т а т ь я №. 5307783, .	Scopus
677.	Kobets, M.I., Dergachev, K.G., Gnatchenko, S.L., Khats'Ko, E.N., Vysochanskii, Yu.M., Gurzan, M.I.	Antiferromagnetic resonance in Mn₂ P₂ S₆ (2009) Low Temperature Physics, 35 (12), pp. 930-934.	Scopus
678.	Kojima, Y., Okamoto, A., Grabar, A.A., Takabayashi, M., Shimayabu, K.	Experiments on double phase conjugate mirror with a photorefractive Sb:Sn₂P₂S₆crystal (2009) Ferroelectrics, 378 (1 PART 1), pp. 121-128.	Scopus
679.	Mys, O., Martynyuk-Lototska, I., Grabar, A., Vlokh, R.	Acoustic and elastic properties of Sn₂P₂S₆ crystals (2009) Journal of Physics Condensed Matter, 21 (26), с т а т ь я №. 265401, .	Scopus
680.	Pahiryá, M.M., Katsala, R.A.	Equivalence of two methods for construction of regular continued C-fractions (2009) Ukrainian Mathematical Journal, 61 (7), pp. 1192-1198.	Scopus
681.	Kricsfalusy, V., Mihály, A.	Flora and vegetation of the Bodrog catchment area (International expedition to the Upper Tisza region) (2009) Thaiszia Journal of Botany, 19 (SUPPL. 1), pp. 135-151.	Scopus
682.	Mitsa, V., Sikora, S., Ivanda, M.	DC electroluminescent ZnS:M,Cu powder panels with chalcogenide glass intermediate layer (2009) MIPRO 2009 - 32nd International Convention Proceedings: Microelectronics, Electronics and Electronic Technology, MEET and Grid and Visualizations Systems, GVS, 1, pp. 62-64.	Scopus
683.	Samulionis, V., Banys, J., Studenyak, I.P., Panko, V.V.	Ultrasonic and piezoelectric investigations of phase transitions in ferroelastic Cu₆PS₅(I,Br) mixed crystals (2009) Ferroelectrics, 379 (1 PART 2), pp. 62-68.	Scopus

684.	Samulionis, V., Banys, J., Vysochanskii, Y.	Characterization of CuInP2S6 family two dimensional crystals for ultrasonic transducers (2009) Proceedings - IEEE Ultrasonics Symposium, с т а т ь я No. 5441578, .	Scopus
685.	Studeniyak, I.P., Izai, V.Y., Panko, V.V., Orliukas, A.F., Kazakevičius, E., Koleli, F., Dudukcu, M., Aydin, R.	Temperature behaviour of optical absorption edge and phase transitions in Cu6PS5i0.8Cl0.2superionic mixed crystals (2009) Lithuanian Journal of Physics, 49 (2), pp. 209-214.	Scopus
686.	Grigas, J., Talik, E., Lazauskas, V., Vysochanskii, Yu.M., Yevych, R., Adamiec, M., Nelkinas, V.	XPS of electronic structure of ferroelectric Sn2P 2S6 crystals (2009) Ferroelectrics, 378 (1 PART 1), pp. 70-78.	Scopus
687.	Studeniyak, I.P., Kranjčec, M., Bilanchuk, V.V., Kokhan, O.P., Orliukas, A.F., Kezionis, A., Kazakevicius, E., Salkus, T.	Temperature variation of electrical conductivity and absorption edge in Cu7GeSe5I advanced superionic conductor (2009) Journal of Physics and Chemistry of Solids, 70 (12), pp. 1478-1481.	Scopus
688.	Trunov, M., Lytvyn, P., Takats, V., Charnovich, I., Kokenyesi, S.	Direct surface relief formation in As0.2Se0.8 layers (2009) Journal of Optoelectronics and Advanced Materials, 11 (12), pp. 1959-1962.	Scopus
689.	Shuaibov, A.K., Grabovaya, I.A., Gomoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Output characteristics and parameters of the plasma from a gas-discharge low-pressure ultraviolet source using helium-iodine and xenon-iodine mixtures (2009) Technical Physics, 54 (12), pp. 1819-1824.	Scopus
690.	Studeniyak, I.P., Bilanchuk, V.V., Kokhan, O.P., Stasyuk, Yu.M., Orliukas, A.F., Kežionis, A., Kazakevičius, E., Šalkus, T.	Electrical conductivity, electrochemical and optical properties of Cu7GeS5I-Cu7GeSe5I superionic solid solutions (2009) Lithuanian Journal of Physics, 49 (2), pp. 203-208.	Scopus
691.	Andersson, O., Chobal, O., Rizak, I., Rizak, V.	Tricritical Lifshitz point in the temperature-pressure-composition diagram for (PbySn1-y)2P2(SexS1-x)6ferroelectrics (2009) Physical Review B - Condensed Matter and Materials Physics, 80 (17), с т а т ь я No. 174107, .	Scopus
692.	Hira, K., Okamoto, A., Kojima, Y., Grabar, A.A.	Dynamically reconfigurable optical waveguides with Sn2P 2S6 crystal for free space optical wiring (2009) 2009 14th OptoElectronics and Communications Conference, OECC 2009, с т а т ь я No. 5222596, .	Scopus
693.	Guivan, M.M., Kamikozawa, T., Kurokawa, H., Motomura, H., Kadowaki, K., Jinno, M.	Water sterilization using a DBD-driven xenon iodide excilamp (2009) IEEE International Conference on Plasma Science, с т а т ь я No. 5227286, .	Scopus
694.	Malinina, A.A., Guivan, N.N., Shuaibov, A.K.	Optical characteristics and parameters of a gas discharge plasma based on a mixture of mercury dibromide vapor and helium (2009) Journal of Applied Spectroscopy, 76 (5), pp. 711-719.	Scopus

695.	Sznajder, M., Bercha, D.M., Potera, P., Khachapuridze, A., Panko, V.V., Bercha, S.A.	Band structure and optical properties of the layered Hg₃TeCl₄ crystal (2009) Acta Physica Polonica A, 116 (5), pp. 950-951.	Scopus
696.	Chuchman, M.P., Shuaibov, A.K., Laslov, G.E.	Studying the energy characteristics of laser erosion plasma of a CuInSe₂ target by time-resolved emission spectroscopy (2009) Technical Physics Letters, 35 (8), pp. 764-767.	Scopus
697.	Glukh, O.S., Sabov, M.Y., Barchii, I.E., Tsigika, V.V., Sidei, V.I.	Formation of ternary compounds in the Tl₂Se-GeSe₂ system (2009) Inorganic Materials, 45 (10), pp. 1092-1096.	Scopus
698.	Bovdi, V.A., Rudko, V.P.	Indecomposable linear groups (2009) Indian Journal of Pure and Applied Mathematics, 40 (5), pp. 327-336.	Scopus
699.	Takáts, V., Vojnarovich, I., Csarnovich, I., Csik, A., Cheresnya, V., Shyplyak, M., Sangunni, K.S.	Stimulated interdiffusion and optical recording in Sb/As₂S₃ nanomultilayers (2009) Journal of Non-Crystalline Solids, 355 (37-42), pp. 1962-1965.	Scopus
700.	Trunov, M.L., Nagy, P.M., Takats, V., Lytvyn, P.M., Kokenyesi, S., Kalman, E.	Surface morphology of as-deposited and illuminated As-Se chalcogenide thin films (2009) Journal of Non-Crystalline Solids, 355 (37-42), pp. 1993-1997.	Scopus
701.	Padlyak, B., Vlokh, R., Grabar, A., Vysochanskii, Yu., Dmitruk, I., Ryba-Romanowski, W., Lisiecki, R.	Luminescence properties of Sn₂P₂Se₆ crystals (2009) Optical Materials, 31 (12), pp. 1831-1834.	Scopus
702.	Khoma, M.V., Lazur, V.Yu., Janev, R.K.	Asymptotic theory of the one- and two-electron processes in slow collisions of atomic ions with diatomic molecules (2009) Physical Review A - Atomic, Molecular, and Optical Physics, 80 (3), с т а т ь я №.032706, .	Scopus
703.	Koval'chuk, A.A., Alekseyenko, M.V., Alekseyenko, V.R.	Application of the Ast traps for study of some environmental factors' effect on juvenile fish (2009) Hydrobiological Journal, 45 (4), pp. 33-49.	Scopus
704.	Bercha, D.M., Sznajder, M., Kharkhalis, L.Y.	Fundamental characteristics of a new Hg₃TeCl₄ crystal obtained by means of the elementary energy bands concept based on ab initio band structure calculations (2009) Journal of Physical Studies, 13 (1), .	Scopus
705.	Studeniyak, I.P., Buchuk, R.Y., Kranjcec, M., Stephanovich, V.O., Panko, V.V., Kokenyesi, S.	Peculiarities of Raman scattering in nanometric superionic conductors Cu₆PS₅Br (2009) Ukrainian Journal of Physical Optics, 10 (3), pp. 150-156.	Scopus
706.	Mikla, V.I., Mikla, V.V.	Trap level spectroscopy in amorphous selenium-based semiconductors (2009) Journal of Materials Science: Materials in Electronics, 20 (11), pp. 1059-1067.	Scopus
707.	Korol, I.I.	On periodic solutions of nonlinear autonomous differential systems in the critical case (2009) Nonlinear Oscillations, 12 (1), pp. 74-84.	Scopus

708.	Suran, V.V., Bondar, I.I.	Doubly charged ions resulting from the multiphoton atomic ionization of alkaline-earth metals (2009) Laser Physics, 19 (8), pp. 1502-1517.	Scopus
709.	Shuaibov, A.K., Heneral, A.A., Shpenik, Y.O., Zhmenyak, Y.V., Shevera, I.V., Gritsak, R.V.	Ultraviolet radiation sources on (H₂O, D₂O) water vapor (2009) Technical Physics, 54 (8), pp. 1238-1240.	Scopus
710.	Kormosh, Zh.A., Hunka, I.P., Bazel, Ya.R.	A potentiometric sensor for the determination of diclofenac (2009) Journal of Analytical Chemistry, 64 (8), pp. 853-858.	Scopus
711.	Khoma, M.V., Imai, M., Karbovanets, O.M., Kikuchi, Y., Saito, M., Haruyama, Y., Karbovanets, M.I., Kretinin, I.Yu., Itoh, A., Buenker, R.J.	Charge transfer processes in collisions of slow highly charged ions with polar molecules CO and C₃H₈ (2009) Journal of Physics: Conference Series, 163, с т а т ь я №.012055, .	Scopus
712.	Onysko, M.Y., Lendel, V.G.	Haloheterocyclization of 2-methylallyl(propargyl)-thioquinoline-3-carbaldehydes (2009) Chemistry of Heterocyclic Compounds, 45 (7), pp. 853-855.	Scopus
713.	Svalyavin, O.V., Onysko, M.Y., Lendel, V.G.	Synthesis of alkyl thioethers of pyrazolo[3,4-d]pyrimidine (2009) Chemistry of Heterocyclic Compounds, 45 (7), pp. 827-828.	Scopus
714.	Say, A., Mys, O., Grabar, A., Vysochanskii, Y., Vlokh, R.	Thermal expansion of Sn₂P₂S₆ crystals (2009) Phase Transitions, 82 (7), pp. 531-540.	Scopus
715.	Holomb, R., Veres, M., Mitsa, V.	Ring-, branchy-, and cage-like AsnSmnanoclusters in the structure of amorphous semiconductors: Ab initio and Raman study (2009) Journal of Optoelectronics and Advanced Materials, 11 (7), pp. 917-923.	Scopus
716.	Sidey, V.	On the correlations between the polyhedron eccentricity parameters and the bond-valence sums for the cations with one lone electron pair. Addendum (2009) Acta Crystallographica Section B: Structural Science, 65 (3), pp. 401-402.	Scopus
717.	Studeniyak, I.P., Kranjčec, M., Koperlyos, B.M.	On the Urbach rule in SbSI ferroelectric crystal (2009) Ukrainian Journal of Physical Optics, 10 (2), pp. 61-70.	Scopus
718.	Balogh, I.S., Ruschak, M., Andruch, V., Billes, F.	Determination of Cu(III) in semiconductor ceramics using Cationic Violet reagent (2009) Microchimica Acta, 166 (1-2), pp. 145-150.	Scopus
719.	Chuchman, M.P., Shuaibov, A.K.	Time evolution of the laser-produced antimony plasma plume parameters (2009) Physica Scripta, 79 (3), с т а т ь я №.035504, .	Scopus
720.	Wakayama, Y., Okamoto, A., Shimayabu, K., Kojima, Y., Grabar, A.A.	Photorefractive splicing device with double phase conjugate mirror using Sn₂P₂S₆:Sb crystal (2009) Proceedings of SPIE - The International Society for Optical Engineering, 7212, с т а т ь я №. 72120Q, .	Scopus

721.	Bondar', I.I., Suran, V.V.	Effect of an additionally induced polarization of the ground state of an atom on multiphoton transitions (2009) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 106 (5), pp. 633-636.	Scopus
722.	Bondar', I.I., Suran, V.V.	Multiphoton resonant transitions in atomic Ba in the presence of additional strong off-resonant radiation (2009) Laser Physics, 19 (5), pp. 980-983.	Scopus
723.	Vysochanskii, Y.M., Baltrunas, D., Grabar, A.A., Mazeika, K., Fedyo, K., Sudavicius, A.	Mössbauer¹¹⁹Sn and XPS spectroscopy of Sn₂P₂S₆ and SnP₂S₆ crystals (2009) Physica Status Solidi (B) Basic Research, 246 (5), pp. 1110-1117.	Scopus
724.	Zatsarinny, O., Bartschat, K., Gedeon, S., Gedeon, V., Lazur, V., Nagy, E.	Cross sections for electron scattering from magnesium (2009) Physical Review A - Atomic, Molecular, and Optical Physics, 79 (5), с т а т ь я №.052709, .	Scopus
725.	Kormosh, Z., Hunka, I., Bazel, Y.	Potentiometric sensor for the indomethacin determination (2009) Materials Science and Engineering C, 29 (3), pp. 1018-1022.	Scopus
726.	Kurochkin, O., Buchnev, O., Iljin, A., Park, S.K., Kwon, S.B., Grabar, O., Reznikov, Yu.	A colloid of ferroelectric nanoparticles in a cholesteric liquid crystal (2009) Journal of Optics A: Pure and Applied Optics, 11 (2), с т а т ь я №.024003, .	Scopus
727.	Shuaibov, A.K., Malinin, A.N.	Emission characteristics and parameters of gas-discharge plasma in mixtures of heavy inert gases with chlorine (2009) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 106 (4), pp. 499-504.	Scopus
728.	Pop, M.M., Shpak, I.I., Kozak, M.I., Semak, D.G.	Optical absorption and disorder in the As₄₀S₆₀ - xSe_xvitreous alloys (2009) Glass Physics and Chemistry, 35 (2), pp. 158-162.	Scopus
729.	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.	Scopus
730.	Orliukas, A.F., Kazakevicius, E., Kezionis, A., Salkus, T., Studenyak, I.P., Buchuk, R.Yu., Prits, I.P., Panko, V.V.	Preparation, electric conductivity and dielectric properties of Cu₆PS₅I-based superionic composites (2009) Solid State Ionics, 180 (2-3), pp. 183-186.	Scopus
731.	Shuaibov, A.K., Minya, A.I., Gomoki, Z.T., Laslov, G.E.	Emissivity of the pulsed capacitive discharge in helium-iodine and neon-iodine mixtures (2009) Technical Physics, 54 (1), pp. 146-150.	Scopus
732.	Lazur, V.Yu., Migalina, S.I., Reitii, A.K.	The quantum electrodynamic problem of two electrons (2009) Theoretical and Mathematical Physics, 158 (3), pp. 333-343.	Scopus
733.	Mosimann, R., Juvalta, F., Jazbinsek, M., Günter, P., Grabar, A.A.	Photorefractive waveguides in He⁺ implanted pure and Te-doped Sn₂P₂S₆ (2009) Journal of the Optical Society of America B: Optical Physics, 26 (3), pp. 444-449.	Scopus

734.	Bercha, A., Bohdan, R., Trzeciakowski, W., Dybała, F., Piechal, B., Bou Sanayeh, M., Reufer, M., Brick, P.	Pressure and temperature tuning of InGaP/AlGaInP laser diodes from red to yellow (2009) Physica Status Solidi (B) Basic Research, 246 (3), pp. 508-511.	Scopus
735.	Trzeciakowski, W., Dybala, F., Mrozowicz, M., Bercha, A., Piechal, B., Ostendorf, R., Gilly, J., Kelemen, M.T.	Pressure tuning of external-cavity tapered laser (2009) Physica Status Solidi (B) Basic Research, 246 (3), pp. 516-521.	Scopus
736.	Sidey, V.	Alternative presentation of the Brown-Wu bond-valence parameters for some s2 cation/O2- ion pairs (2009) Acta Crystallographica Section B: Structural Science, 65 (1), pp. 99-101.	Scopus
737.	Peresh, E.Yu., Sidei, V.I., Zubaka, O.V.	Systems based on A2TeC6(A = K, Rb, Cs, and Tl(I); C = Br and I) compounds with peritectic interactions (2009) Russian Journal of Inorganic Chemistry, 54 (2), pp. 315-318.	Scopus
738.	Bercha, A., Trzeciakowski, W., Opachko, I.I.	Temperature and external-cavity tuning of high-power GaAsP laser diode (2009) Physica Status Solidi (A) Applications and Materials Science, 206 (2), pp. 338-342.	Scopus
739.	Samulionis, V., Banys, J., Vysochanskii, Y.	Piezoelectric and elastic properties of layered materials of Cu(In,Cr)P2(S,Se)6system (2009) Journal of Electroceramics, 22 (1-3), pp. 192-197.	Scopus
740.	Mel'Nichenko, T.D., Fedelesh, V.I., Mel'Nichenko, T.N., Sanditov, D.S., Badmaev, S.S., Daminov, D.G.	On the approximate estimation of the surface tension of chalcogenide glass melts (2009) Glass Physics and Chemistry, 35 (1), pp. 32-42.	Scopus
741.	Rontó, M., Shchobak, N.	Parametrization for some boundary value problems of interpolation type (2009) Tatra Mountains Mathematical Publications, 43 (1), pp. 229-242.	Scopus
742.	Mikla, V.I., Mikla, V.V.	Structural transformations in amorphous AsxSe1-x(0 ≤ x ≤ 0.20) films (2009) Journal of Materials Science: Materials in Electronics, 20 (11), pp. 1095-1105.	Scopus
743.	Kranjčec, M., Studenyak, I.P., Kurik, M.V.	On the Urbach rule in non-crystalline solids (2009) Journal of Non-Crystalline Solids, 355 (1), pp. 54-57.	Scopus
744.	Kozak, M.I., Loya, V.Y., Golub, N.P., Onis'Ko, M.Y.	Mechanism of photoinduced nanodimensional expansion/contraction in glassy thin layers of As2S3 (2009) Theoretical and Experimental Chemistry, 45 (1), pp. 69-73.	Scopus
745.	Khlyntseva, S.V., Bazel', Ya.R., Vishnikin, A.B., Andruch, V.	Methods for the determination of adenosine triphosphate and other adenine nucleotides (2009) Journal of Analytical Chemistry, 64 (7), pp. 657-673.	Scopus
746.	Macutkevic, J., Banys, J., Vysochanskii, Y.	Broadband dielectric spectroscopy of CuInP 2Se 6 crystals (2009) Physica Status Solidi (A) Applications and Materials Science, 206 (1), pp. 167-172.	Scopus
747.	Kharkhalis, L.Yu., Shenderovskii, V.A., Sznajder, M., Bercha, D.M.	Dispersion law with a low-energy non-parabolicity for the charge carriers in the In4Se3crystal and related effects	Scopus

		(2009) Acta Physica Polonica A, 116 (5), pp. 952-953.	
748.	Bondar, I.I., Suran, V.V.	The multiphoton transitions in the presence of additional strong nonresonant radiation (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, с т а т ь я No. 4671864, pp. 282-284.	Scopus
749.	Maior, M.M., Motrja, S.F., Gurzan, M.I., Pritz, I.P., Vysochanskii, Yu.M.	Dipole glassy state in layered mixed crystals of Cu(In,Cr)P2 (S,Se) 6 system (2008) Ferroelectrics, 376 (1 PART 2), pp. 9-16.	Scopus
750.	Guranich, P.P., Slivka, A.G., Shusta, V.S., Gomonnai, O.O., Prits, I.P.	Optical and dielectric properties of CuInP2S6layered crystals at high hydrostatic pressure (2008) Journal of Physics: Conference Series, 121 (PART 2), с т а т ь я No. 022015, .	Scopus
751.	Shafranyosh, I.I., Sukhoviya, M.I., Shafranyosh, M.I., Shimon, L.L.	Formation of positive and negative ions of thymine molecules under the action of slow electrons (2008) Technical Physics, 53 (12), pp. 1536-1540.	Scopus
752.	Khoma, M.V., Karbovanets, O.M., Karbovanets, M.I., Buenker, R.J.	On the semiclassical approach in the theory of ion-diatomic exchange interaction: Its application to charge exchange reactions (2008) Physica Scripta, 78 (6), с т а т ь я No. 065201, .	Scopus
753.	Grabovaya, I.A., Shuaibov, A.K.	Characteristics of UV - VUV low pressure lamps with bromine and iodine vapors (2008) Light and Engineering, 16 (1), pp. 47-52.	Scopus
754.	Bercha, D.M., Kharkhalis, L.Y., Sznajder, M., Rushchanskii, K.Z., Slipukhina, I.V.	Consequences of low-energy non-parabolicity of the dispersion laws for physical parameters and manifestation of new effects in strongly anisotropic crystals (2008) Journal of Physical Studies, 12 (4), pp. 1-6.	Scopus
755.	Tyagur, Y., Tyagur, I.	Influence of high pressure on the electrical resistance of Sn2P2S6ferroelectric crystals (2008) High Pressure Research, 28 (4), pp. 607-614.	Scopus
756.	Shusta, V.S., Slivka, A.G., Gomonnai, O.O., Azhniuk, Y.M., Lopushansky, V.V.	Hydrostatic pressure effect on the optical spectra of glass-embedded CdS1-xSexnanocrystals (2008) Journal of Physics: Conference Series, 121 (PART 16), с т а т ь я No. 162001, .	Scopus
757.	Dybała, F., Bercha, A., Piechal, B., Trzeciakowski, W., Bohdan, R., Mrozowicz, M., Klehr, A., Ressel, P., Wenzel, H., Sumpf, B., Erbert, G.	Pressure and temperature tuning of an external cavity InGaAsP laser diode (2008) Semiconductor Science and Technology, 23 (12), с т а т ь я No. 125012, .	Scopus
758.	Mykaylo, O.A., Guranich, O.G., Rubish, V.M., Stefanovich, V.O., Shpyrko, G.M., Kaynts, D.I.	Influence of composition, exposure, thermal annealing and pressure on structure and optical properties of As-S-Se chalcogenide glasses and thin films (2008) Ferroelectrics, 372 (1 PART 2), pp. 81-86.	Scopus

759.	Kaynts, D.I., Shpak, A.P., Rubish, V.M., Mykaylo, O.A., Guranich, O.G., Shtets, P.P., Guranich, P.P.	Formation of ferroelectric nanostructures in (As ₂ S ₃) _{100-x} (SbSI) _x glassy matrix (2008) Ferroelectrics, 371 (1 PART 1), pp. 28-33.	Scopus
760.	Gamernyk, R.V., Gnatenko, Y.P., Slivka, A.G.	Optical and photoelectric spectroscopy defect of photorefractive Sn ₂ P ₂ S ₆ and (Sn,Pb) ₂ P ₂ S ₆ crystals (2008) Journal of Physical Studies, 12 (4), .	Scopus
761.	Goldmann, N., Slava, S., Makogon, Y., Orekhova, T., Dubouskaya, A.	Internationalization of SMEs in Ukraine (2008) Handbook of Research on European Business and Entrepreneurship: Towards a Theory of Internationalization, pp. 660-681.	Scopus
762.	Grigas, J., Talik, E., Lazauskas, V., Vysochanskii, Y.M., Yevych, R., Adamiec, M., Nelkinas, V.	XPS and electronic structure of ferroelectric sn ₂ p 2s ₆ crystals (2008) Lithuanian Journal of Physics, 48 (2), pp. 145-154	Scopus
763.	Gomonnai, O.O., Guranich, P.P., Rigan, M.Y., Roman, I.Y., Slivka, A.G.	Effect of hydrostatic pressure on phase transitions in ferroelectric TIInS ₂ (2008) High Pressure Research, 28 (4), pp. 615-619.	Scopus
764.	Krupych, O., Adamenko, D., Mys, O., Grabar, A., Vlokh, R.	Faraday effect in SnSnPPSS crystals (2008) Applied Optics, 47 (32), pp. 6040-6045.	Scopus
765.	Pahiry, M.M.	Evaluation of the remainder term for the Thiele interpolation continued fraction (2008) Ukrainian Mathematical Journal, 60 (11), pp. 1813-1822.	Scopus
766.	Shuaibov, A.K., Grabovaya, I.A., Minya, A.Ī., Gomoki, Z.T.	Emission characteristics of a discharge iodine vapor plasma in the spectral region of the main absorption maximum of DNA molecules (2008) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 105 (5), pp. 686-690.	Scopus
767.	Shpak, I.I., Rosola, I.I., Evich, R.M., Perechinski, S.I., Vysochanski, Yu.M.	Raleigh and Mandelshtam-Brillouin light scattering in chalcogenide glasses of the (As ₂ S ₃) _x I _{1-x} system (2008) Journal of Applied Spectroscopy, 75 (6), pp. 815-819.	Scopus
768.	Trunov, M.L., Bilanich, V.S., Dub, S.N.	Investigation of the photoplastic effect in vitreous semiconductors by cyclic nanoindentation (2008) Physics of the Solid State, 50 (11), pp. 2062-2068.	Scopus
769.	Gerzanich, E.I.	Optical properties of A ₂ IVB ₂ VC ₆ VI ferroelectrics-semiconductors: The effect of temperature and hydrostatic pressure (2008) Ukrainian Journal of Physical Optics, 9 (3), pp. 129-163.	Scopus
770.	Brila, A.Yu.	Attainability of optimal solutions to a linear problem of multicriterion optimization with respect to the weighed sum of variously important and transitively subordinated criteria (2008) Cybernetics and Systems Analysis, 44 (5), pp. 745-748.	Scopus
771.	Bohdan, R., Bercha, A., Trzeciakowski, W., Dybała, F., Piechal, B., Sanayeh, M.B., Reufer, M., Brick,	Yellow AlGaInP/InGaP laser diodes achieved by pressure and temperature tuning	Scopus

	P.	(2008) Journal of Applied Physics, 104 (6), с т а т ь я №.063105, .	
772.	Yeveych, R.M., Vysochanskii, Yu.M.	The second order phase transition in Sn₂P₂S₆ crystals: Anharmonic oscillator model (2008) Condensed Matter Physics, 11 (3), pp. 417-423.	Scopus
773.	Slivka, A.G., Kedyulich, V.M., Guyvan, H.M.	External field effect on the anisotropy of dielectric permeability of KH₂PO₄ and NaKC₄H₄O₆ · 4H₂O crystals under high pressure (2008) Condensed Matter Physics, 11 (3), pp. 571-581.	Scopus
774.	Grigas, J., Talik, E., Lazauskas, V., Vysochanskii, Yu.M., Yeveych, R., Adamiec, M., Nelkinas, V.	X-ray photoelectron spectroscopy of Sn₂P₂S₆ crystals (2008) Condensed Matter Physics, 11 (3), pp. 473-482.	Scopus
775.	Shuaibov, A.K., Shevera, I.V., Malinina, A.A.	Characteristics and plasma parameters of a short-wavelength low-pressure discharge lamp (2008) Technical Physics Letters, 34 (10), pp. 874-877.	Scopus
776.	Marushka, V.I., Fedorko, R.A., Shafranyosh, I.I.	The formation of negative ions upon interaction of electrons with metastable magnesium atoms (2008) High Temperature, 46 (5), pp. 725-727.	Scopus
777.	Halász, J.L., Chonka, I., Tóth, M.D., Boyko, N., Balázsy, S.	Microorganism and enzyme activities in the soil of landfill sites of Bereg county (2008) Archives of Agronomy and Soil Science, 54 (5), pp. 465-479.	Scopus
778.	Perestyuk, M.O., Baloha, S.I.	Existence of an invariant torus for one class of systems of differential equations (2008) Nonlinear Oscillations, 11 (4), pp. 548-558.	Scopus
779.	Mosimann, R., Marty, P., Jazbinsek, M., Günter, P., Grabar, A.A.	Photorefractive two-wave mixing in Sn₂P₂S₆:6:Te at 1.55 μm (2008) 2008 Conference on Quantum Electronics and Laser Science Conference on Lasers and Electro-Optics, CLEO/QELS, с т а т ь я №. 4551123, .	Scopus
780.	Khoma, M.V., Imai, M., Karbovanets, O.M., Kikuchi, Y., Saito, M., Haruyama, Y., Karbovanets, M.I., Kretinin, I.Yu., Itoh, A., Buenker, R.J.	A simple theoretical approach of charge transfer processes in collisions of atomic ions with polar targets (2008) Chemical Physics, 352 (1-3), pp. 142-146.	Scopus
781.	Lintur, M.I., Prikhodko, M.V., Dashchenko, A.I., Markovich, L.M., Sharodi, I.S.	Absolute photon yield from silicon surface under electron and ion irradiation (2008) Bulletin of the Russian Academy of Sciences: Physics, 72 (7), pp. 906-909.	Scopus
782.	Drobnich, V.G., Okhrimenko, S.V., Pop, S.S.	Ion-induced photon emission: Neutralization mechanism of surface plasmon excitation (2008) Bulletin of the Russian Academy of Sciences: Physics, 72 (7), pp. 919-924.	Scopus
783.	Chuchman, M.P., Shuaibov, A.K.	How self-absorption in the erosion laser plasma of Ge, In, Pb, Ga, and Cu affects its spectral	Scopus

	characteristics (2008) Journal of Optical Technology (A Translation of Opticheski Zhurnal), 75 (9), pp. 541-545.		
784.	Shuaibov, A.K., Minya, A.J., Gomoki, Z.T., Laslov, G.E. UV emission from capacitive discharge in inert gas-iodine vapor mixture (2008) Technical Physics Letters, 34 (9), pp. 765-767.		Scopus
785.	Shuaibov, A.K., Minya, A.J., Gomoki, Z.T., Laslov, G.E. UV emission from capacitive discharge in inert gas-iodine vapor mixture (2008) Technical Physics Letters, 34 (9), pp. 765-767.		Scopus
786.	Kukhtarev, N., Kukhtareva, T., Land, P., Wang, J.C., Murray, T., Gnatenko, Yu.P., Faryna, I.O., Bukivskij, P.M., Shigiltchoff, O.A., Grabar, A.	Dynamic holographic interferometry in IR and visible range in semiconductor crystals for acoustical sensing (modeling and experimental realization) (2008) Proceedings of SPIE - The International Society for Optical Engineering, 7003, с т а т ь я №.70030Z, .	Scopus
787.	Sidey, V.	On the correlations between the polyhedron eccentricity parameters and the bond-valence sums for the cations with one lone electron pair (2008) Acta Crystallographica Section B: Structural Science, 64 (4), pp. 515-518.	Scopus
788.	Yal'ch, A.P., Mitropol'Skii, I.E., Buksar, V.S., Markovich, L.M., Pop, S.S.	Photon emission under bombardment of ruby by ions and electrons of medium energies (2008) Journal of Surface Investigation, 2 (4), pp. 577-581.	Scopus
789.	Sznajder, M., Bercha, D.M., Kharkhalis, L.Yu.	The band structure of a layered Hg₃TeCl₄ crystal formed by energy states of HgCl₂ and HgTe crystals (2008) Physica Status Solidi (B) Basic Research, 245 (8), pp. 1571-1579.	Scopus
790.	Motsnyi, F.V., Smolanka, O.M., Peresh, E.Yu., Virko, S.V., Dorogan, V.G.	Change of exciton-phonon interaction in layered ferroelastic crystals (Cs₃Bi₂I₉) (2008) Physica B: Condensed Matter, 403 (17), pp. 2838-2841.	Scopus
791.	Macutkevici, J., Banys, J., Grigalaitis, R., Vysochanskii, Yu.	Asymmetric phase diagram of mixed CuInP₂ (S_x Se_{1-x})₆ crystals (2008) Physical Review B - Condensed Matter and Materials Physics, 78 (6), с т а т ь я №.064101, .	Scopus
792.	Korposh, S.O., Sharkan, Y.P., Sichka, M.Y., Yang, D.-H., Lee, S.-W., Ramsden, J.J.	Matrix influence on the optical response of composite bacteriorhodopsin films to ammonia (2008) Sensors and Actuators, B: Chemical, 133 (1), pp. 281-290.	Scopus
793.	Malinina, A.A., Malinin, A.N.	Efficiency of quenching of the B 2 Σ 1 2/+ state of mercury monoiodide and monobromide by mercury dihalides in gas-discharge plasma in multicomponent mixtures of an exciplex radiation source (2008) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 105 (1), pp. 32-37.	Scopus

794.	Onysko, M.Yu., Svalyavin, O.V., Turov, A.V., Lendel, V.G.	Synthesis and halogenation of propargyl pyrazolo-[3,4-d]pyrimidine thioether (2008) Chemistry of Heterocyclic Compounds, 44 (7), pp. 872-875.	Scopus
795.	Marynets', V.V., Pyt'ovka, O.Y.	On one approach to the investigation of problems with parameters in boundary conditions (2008) Nonlinear Oscillations, 11 (3), pp. 365-383.	Scopus
796.	Kalantaridis, C., Slava, S., Vassilev, I.	Global networks and the reorganization of production in the clothing industry of post-socialist Ukraine (2008) Global Networks, 8 (3), pp. 308-328.	Scopus
797.	Kormosh, Z., Hunka, I., Bazel, Y.	Preparation and characterization of a diclofenac sensitive electrode based on a PVC matrix membrane (2008) Acta Chimica Slovenica, 55 (2), pp. 261-267.	Scopus
798.	Levitskii, R.R., Moina, A.P., Andrusyk, A.Ya., Slivka, A.G., Kedyulich, V.M.	The study of the hydrostatic pressure effect on the thermodynamic properties of the Rochelle salt NaKC4H4O6 · 4H2O (2008) Journal of Physical Studies, 12 (2), pp. 26031-260311.	Scopus
799.	Shuaibov, A.K., General, A.A., Kel'man, V.A., Shevera, I.V.	The emission characteristics of low-pressure water vapor discharge UV emitters (2008) Technical Physics Letters, 34 (7), pp. 588-590.	Scopus
800.	Holomb, R., Martinelli, A., Albinsson, I., Lassègues, J.C., Johansson, P., Jacobsson, P.	Ionic liquid structure: The conformational isomerism in 1-butyl-3-methyl-imidazolium tetrafluoroborate ([bmim][BF4]) (2008) Journal of Raman Spectroscopy, 39 (7), pp. 793-805.	Scopus
801.	Malakhovskaya-Rosokha, T.A., Sabov, M.Yu., Barchii, I.E., Peresh, E.Yu.	Phase equilibria in quasi-binary sections of the Ti-Sn-S system (2011) Russian Journal of Inorganic Chemistry, 56 (1), pp. 118-123	Scopus
802.	Mazur, V.M., Symochko, D.M., Bigan, Z.M., Poltorzhyska, T.V., Derechkey, P.S.	Cross section of the (γ n)reaction for ^{116}Cd nucleus in the region of giant E1-resonance (2011) Ukrainian Journal of Physics, 56 (5), pp. 443-446.	Scopus
803.	Glotov, S., Petrenko, A., Mateleshko, A.	Rove beetles of the genus Gyrophaena (Coleoptera, Staphylinidae, Aleocharinae) of Ukraine (2011) Vestnik Zoologii, 45 (2), pp. e8-e24	Scopus
804.	Studenyyak, I.P., Buchuk, R.Y., Kranjčec, M., Makauz, I.I., Voynarovych, I.M., Charnovich, I., Daroczi, L., Kökényesi, S.	Structural, electrical, and optical properties of As2S3-Cu6PS5I nanocomposites (2011) Journal of Non-Crystalline Solids, 357 (1), pp. 96-99.	Scopus
805.	Wakayama, Y., Okamoto, A., Grabar, A.A., Sato, K.	Optical interconnection between different spatial modes using double phase conjugate mirror with polarization alignment system (2011) Optical Review, 18 (1), pp. 117-123.	Scopus
806.	Tomašovičova, N., Mitroova, Z., Kovalchuk, O., Tomčo, L., Gornitska, O., Bykov, V., Kovalchuk, T., Studenyyak, I., Kopčansky, P.	Morphology and dielectric properties of polymer dispersed liquid crystals with magnetic nanoparticles	Scopus

		(2011) NANOCON 2011 - Conference Proceedings, 3rd International Conference, pp. 559-564.	
807.	Vladimir, K., Gennadiy, B., Inna, L.	Rare and protected plant species of the Uzhansky National Nature Park (Transcarpathia, Ukraine) (2010) Thaiszia Journal of Botany, 20 (2), pp. 115-125.	Scopus
808.	Bondar, I.I., Suran, V.V.	Experimental investigations of influence of additionally induced polarization of the ground state of atoms on multiphoton transitions (2010) Conference Proceedings - 5th International Conference on Advanced Optoelectronics and Lasers, CAOL' 2010, с т а т ь я №. 5634212, pp. 196-198.	Scopus
809.	Jenkovszky, L.L., Nagy, A., Troshin, S.M., Turóci, J., Tyurin, N.E.	Critical phenomena in deep inelastic scattering (2010) International Journal of Modern Physics A, 25 (31), pp. 5667-5682.	Scopus
810.	Korol', I.I.	Numerical-analytic method for the investigation of boundary-value problems for semilinear systems of differential equations (2010) Nonlinear Oscillations, 13 (1), pp. 45-56.	Scopus
811.	Karbovanets, O.M., Karbovanets, M.I., Lazur, V.Y., Khoma, M.V.	The surface integral method in the theory of exchange interaction of a polar molecule with a highly charged ion (2010) Journal of Physical Studies, 14 (4)	Scopus
812.	Studenyyak, I.P., Izai, V.Y., Stefanovich, V.O., Pan'ko, V.V., Kus, P., Plecenik, A.	Influence of ion ilantation on the phase transitions in Cu6PSSl superionic conductors (2010) Functional Materials, 17 (1), pp. 70-74.	Scopus
813.	Samulionis, V., Banys, J., Macutkevici, J., Vysochanskii, Y.	Dielectric and ultrasonic spectroscopy of quasi two-dimensional CuInP2(SxSe1-x)6 mixed crystals (2010) Handbook of Material Science Research, pp. 213-269.	Scopus
814.	Bletskan, D.I., Kabatsii, V.N., Kranjčec, M.	Photoelectric properties of ordered-vacancy Ga2Se3single crystals (2010) Inorganic Materials, 46 (12), pp. 1290-1295.	Scopus
815.	Slava, S., Condrey, S.E.	Public management and community in rethinking and structuring sustainability: A two-city (USA and Ukraine) comparative analysis (2010) International Journal of Sustainable Development, 13 (3), pp. 243-266.	Scopus
816.	Farahi, S., Montemezzani, G., Grabar, A.A., Huignard, J.-P., Ramaz, F.	Photorefractive SPS acousto optic imaging in thick diffusing media at 790nm (2010) 2010 Photonics Global Conference, PGC 2010, с т а т ь я №. 5706059	Scopus
817.	Okamoto, A., Soma, D., Wakayama, Y., Tomita, A., Sato, K., Grabar, A.A.	Experiment on dynamic reconfigurable diffraction element for mode division multiplex communication (2010) Technical Digest - 15th OptoElectronics and Communications Conference, OECC2010, с т а т ь я №. 5588020, pp. 302-303.	Scopus

818.	Martynyuk-Lototska, I., Mys, O., Zapeka, B., Grabar, A., Vlokh, R.	Acoustic wave velocities and elastic properties of Sn ₂ P ₂ (Se _{0.28} S _{0.72}) ₆ solid solutions (2010) Philosophical Magazine, 90 (33), pp. 4349-4359.	Scopus
819.	Studeniyak, I.P., Kranjčec, M., Bilanchuk, V.V., Kokhan, O.P., Orliukas, A.F., Kezionis, A., Kazakevicius, E., Salkus, T.	Temperature and compositional behaviour of electrical conductivity and optical absorption edge in Cu ₇ Ge(S _{1-X} Se _X) ₅ I mixed superionic crystals (2010) Solid State Ionics, 181 (35-36), pp. 1596-1600	Scopus
820.	Lazur, V.Y., Pavlyk, O.F., Reity, O.K.	The problem of two electrons within the third order of the quantum electrodynamics (2010) Journal of Physical Studies, 14 (3)	Scopus
821.	Bletskan, D.I., Frolova, V.V., Glukhov, K.E.	Electronic structure of 18R-SnS ₂ crystal (2010) Journal of Optoelectronics and Advanced Materials, 12 (11), pp. 2236-2241	Scopus
822.	Shuaibov, A.K., Gomoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Radiative characteristics and kinetics of processes in low-pressure gas-discharge lamps based on a mixture of helium and iodine vapors (2010) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 109 (5), pp. 669-673.	Scopus
823.	Pahiryia, M.M., Katsala, R.A.	Properties of reciprocal derivatives (2010) Ukrainian Mathematical Journal, 62 (5), pp. 816-823.	Scopus
824.	Antal, I., Kormosh, Z., Bazel, Y., Lysenko, S., Kormosh, N.	Design of a Vitamin B ₁ -Selective Electrode Based on an Ion-Pair and Its Application to Pharmaceutical Analysis (2010) Electroanalysis, 22 (22), pp. 2714-2719.	Scopus
825.	Lazur, V.Yu., Myhalyna, S.I., Reity, O.K.	The generalized breit operator of a long-range type in the framework of the second-order effects of quantum electrodynamics (2010) International Journal of Modern Physics A, 25 (25), pp. 4775-4800	Scopus
826.	Lazur, V.Y., Pavlyk, O.F., Reity, A.K.	The relativistic operator of interaction of two quasimolecular electrons as a third-order effect of quantum electrodynamics (2010) Theoretical and Mathematical Physics, 165 (1), pp. 1293-1314.	Scopus
827.	Guivan, M.M., Guyvan, A.M.	Characterization of a white-colour DBD-driven cadmium bromide exciplex lamp (2010) Plasma Sources Science and Technology, 19 (5), с т а т ь я №. 055014	Scopus
828.	Malinina, A.A., Guivan, N.N., Shimon, L.L., Shuaibov, A.K.	Optical characteristics and parameters of the plasma of a barrier discharge excited in a mixture of mercury dibromide vapor with nitrogen and helium (2010) Plasma Physics Reports, 36 (9), pp. 803-811.	Scopus
829.	Norman, J., Bathori-Tartsi, Z.	Improvisational international research: Seeking to help children in ukrainian orphanages sooner than later	Scopus

		(2010) Families in Society, 91 (4), pp. 421-425.	
830.	Norman, J., Bathori-Tartsi, Z.	Improvisational international research: Seeking to help children in ukrainian orphanages sooner than later (2010) Families in Society, 91 (4), pp. 421-425.	Scopus
831.	Norman, J., Bathori-Tartsi, Z.	Improvisational international research: Seeking to help children in ukrainian orphanages sooner than later (2010) Families in Society, 91 (4), pp. 421-425.	Scopus
832.	Kostruba, A., Kobec, A.P., Grabar, A.A., Vlokh, R.	Study of planar waveguide structure of He⁺ ion-implanted Sn₂P₂S₆ crystal with multiple-angle-of-incidence ellipsometry technique (2010) Ukrainian Journal of Physical Optics, 11 (3), pp. 165-174.	Scopus
833.	Mitsa, V., Ivanda, M., Holomb, R.	Comparing nature of low frequency vibration of As_nSm nanoclusters in bulk glasses and clusters incorporated in dielectric matrixes (2010) MIPRO 2010 - 33rd International Convention on Information and Communication Technology, Electronics and Microelectronics, Proceedings, с т а т ь я №. 5533704, pp. 6-7	Scopus
834.	Kudak, V.I., Klimik, V.U., Epishev, V.P.	Evaluation of disturbances from solar radiation in orbital elements of geosynchronous satellites based on harmonics (2010) Astrophysical Bulletin, 65 (3), pp. 300-310.	Scopus
835.	Fedoriko, R.A., Snegurskaya, T.A., Margitich, N.A., Shafranyosh, I.I.	The excitation cross section of cadmium atoms from metastable 5s5p 3P₀, 2 states by electron impact (2010) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 109 (3), pp. 325-329.	Scopus
836.	Mikla, V.I., Mikla, V.V.	Molecular structure of Se-rich amorphous films (2010) Journal of Optoelectronics and Advanced Materials, 12 (9), pp. 1827-1839	Scopus
837.	Kormosh, Z., Hunka, I., Bazel, Y., Matviychuk, O.	Potentiometric determination of ketoprofen and piroxicam at a new PVC electrode based on ion associates of Rhodamine 6G (2010) Materials Science and Engineering C, 30 (7), pp. 997-1002.	Scopus
838.	Shuaibov, A.K., Minya, A.I., Gomoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Ultraviolet gas-discharge lamp on iodine molecules (2010) Technical Physics, 55 (8), pp. 1222-1225.	Scopus
839.	Kohutych, A., Yevych, R., Perechinskii, S., Samulionis, V., Banys, J., Vysochanskii, Yu.	Sound behavior near the Lifshitz point in proper ferroelectrics (2010) Physical Review B - Condensed Matter and Materials Physics, 82 (5), с т а т ь я №. 054101	Scopus

840.	Lazur, V.Y., Rubish, V.V., Reity, O.K.	The relativistic quasiclassical theory of tunneling ionization in an external scalar and vector fields (2010) Journal of Physical Studies, 14 (1)	Scopus
841.	Bokhinuk, V.S., Bigan, Z.M., Parlag, O.M., Sokoluk, I.V., Symochko, D.M., Marynets, T.J.	Excitation of 117In in $1/2$-isomeric state in (γ p) reactions (2010) Journal of Physical Studies, 14 (1)	Scopus
842.	Guivan, M.M., Kamikozawa, T., Kurokawa, H., Motomura, H., Kadowaki, K., Jinno, M.	Comparative inactivation of <i>Bacillus subtilis</i> spores using a DBD-driven xenon iodide excilamp and a conventional mercury lamp (2010) IEEE Transactions on Plasma Science, 38 (8 PART 2), с т а т ь я No. 5452997, pp. 1972-1977	Scopus
843.	Dziaugys, A., Banys, J., MacÚtkevic, J., Sobiestianskas, R., Vysochanskii, Y.	Dipolar glass phase in ferroelectrics: CuInP 2S 6 and $\text{Ag 0.1Cu 0.9InP 2S 6}$ crystals (2010) Physica Status Solidi (A)	Scopus
844.	Vysochanskii, Yu.M., Kohutyck, A.A., Kityk, A.V., Zadorozhna, A.V., Khoma, M.M., Grabar, A.A.	Tricritical behavior of Sn2P2S6 ferroelectrics at hydrostatic pressure (2010) Ferroelectrics, 399 (1), pp. 83-88.	Scopus
845.	Trunov, M.L., Lytvyn, P.M., Dyachyns'Ka, O.M.	Alternating matter motion in photoinduced mass transport driven and enhanced by light polarization in amorphous chalcogenide films (2010) Applied Physics Letters, 97 (3), с т а т ь я No. 031905	Scopus
846.	Chobal', A.I., Rizak, I.M., Grebenyuk, A.G., Rizak, V.M.	Electronic and spatial structure of nanoclusters of Sn2P2S6 ferroelectric crystals (2010) Physics of the Solid State, 52 (7), pp. 1468-1474	Scopus
847.	Studenyyak, I.P., Izai, V.Y., Stefanovich, V.O., Panko, V.V., Kúš, P., Plecenik, A.	On the Urbach rule in sulphur-implanted Cu6PS5I superionic conductors (2010) Journal of Physics and Chemistry of Solids, 71 (7), pp. 988-992	Scopus
848.	Lazur, V.Yu., Reity, O.K., Rubish, V.V.	Spherical model of the stark effect in external scalar and vector fields (2010) International Journal of Modern Physics A, 25 (16), pp. 3235-3259	Scopus
849.	Lazur, V.Yu., Myhalyna, S.I., Reity, O.K.	Interaction of two quasimolecular electrons via the field of virtual photons as a second-order effect of quantum electrodynamics (2010) Physical Review A - Atomic, Molecular, and Optical Physics, 81 (6), с т а т ь я No. 062707	Scopus
850.	Shpak, A.P., Rubish, V.M., Mykaylo, O.A., Kaynts, D.I., Guranich, O.G., Rosul, R.R.	Optical properties and local structure of $(\text{As}_2\text{S}_3)_{100-x}(\text{SbSI})_x$ glasses (2010) Ukrainian Journal of Physical Optics, 11 (2), pp. 107-113.	Scopus
851.	Sidey, V.	On the accurate bond-valence parameters for the $\text{Sb}^{3+}/\text{O}^{2-}$ ion pair (2010) Acta Crystallographica Section B: Structural Science, 66 (3), pp. 307-314	Scopus
852.	Prospero, S., Jung, E., Tsykun, T., Rigling, D.	Eight microsatellite markers for <i>Armillaria cepistipes</i> and their transferability to other <i>Armillaria</i> species (2010) European Journal of Plant Pathology, 127 (2), pp. 165-170.	Scopus

853.	Farahi, S., Montemezzani, G., Grabar, A.A., Huignard, J.-P., Ramaz, F.	Photorefractive acousto-optic imaging in thick scattering media at 790 nm with a Sn₂P₂S₆:Te crystal (2010) Optics Letters, 35 (11), pp. 1798-1800.	Scopus
854.	Trunov, M., Takats, V., Csarnovics, I., Cserhati, C., Csik, A., Kokenyesi, S.	Laser and e-beam generated micro-nanostructures on the surface of amorphous chalcogenide layers (2010) TMS Annual Meeting, 2, pp. 641-647.	Scopus
855.	Holomb, R., Mitsa, V., Johanssonand, P., Veres, M.	Boson peak in low-frequency Raman spectra of As_xS_{100-x}glasses: Nanocluster contribution (2010) Physica Status Solidi (C) Current Topics in Solid State Physics, 7 (3-4), pp. 885-888.	Scopus
856.	Kondrat, O., Popovich, N., Holomb, R., Mitsa, V., Petrachenkov, O., Koós, M., Veres, M.	Ab initio calculations and the effect of atomic substitution in the Raman spectra of As(Sb,Bi)₂S₃films (2010) Physica Status Solidi (C) Current Topics in Solid State Physics, 7 (3-4), pp. 893-896.	Scopus
857.	Morozovska, A.N., Eliseev, E.A., Wang, J., Svechnikov, G.S., Vysochanskii, Y.M., Gopalan, V., Chen, L.-Q.	Phase diagram and domain splitting in thin ferroelectric films with incommensurate phase (2010) Physical Review B - Condensed Matter and Materials Physics, 81 (19), с т а т ь я No. 195437	Scopus
858.	Trunov, M., Lytvyn, P., Nagy, P.M., Cserhati, Cs., Charnovich, I., Kokenyesi, S.	Direct surface relief formation in As-S(Se) layers (2010) Proceedings of SPIE - The International Society for Optical Engineering, 7598, с т а т ь я No. 75981H	Scopus
859.	Shuaibov, A.K., Chygin, V.I., Shimon, L.L., Shevera, I.V., Gorun, P.P., Obukhovskii, R.O.	Emission characteristics and electron kinetic coefficients of the plasma of a transverse volume discharge initiated in a mixture of heavy inert gases with chlorine molecules (2010) Technical Physics, 55 (5), pp. 679-685.	Scopus
860.	Lazur, V.Yu., Reity, O.K., Pavlyk, O.F.	The generalized Breit operator of the interaction between two quasimolecular electrons in the framework of the third-order effects of quantum electrodynamics (2010) Journal of Physics A: Mathematical and Theoretical, 43 (17), с т а т ь я No. 175208	Scopus
861.	Trunov, M.L., Lytvyn, P.M., Nagy, P.M., Dyachyns'Ka, O.M.	Real-time atomic force microscopy imaging of photoinduced surface deformation in As_xSe_{100-x}chalcogenide films (2010) Applied Physics Letters, 96 (11), с т а т ь я No. 111908	Scopus
862.	Vishnikin, A.B., Svinarenko, T.Ye., Sklenářová, H., Solich, P., Bazel, Y.R., Andruch, V.	11-Molybdothiophosphate-A new reagent for the determination of ascorbic acid in batch and sequential injection systems (2010) Talanta, 80 (5), pp. 1838-1845	Scopus
863.	Kohutych, A.A., Yevych, R.M., Perechinskii, S.I., Vysochanskii, Y.M.	Acoustic attenuation in ferroelectric Sn₂P₂S₆crystals (2010) Central European Journal of Physics, 8 (6), pp. 905-914	Scopus

864.	Sidey, V.I., Milyan, P.M., Semrad, O.O.	X-ray Rietveld structure refinement of Sb₃O_{6.5} (2010) Journal of Alloys and Compounds, 490 (1-2), pp. 598-601	Scopus
865.	Glukhov, K.E., Tovstyuk, N.K.	Elementary energy bands concept, band structure, and peculiarities of bonding in β-InSe crystal (2010) Physica Status Solidi (B) Basic Research, 247 (2), pp. 318-324.	Scopus
866.	Say, A., Mys, O., Adamenko, D., Grabar, A., Vysochanskii, Y., Kityk, A., Vlokh, R.	Critical exponents of phase transition in ferroelectric Sn₂P₂S₆: Comparison of optical and dilatometric data (2010) Phase Transitions, 83 (2), pp. 123-139	Scopus
867.	Pop, M.M., Malets, M.O., Shpak, I.I., Semak, D.G.	Electron-induced changes of optico-refractometric parameters of glassy alloys of the Sb₂S₃-GeS₂ system (2010) Ukrainian Journal of Physics, 55 (8), pp. 911-914	Scopus
868.	Guivan, M.M., Malinina, A.A., Guyvan, H.M.	Multi-wavelength mode of dielectric barrier discharge operated with the mercury bromide/rare gases mixtures (2010) HAKONE 2010 - 12th International Symposium on High Pressure Low Temperature Plasma Chemistry, pp. 332-335.	Scopus
869.	Sabov, M.Yu., Sevryukov, D.V., Galagovets, I.V., Betsa, V.V., Peresh, E.Yu.	Effect of nonstoichiometry on the thermoelectric properties of Ti₄TiS₄crystals (2010) Inorganic Materials, 46 (1), pp. 11-13	Scopus
870.	Popovych, K.P., Puga, P.P., Maslyuk, V.T., Kraslyynec, V.M., Holovey, V.M., Puga, G.D.	X-Ray luminescence of crystallized silver, Copper and manganese-Doped lithium tetraborate (2010) Acta Physica Polonica A, 117 (1), pp. 174-176.	Scopus
871.	Kopčanský, P., Koval'Chuk, A., Gornitska, O., Vovk, V., Kovarehuk, T., Tomašovičová, N., Koneřáková, M., Timko, M., Zavišová, V., Jadzyn, J., Éber, N., Studenyak, I.	Dielectric spectroscopy of liquid crystal doped with Fe₃O₄Nanoparticles (2010) Physics Procedia, 9, pp. 36-40.	Scopus
872.	Zhiguts, Yu.Yu.	Synthesis and properties of cast carbide alloys (2009) Metal Science and Heat Treatment, 51 (3-4), pp. 127-130.	Scopus
873.	Zatsarinny, O., Bartschat, K., Gedeon, S., Gedeon, V., Lazur, V., Nagy, E.	Cross sections for electron scattering from magnesium (2009) Journal of Physics: Conference Series, 194 (4), с т а т ь я No. 042029	Scopus
874.	Kohutych, A.A., Yevych, R.M., Perechinskii, S.I., Vysochanskii, Yu.M.	Hypersound waves near the Lifshitz point in Sn₂P₂(SexS_{1-x})₆ferroelectrics (2009) Ferroelectrics, 379 (1 PART 2), pp. 151-156.	Scopus
875.	Vysochanskii, Yu., Kohutych, A., Yevych, R., Perechinskii, S.	Anharmonicity of Sn₂P₂S₆ ferroelectrics (2009) AIP Conference Proceedings, 1198, pp. 209-215.	Scopus
876.	Takabayashi, M., Okamoto, A., Kojima, Y., Grabar, A.A.	High speed phase detection for holographic data storage by photorefractive time-domain differential detection with Sb: Sn₂P₂S₆ crystal (2009) 2009 International Conference on Photonics in Switching, PS '09, с т а т ь я No. 5307783	Scopus

877.	Kobets, M.I., Dergachev, K.G., Gnatchenko, S.L., Khats'ko, E.N., Vysochanskii, Yu.M., Gurzan, M.I.	Antiferromagnetic resonance in Mn₂P₂S₆ (2009) Low Temperature Physics, 35 (12), pp. 930-934	Scopus
878.	Kojima, Y., Okamoto, A., Grabar, A.A., Takabayashi, M., Shimayabu, K.	Experiments on double phase conjugate mirror with a photorefractive Sb:Sn₂P₂S₆ crystal (2009) Ferroelectrics, 378 (1 PART 1), pp. 121-128.	Scopus
879.	Mys, O., Martynyuk-Lototska, I., Grabar, A., Vlokh, R.	Acoustic and elastic properties of Sn₂P₂S₆ crystals (2009) Journal of Physics Condensed Matter, 21 (26), с т а т ь я №. 265401	Scopus
880.	Pahirya, M.M., Katsala, R.A.	Equivalence of two methods for construction of regular continued C-fractions (2009) Ukrainian Mathematical Journal, 61 (7), pp. 1192-1198	Scopus
881.	Kricsfalusy, V., Mihály, A.	Flora and vegetation of the Bodrog catchment area (International expedition to the Upper Tisza region) (2009) Thaiszia Journal of Botany, 19 (SUPPL. 1), pp. 135-151	Scopus
882.	Mitsa, V., Sikora, S., Ivanda, M.	DC electroluminescent ZnS:M,Cu powder panels with chalcogenide glass intermediate layer (2009) MIPRO 2009 - 32nd International Convention Proceedings: Microelectronics, Electronics and Electronic Technology, MEET and Grid and Visualizations Systems, GVS, 1, pp. 62-64.	Scopus
883.	Samulionis, V., Banys, J., Studenyak, I.P., Panko, V.V.	Ultrasonic and piezoelectric investigations of phase transitions in ferroelastic Cu₆PS₅(I,Br) mixed crystals (2009) Ferroelectrics, 379 (1 PART 2), pp. 62-68.	Scopus
884.	Samulionis, V., Banys, J., Vysochanskii, Y.	Characterization of CuInP₂S₆ family two dimensional crystals for ultrasonic transducers (2009) Proceedings - IEEE Ultrasonics Symposium, с т а т ь я №. 5441578	Scopus
885.	Studenyak, I.P., Izai, V.Y., Panko, V.V., Orliukas, A.F., Kazakevičius, E., Koleli, F., Dudukcu, M., Aydin, R.	Temperature behaviour of optical absorption edge and phase transitions in Cu₆PS₅i_{0.8}Cl_{0.2}superionic mixed crystals (2009) Lithuanian Journal of Physics, 49 (2), pp. 209-214	Scopus
886.	Grigas, J., Talik, E., Lazauskas, V., Vysochanskii, Yu.M., Yevych, R., Adamiec, M., Nelkinas, V.	XPS of electronic structure of ferroelectric Sn₂P₂S₆ crystals (2009) Ferroelectrics, 378 (1 PART 1), pp. 70-78.	Scopus
887.	Studenyak, I.P., Kranjčec, M., Bilanchuk, V.V., Kokhan, O.P., Orliukas, A.F., Kezionis, A., Kazakevicius, E., Salkus, T.	Temperature variation of electrical conductivity and absorption edge in Cu₇GeSe₅I advanced superionic conductor (2009) Journal of Physics and Chemistry of Solids, 70 (12), pp. 1478-1481.	Scopus
888.	Trunov, M., Lytvyn, P., Takats, V., Charnovich, I., Kokenyesi, S.	Direct surface relief formation in As_{0.2}Se_{0.8} layers (2009) Journal of Optoelectronics and Advanced Materials, 11 (12), pp. 1959-1962.	Scopus

889.	Shuaibov, A.K., Grabovaya, I.A., Gomoki, Z.T., Kalyuzhnaya, A.G., Shchedrin, A.I.	Output characteristics and parameters of the plasma from a gas-discharge low-pressure ultraviolet source using helium-iodine and xenon-iodine mixtures (2009) Technical Physics, 54 (12), pp. 1819-1824.	Scopus
890.	Studeniyak, I.P., Bilanchuk, V.V., Kokhan, O.P., Stasyuk, Yu.M., Orliukas, A.F., Kežionis, A., Kazakevičius, E., Šalkus, T.	Electrical conductivity, electrochemical and optical properties of Cu₇GeSe₅I-Cu₇GeSe₅I superionic solid solutions (2009) Lithuanian Journal of Physics, 49 (2), pp. 203-208.	Scopus
891.	Andersson, O., Chobal, O., Rizak, I., Rizak, V.	Tricritical Lifshitz point in the temperature-pressure-composition diagram for (Pb_ySn_{1-y})₂P₂(S_xSe_{1-x})₆ferroelectrics (2009) Physical Review B - Condensed Matter and Materials Physics, 80 (17), с т а т ь я No. 174107	Scopus
892.	Hira, K., Okamoto, A., Kojima, Y., Grabar, A.A.	Dynamically reconfigurable optical waveguides with Sn₂P₂S₆ crystal for free space optical wiring (2009) 2009 14th OptoElectronics and Communications Conference, OECC 2009, с т а т ь я No. 5222596	Scopus
893.	Guivan, M.M., Kamikozawa, T., Kurokawa, H., Motomura, H., Kadowaki, K., Jinno, M.	Water sterilization using a DBD-driven xenon iodide excilamp (2009) IEEE International Conference on Plasma Science, с т а т ь я No. 5227286	Scopus
894.	Malinina, A.A., Guivan, N.N., Shuaibov, A.K.	Optical characteristics and parameters of a gas discharge plasma based on a mixture of mercury dibromide vapor and helium (2009) Journal of Applied Spectroscopy, 76 (5), pp. 711-719	Scopus
895.	Sznajder, M., Bercha, D.M., Potera, P., Khachapuridze, A., Panko, V.V., Bercha, S.A.	Band structure and optical properties of the layered Hg₃TeCl₄ crystal (2009) Acta Physica Polonica A, 116 (5), pp. 950-951.	Scopus
896.	Chuchman, M.P., Shuaibov, A.K., Laslov, G.E.	Studying the energy characteristics of laser erosion plasma of a CuInSe₂ target by time-resolved emission spectroscopy (2009) Technical Physics Letters, 35 (8), pp. 764-767.	Scopus
897.	Glukh, O.S., Sabov, M.Y., Barchii, I.E., Tsigika, V.V., Sidei, V.I.	Formation of ternary compounds in the Tl₂Se-GeSe₂ system (2009) Inorganic Materials, 45 (10), pp. 1092-1096.	Scopus
898.	Bovdi, V.A., Rudko, V.P.	Indecomposable linear groups (2009) Indian Journal of Pure and Applied Mathematics, 40 (5), pp. 327-336.	Scopus
899.	Takáts, V., Vojnarovich, I., Csarnovich, I., Csik, A., Cheresnya, V., Shyplyak, M., Sangunni, K.S.	Stimulated interdiffusion and optical recording in Sb/As₂S₃ nanomultilayers (2009) Journal of Non-Crystalline Solids, 355 (37-42), pp. 1962-1965.	Scopus
900.	Trunov, M.L., Nagy, P.M., Takats, V., Lytvyn, P.M., Kokenyesi, S., Kalman, E.	Surface morphology of as-deposited and illuminated As-Se chalcogenide thin films (2009) Journal of Non-Crystalline Solids, 355 (37-42), pp. 1993-1997	Scopus

901.	Padlyak, B., Vlokh, R., Grabar, A., Vysochanskii, Yu., Dmitruk, I., Ryba-Romanowski, W., Lisiecki, R.	Luminescence properties of Sn₂P₂Se₆ crystals (2009) Optical Materials, 31 (12), pp. 1831-1834	Scopus
902.	Khoma, M.V., Lazur, V.Yu., Janev, R.K.	Asymptotic theory of the one- and two-electron processes in slow collisions of atomic ions with diatomic molecules (2009) Physical Review A - Atomic, Molecular, and Optical Physics, 80 (3), с т а т ь я №.032706	Scopus
903.	Koval'chuk, A.A., Alekseyenko, M.V., Alekseyenko, V.R.	Application of the Ast traps for study of some environmental factors' effect on juvenile fish (2009) Hydrobiological Journal, 45 (4), pp. 33-49.	Scopus
904.	Bercha, D.M., Sznajder, M., Kharkhalis, L.Y.	Fundamental characteristics of a new Hg₃TeCl₄ crystal obtained by means of the elementary energy bands concept based on ab initio band structure calculations (2009) Journal of Physical Studies, 13 (1)	Scopus
905.	Studeniyak, I.P., Buchuk, R.Y., Kranjcec, M., Stephanovich, V.O., Panko, V.V., Kokenyesi, S.	Peculiarities of Raman scattering in nanometric superionic conductors Cu₆PS₅Br (2009) Ukrainian Journal of Physical Optics, 10 (3), pp. 150-156.	Scopus
906.	Mikla, V.I., Mikla, V.V.	Trap level spectroscopy in amorphous selenium-based semiconductors (2009) Journal of Materials Science: Materials in Electronics, 20 (11), pp. 1059-1067	Scopus
907.	Korol, I.I.	On periodic solutions of nonlinear autonomous differential systems in the critical case (2009) Nonlinear Oscillations, 12 (1), pp. 74-84.	Scopus
908.	Suran, V.V., Bondar, I.I.	Doubly charged ions resulting from the multiphoton atomic ionization of alkaline-earth metals (2009) Laser Physics, 19 (8), pp. 1502-1517.	Scopus
909.	Shuaibov, A.K., Heneral, A.A., Shpenik, Y.O., Zhmenyak, Y.V., Shevera, I.V., Gritsak, R.V.	Ultraviolet radiation sources on (H₂O, D₂O) water vapor (2009) Technical Physics, 54 (8), pp. 1238-1240	Scopus
910.	Kormosh, Zh.A., Hunka, I.P., Bazel, Ya.R.	A potentiometric sensor for the determination of diclofenac (2009) Journal of Analytical Chemistry, 64 (8), pp. 853-858	Scopus
911.	Khoma, M.V., Imai, M., Karbovanets, O.M., Kikuchi, Y., Saito, M., Haruyama, Y., Karbovanets, M.I., Kretinin, I.Yu., Itoh, A., Buenker, R.J.	Charge transfer processes in collisions of slow highly charged ions with polar molecules CO and C₃H₈ (2009) Journal of Physics: Conference Series, 163, с т а т ь я №.012055	Scopus
912.	Onysko, M.Y., Lendel, V.G.	Haloheterocyclization of 2-methylal(propargyl)-thioquinoline-3-carbaldehydes (2009) Chemistry of Heterocyclic Compounds, 45 (7), pp. 853-855	Scopus
913.	Svalyavin, O.V., Onysko, M.Y., Lendel, V.G.	Synthesis of alkyl thioethers of pyrazolo[3,4-d]pyrimidine (2009) Chemistry of Heterocyclic Compounds, 45 (7), pp. 827-828.	Scopus

914.	Say, A., Mys, O., Grabar, A., Vysochanskii, Y., Vlokh, R.	Thermal expansion of Sn₂P₂S₆ crystals (2009) Phase Transitions, 82 (7), pp. 531-540.	Scopus
915.	Holomb, R., Veres, M., Mitsa, V.	Ring-, branchy-, and cage-like AsnSmnanoclusters in the structure of amorphous semiconductors: Ab initio and Raman study (2009) Journal of Optoelectronics and Advanced Materials, 11 (7), pp. 917-923	Scopus
916.	Sidey, V.	On the correlations between the polyhedron eccentricity parameters and the bond-valence sums for the cations with one lone electron pair. Addendum (2009) Acta Crystallographica Section B: Structural Science, 65 (3), pp. 401-402.	Scopus
917.	Studenyyak, I.P., Kranjčec, M., Koperlyos, B.M.	On the Urbach rule in SbSI ferroelectric crystal (2009) Ukrainian Journal of Physical Optics, 10 (2), pp. 61-70.	Scopus
918.	Balogh, I.S., Ruschak, M., Andruch, V., Billes, F.	Determination of Cu(III) in semiconductor ceramics using Cationic Violet reagent (2009) Microchimica Acta, 166 (1-2), pp. 145-150.	Scopus
919.	Chuchman, M.P., Shuaibov, A.K.	Time evolution of the laser-produced antimony plasma plume parameters (2009) Physica Scripta, 79 (3), с т а т ь я №. 035504	Scopus
920.	Wakayama, Y., Okamoto, A., Shimayabu, K., Kojima, Y., Grabar, A.A.	Photorefractive splicing device with double phase conjugate mirror using Sn₂P₂S₆:Sb crystal (2009) Proceedings of SPIE - The International Society for Optical Engineering, 7212, с т а т ь я №. 72120Q	Scopus
921.	Bondar', I.I., Suran, V.V.	Effect of an additionally induced polarization of the ground state of an atom on multiphoton transitions (2009) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 106 (5), pp. 633-636.	Scopus
922.	Bondar', I.I., Suran, V.V.	Multiphoton resonant transitions in atomic Ba in the presence of additional strong off-resonant radiation (2009) Laser Physics, 19 (5), pp. 980-983.	Scopus
923.	Vysochanskii, Y.M., Baltrunas, D., Grabar, A.A., Mazeika, K., Fedyo, K., Sudavicius, A.	Mössbauer 119Sn and XPS spectroscopy of Sn₂P₂S₆ and SnP₂S₆ crystals (2009) Physica Status Solidi (B) Basic Research, 246 (5), pp. 1110-1117.	Scopus
924.	Zatsarinny, O., Bartschat, K., Gedeon, S., Gedeon, V., Lazur, V., Nagy, E.	Cross sections for electron scattering from magnesium (2009) Physical Review A - Atomic, Molecular, and Optical Physics, 79 (5), с т а т ь я №. 052709	Scopus
925.	Kormosh, Z., Hunka, I., Bazel, Y.	Potentiometric sensor for the indomethacin determination (2009) Materials Science and Engineering C, 29 (3), pp. 1018-1022.	Scopus
926.	Kurochkin, O., Buchnev, O., Iljin, A., Park, S.K., Kwon, S.B., Grabar, O., Reznikov, Yu.	A colloid of ferroelectric nanoparticles in a cholesteric liquid crystal	Scopus

		(2009) Journal of Optics A: Pure and Applied Optics, 11 (2), с т а т ь я №.024003	
927.	Shuaibov, A.K., Malinin, A.N.	Emission characteristics and parameters of gas-discharge plasma in mixtures of heavy inert gases with chlorine (2009) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 106 (4), pp. 499-504.	Scopus
928.	Pop, M.M., Shpak, I.I., Kozak, M.I., Semak, D.G.	Optical absorption and disorder in the As₄₀S₆₀ - xSe vitreous alloys (2009) Glass Physics and Chemistry, 35 (2), pp. 158-162.	Scopus
929.	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	Scopus
930.	Orliukas, A.F., Kazakevicius, E., Kezionis, A., Salkus, T., Studenyak, I.P., Buchuk, R. Yu., Prits, I.P., Panko, V.V.	Preparation, electric conductivity and dielectrical properties of Cu₆PS₅I-based superionic composites (2009) Solid State Ionics, 180 (2-3), pp. 183-186.	Scopus
931.	Shuaibov, A.K., Minya, A.I., Gomoki, Z.T., Laslov, G.E.	Emissivity of the pulsed capacitive discharge in helium-iodine and neon-iodine mixtures (2009) Technical Physics, 54 (1), pp. 146-150.	Scopus
932.	Lazur, V. Yu., Migalina, S.I., Reitii, A.K.	The quantum electrodynamic problem of two electrons (2009) Theoretical and Mathematical Physics, 158 (3), pp. 333-343.	Scopus
933.	Mosimann, R., Juvalta, F., Jazbinsek, M., Günter, P., Grabar, A.A.	Photorefractive waveguides in He⁺ implanted pure and Te-doped Sn₂P₂S₆ (2009) Journal of the Optical Society of America B: Optical Physics, 26 (3), pp. 444-449	Scopus
934.	Bercha, A., Bohdan, R., Trzeciakowski, W., Dybała, F., Piechal, B., Bou Sanayeh, M., Reufer, M., Brick, P.	Pressure and temperature tuning of InGaP/AlGaInP laser diodes from red to yellow (2009) Physica Status Solidi (B) Basic Research, 246 (3), pp. 508-511.	Scopus
935.	Trzeciakowski, W., Dybala, F., Mrozowicz, M., Bercha, A., Piechal, B., Ostendorf, R., Gilly, J., Kelemen, M.T.	Pressure tuning of external-cavity tapered laser (2009) Physica Status Solidi (B) Basic Research, 246 (3), pp. 516-521.	Scopus
936.	Sidey, V.	Alternative presentation of the Brown-Wu bond-valence parameters for some s₂ cation/O₂- ion pairs (2009) Acta Crystallographica Section B: Structural Science, 65 (1), pp. 99-101.	Scopus
937.	Peresh, E.Yu., Sidei, V.I., Zubaka, O.V.	Systems based on A₂TeC₆(A = K, Rb, Cs, and Tl(I); C = Br and I) compounds with peritectic interactions (2009) Russian Journal of Inorganic Chemistry, 54 (2), pp. 315-318.	Scopus
938.	Bercha, A., Trzeciakowski, W., Opachko, I.I.	Temperature and external-cavity tuning of high-power GaAsP laser diode (2009) Physica Status Solidi (A) Applications and Materials Science, 206 (2), pp. 338-342	Scopus
939.	Samulionis, V., Banys, J., Vysochanskii, Y.	Piezoelectric and elastic properties of layered materials of Cu(In,Cr)P₂(S,Se)₆ system	Scopus

		(2009) Journal of Electroceramics, 22 (1-3), pp. 192-197	
940.	Mel'Nichenko, T.D., Fedelesh, V.I., Mel'Nichenko, T.N., Sanditov, D.S., Badmaev, S.S., Daminov, D.G.	On the approximate estimation of the surface tension of chalcogenide glass melts (2009) Glass Physics and Chemistry, 35 (1), pp. 32-42.	Scopus
941.	Rontó, M., Shchobak, N.	Parametrization for some boundary value problems of interpolation type (2009) Tatra Mountains Mathematical Publications, 43 (1), pp. 229-242.	Scopus
942.	Mikla, V.I., Mikla, V.V.	Structural transformations in amorphous As_xSe_{1-x} ($0 \leq x \leq 0.20$) films (2009) Journal of Materials Science: Materials in Electronics, 20 (11), pp. 1095-1105	Scopus
943.	Kranjčec, M., Studenyak, I.P., Kurik, M.V.	On the Urbach rule in non-crystalline solids (2009) Journal of Non-Crystalline Solids, 355 (1), pp. 54-57.	Scopus
944.	Kozak, M.I., Loya, V.Y., Golub, N.P., Onis'Ko, M.Y.	Mechanism of photoinduced nanodimensional expansion/contraction in glassy thin layers of As_2S_3 (2009) Theoretical and Experimental Chemistry, 45 (1), pp. 69-73	Scopus
945.	Khlyntseva, S.V., Bazel', Ya.R., Vishnikin, A.B., Andruch, V.	Methods for the determination of adenosine triphosphate and other adenine nucleotides (2009) Journal of Analytical Chemistry, 64 (7), pp. 657-673.	Scopus
946.	Macutkevic, J., Banys, J., Vysochanskii, Y.	Broadband dielectric spectroscopy of $CuInP_2Se_6$ crystals (2009) Physica Status Solidi (A) Applications and Materials Science, 206 (1), pp. 167-172.	Scopus
947.	Kharkhalis, L.Yu., Shenderovskii, V.A., Sznajder, M., Bercha, D.M.	Dispersion law with a low-energy non-parabolicity for the charge carriers in the In_4Se_3 crystal and related effects (2009) Acta Physica Polonica A, 116 (5), pp. 952-953.	Scopus
948.	Bondar, I.I., Suran, V.V.	The multiphoton transitions in the presence of additional strong nonresonant radiation (2008) Proceedings of CAOL 2008: 4th International Conference on Advanced Optoelectronics and Lasers, с т а т ь я №.4671864, pp. 282-284.	Scopus
949.	Maior, M.M., Motrja, S.F., Gurzan, M.I., Pritz, I.P., Vysochanskii, Yu.M.	Dipole glassy state in layered mixed crystals of $Cu(In,Cr)P_2(S,Se)_6$ system (2008) Ferroelectrics, 376 (1 PART 2), pp. 9-16.	Scopus
950.	Guranich, P.P., Slivka, A.G., Shusta, V.S., Gomonnai, O.O., Prits, I.P.	Optical and dielectric properties of $CuInP_2S_6$ layered crystals at high hydrostatic pressure (2008) Journal of Physics: Conference Series, 121 (PART 2), с т а т ь я №.022015	Scopus
951.	Shafranyosh, I.I., Sukhoviya, M.I., Shafranyosh, M.I., Shimon, L.L.	Formation of positive and negative ions of thymine molecules under the action of slow electrons (2008) Technical Physics, 53 (12), pp. 1536-1540.	Scopus
952.	Khoma, M.V., Karbovanets, O.M., Karbovanets, M.I., Buenker, R.J.	On the semiclassical approach in the theory of ion-diatomic exchange interaction: Its application to	Scopus

		charge exchange reactions (2008) Physica Scripta, 78 (6), с т а т ь я №. 065201	
953.	Grabovaya, I.A., Shuaibov, A.K.	Characteristics of UV - VUV low pressure lamps with bromine and iodine vapors (2008) Light and Engineering, 16 (1), pp. 47-52.	Scopus
954.	Bercha, D.M., Kharkhalis, L.Y., Sznajder, M., Rushchanskii, K.Z., Slipukhina, I.V.	Consequences of low-energy non-parabolicity of the dispersion laws for physical parameters and manifestation of new effects in strongly anisotropic crystals (2008) Journal of Physical Studies, 12 (4), pp. 1-6.	Scopus
955.	Tyagur, Y., Tyagur, I.	Influence of high pressure on the electrical resistance of Sn₂P₂S₆ ferroelectric crystals (2008) High Pressure Research, 28 (4), pp. 607-614.	Scopus
956.	Shusta, V.S., Slivka, A.G., Gomonnai, O.O., Azhniuk, Y.M., Lopushansky, V.V.	Hydrostatic pressure effect on the optical spectra of glass-embedded CdS_{1-x}Se_x nanocrystals (2008) Journal of Physics: Conference Series, 121 (PART 16), с т а т ь я №. 162001	Scopus
957.	Dybała, F., Bercha, A., Piechal, B., Trzeciakowski, W., Bohdan, R., Mrozowicz, M., Klehr, A., Ressel, P., Wenzel, H., Sumpf, B., Erbert, G.	Pressure and temperature tuning of an external cavity InGaAsP laser diode (2008) Semiconductor Science and Technology, 23 (12), с т а т ь я №. 125012	Scopus
958.	Mykaylo, O.A., Guranich, O.G., Rubish, V.M., Stefanovich, V.O., Shpyrko, G.M., Kaynts, D.I.	Influence of composition, exposure, thermal annealing and pressure on structure and optical properties of As-S-Se chalcogenide glasses and thin films (2008) Ferroelectrics, 372 (1 PART 2), pp. 81-86.	Scopus
959.	Kaynts, D.I., Shpak, A.P., Rubish, V.M., Mykaylo, O.A., Guranich, O.G., Shtets, P.P., Guranich, P.P.	Formation of ferroelectric nanostructures in (As₂S₃)_{100-x}(Sb₂S₃)_x glassy matrix (2008) Ferroelectrics, 371 (1 PART 1), pp. 28-33.	Scopus
960.	Gamernyk, R.V., Gnatenko, Y.P., Slivka, A.G.	Optical and photoelectric spectroscopy defect of photorefractive Sn₂P₂S₆ and (Sn,Pb)₂P₂S₆ crystals (2008) Journal of Physical Studies, 12 (4)	Scopus
961.	Goldmann, N., Slava, S., Makogon, Y., Orekhova, T., Dubouskaya, A.	Internationalization of SMEs in Ukraine (2008) Handbook of Research on European Business and Entrepreneurship: Towards a Theory of Internationalization, pp. 660-681.	Scopus
962.	Grigas, J., Talik, E., Lazauskas, V., Vysochanskii, Y.M., Yevych, R., Adamiec, M., Nelkinas, V.	XPS and electronic structure of ferroelectric sn₂p 2s₆ crystals (2008) Lithuanian Journal of Physics, 48 (2), pp. 145-154	Scopus
963.	Gomonnai, O.O., Guranich, P.P., Rigan, M.Y., Roman, I.Y., Slivka, A.G.	Effect of hydrostatic pressure on phase transitions in ferroelectric TlInS₂ (2008) High Pressure Research, 28 (4), pp. 615-619.	Scopus
964.	Krupych, O., Adamenko, D., Mys, O., Grabar, A., Vlokh, R.	Faraday effect in Sn₂P₂S₆ and (Sn,Pb)₂P₂S₆ crystals (2008) Applied Optics, 47 (32), pp. 6040-6045	Scopus

965.	Pahiry, M.M.	Evaluation of the remainder term for the Thiele interpolation continued fraction (2008) Ukrainian Mathematical Journal, 60 (11), pp. 1813-1822	Scopus
966.	Shuaibov, A.K., Grabovaya, I.A., Minya, A.Ĭ., Gomoki, Z.T.	Emission characteristics of a discharge iodine vapor plasma in the spectral region of the main absorption maximum of DNA molecules (2008) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 105 (5), pp. 686-690.	Scopus
967.	Shpak, I.I., Rosola, I.I., Evich, R.M., Perechinski, S.I., Vysochanski, Yu.M.	Raleigh and Mandelshtam-Brillouin light scattering in chalcogenide glasses of the (As ₂ S ₃) _x II-x system (2008) Journal of Applied Spectroscopy, 75 (6), pp. 815-819.	Scopus
968.	Trunov, M.L., Bilanich, V.S., Dub, S.N.	Investigation of the photoplastic effect in vitreous semiconductors by cyclic nanoindentation (2008) Physics of the Solid State, 50 (11), pp. 2062-2068.	Scopus
969.	Gerzanich, E.I.	Optical properties of A2IVB2VC6VI ferroelectrics-semiconductors: The effect of temperature and hydrostatic pressure (2008) Ukrainian Journal of Physical Optics, 9 (3), pp. 129-163.	Scopus
970.	Brila, A.Yu.	Attainability of optimal solutions to a linear problem of multicriterion optimization with respect to the weighed sum of variously important and transitively subordinated criteria (2008) Cybernetics and Systems Analysis, 44 (5), pp. 745-748.	Scopus
971.	Bohdan, R., Bercha, A., Trzeciakowski, W., Dybała, F., Piechal, B., Sanayeh, M.B., Reufer, M., Brick, P.	Yellow AlGaInP/InGaP laser diodes achieved by pressure and temperature tuning (2008) Journal of Applied Physics, 104 (6), с т а т ь я №.063105	Scopus
972.	Yevych, R.M., Vysochanskii, Yu.M.	The second order phase transition in Sn ₂ P ₂ S ₆ crystals: Anharmonic oscillator model (2008) Condensed Matter Physics, 11 (3), pp. 417-423	Scopus
973.	Slivka, A.G., Kedyulich, V.M., Guyvan, H.M.	External field effect on the anisotropy of dielectric permeability of KH ₂ PO ₄ and NaKC ₄ H ₄ O ₆ · 4H ₂ O crystals under high pressure (2008) Condensed Matter Physics, 11 (3), pp. 571-581.	Scopus
974.	Grigas, J., Talik, E., Lazauskas, V., Vysochanskii, Yu.M., Yevych, R., Adamiec, M., Nelkinas, V.	X-ray photoelectron spectroscopy of Sn ₂ P ₂ S ₆ crystals (2008) Condensed Matter Physics, 11 (3), pp. 473-482.	Scopus
975.	Shuaibov, A.K., Shevera, I.V., Malinina, A.A.	Characteristics and plasma parameters of a short-wavelength low-pressure discharge lamp (2008) Technical Physics Letters, 34 (10), pp. 874-877.	Scopus
976.	Marushka, V.I., Fedorko, R.A., Shafranyosh, I.I.	The formation of negative ions upon interaction of electrons with metastable magnesium atoms (2008) High Temperature, 46 (5), pp. 725-727.	Scopus

977.	Halász, J.L., Chonka, I., Tóth, M.D., Boyko, N., Balázs, S.	Microorganism and enzyme activities in the soil of landfill sites of Bereg county (2008) Archives of Agronomy and Soil Science, 54 (5), pp. 465-479.	Scopus
978.	Perestyuk, M.O., Baloha, S.I.	Existence of an invariant torus for one class of systems of differential equations (2008) Nonlinear Oscillations, 11 (4), pp. 548-558.	Scopus
979.	Mosimann, R., Marty, P., Jazbinsek, M., Günter, P., Grabar, A.A.	Photorefractive two-wave mixing in Sn₂P₂S₆:Te at 1.55 μm (2008) 2008 Conference on Quantum Electronics and Laser Science Conference on Lasers and Electro-Optics, CLEO/QELS, с т а т ь я No. 4551123	Scopus
980.	Khoma, M.V., Imai, M., Karbovanets, O.M., Kikuchi, Y., Saito, M., Haruyama, Y., Karbovanets, M.I., Kretinin, I.Yu., Itoh, A., Buenker, R.J.	A simple theoretical approach of charge transfer processes in collisions of atomic ions with polar targets (2008) Chemical Physics, 352 (1-3), pp. 142-146	Scopus
981.	Lintur, M.I., Prikhodko, M.V., Dashchenko, A.I., Markovich, L.M., Sharodi, I.S.	Absolute photon yield from silicon surface under electron and ion irradiation (2008) Bulletin of the Russian Academy of Sciences: Physics, 72 (7), pp. 906-909.	Scopus
982.	Drobnich, V.G., Okhrimenko, S.V., Pop, S.S.	Ion-induced photon emission: Neutralization mechanism of surface plasmon excitation (2008) Bulletin of the Russian Academy of Sciences: Physics, 72 (7), pp. 919-924.	Scopus
983.	Chuchman, M.P., Shuaibov, A.K.	How self-absorption in the erosion laser plasma of Ge, In, Pb, Ga, and Cu affects its spectral characteristics (2008) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 75 (9), pp. 541-545.	Scopus
984.	Shuaibov, A.K., Minya, A.J., Gomoki, Z.T., Laslov, G.E.	UV emission from capacitive discharge in inert gas-iodine vapor mixture (2008) Technical Physics Letters, 34 (9), pp. 765-767.	Scopus
985.	Kedyk, I.V., Mathey, P., Gadret, G., Grabar, A.A., Fedyo, K.V., Stoika, I.M., Prits, I.P., Vysochanskii, Y.M.	Investigation of the dielectric, optical and photorefractive properties of Sb-doped Sn₂P₂S₆ crystals (2008) Applied Physics B: Lasers and Optics, 92 (4), pp. 549-554	Scopus
986.	Kukhtarev, N., Kukhtareva, T., Land, P., Wang, J.C., Murray, T., Gnatenko, Yu.P., Faryna, I.O., Bukivskij, P.M., Shigiltchoff, O.A., Grabar, A.	Dynamic holographic interferometry in IR and visible range in semiconductor crystals for acoustical sensing (modeling and experimental realization) (2008) Proceedings of SPIE - The International Society for Optical Engineering, 7003, с т а т ь я No.70030Z	Scopus
987.	Sidey, V.	On the correlations between the polyhedron eccentricity parameters and the bond-valence sums for the cations with one lone electron pair (2008) Acta Crystallographica Section B: Structural Science, 64 (4), pp. 515-518	Scopus
988.	Yal'ch, A.P., Mitropol'Skii, I.E., Buksar, V.S., Markovich, L.M., Pop, S.S.	Photon emission under bombardment of ruby by ions and electrons of medium energies (2008) Journal of Surface Investigation, 2 (4), pp. 577-581.	Scopus

989.	Sznajder, M., Bercha, D.M., Kharkhalis, L.Yu.	The band structure of a layered Hg₃TeCl₄ crystal formed by energy states of HgCl₂ and HgTe crystals (2008) Physica Status Solidi (B) Basic Research, 245 (8), pp. 1571-1579.	Scopus
990.	Motsnyi, F.V., Smolanka, O.M., Peresh, E.Yu., Virko, S.V., Dorogan, V.G.	Change of exciton-phonon interaction in layered ferroelastic crystals (Cs₃Bi₂I₉) (2008) Physica B: Condensed Matter, 403 (17), pp. 2838-2841.	Scopus
991.	Macutkevici, J., Banys, J., Grigalaitis, R., Vysochanskii, Yu.	Asymmetric phase diagram of mixed CuInP₂ (S_x Se_{1-x})₆ crystals (2008) Physical Review B - Condensed Matter and Materials Physics, 78 (6), с т а т ь я №.064101	Scopus
992.	Korposh, S.O., Sharkan, Y.P., Sichka, M.Y., Yang, D.-H., Lee, S.-W., Ramsden, J.J.	Matrix influence on the optical response of composite bacteriorhodopsin films to ammonia (2008) Sensors and Actuators, B: Chemical, 133 (1), pp. 281-290.	Scopus
993.	Malinina, A.A., Malinin, A.N.	Efficiency of quenching of the B 2 Σ 1 2/+ state of mercury moniodide and monobromide by mercury dihalides in gas-discharge plasma in multicomponent mixtures of an exciplex radiation source (2008) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 105 (1), pp. 32-37.	Scopus
994.	Onysko, M.Yu., Svalyavin, O.V., Turov, A.V., Lendel, V.G.	Synthesis and halogenation of propargyl pyrazolo-[3,4-d]pyrimidine thioether (2008) Chemistry of Heterocyclic Compounds, 44 (7), pp. 872-875.	Scopus
995.	Marynets', V.V., Pyt'ovka, O.Y.	On one approach to the investigation of problems with parameters in boundary conditions (2008) Nonlinear Oscillations, 11 (3), pp. 365-383.	Scopus
996.	Kalantaridis, C., Slava, S., Vassilev, I.	Global networks and the reorganization of production in the clothing industry of post-socialist Ukraine (2008) Global Networks, 8 (3), pp. 308-328.	Scopus
997.	Kormosh, Z., Hunka, I., Bazel, Y.	Preparation and characterization of a diclofenac sensitive electrode based on a PVC matrix membrane (2008) Acta Chimica Slovenica, 55 (2), pp. 261-267.	Scopus
998.	Levitskii, R.R., Moina, A.P., Andrusyk, A.Ya., Slivka, A.G., Kedyulich, V.M.	The study of the hydrostatic pressure effect on the thermodynamic properties of the Rochelle salt NaKC₄H₄O₆ · 4H₂O (2008) Journal of Physical Studies, 12 (2), pp. 26031-260311.	Scopus
999.	Shuaibov, A.K., General, A.A., Kel'man, V.A., Shevera, I.V.	The emission characteristics of low-pressure water vapor discharge UV emitters (2008) Technical Physics Letters, 34 (7), pp. 588-590.	Scopus
1000.	Holomb, R., Martinelli, A., Albinsson, I., Lassègues, J.C., Johansson, P., Jacobsson, P.	Ionic liquid structure: The conformational isomerism in 1-butyl-3-methyl-imidazolium tetrafluoroborate ([bmim][BF₄])	Scopus

		(2008) Journal of Raman Spectroscopy, 39 (7), pp. 793-805.	
1001.	Malinin, A.N.	An excimer source of visible light (2006) Instruments and Experimental Techniques, 49 (1), pp. 96-100.	Scopus
1002.	Plekan, R.M., Pojda, V.Yu., Khimich, I.V.	Theoretical description of nucleons paired correlations of even-even nuclei in the adiabatic three-particle model (2006) International Conference on Current Problems in Nuclear Physics and Atomic Energy - Proceedings of the NPAE 2006, pp. 183-192.	Scopus
1003.	Shuaibov, A.K., Grabovaya, I.A., Shimon, L.L.	A UV lamp based on a Kr-Xe mixture with Br₂ and I₂ molecules (2006) Instruments and Experimental Techniques, 49 (1), pp. 106-109.	Scopus
1004.	Shuaibov, A.K., Shimon, L.L., Shevera, I.V., Sabov, I.I.	Optical characteristics of a transverse volume discharge in a helium-hydrogen chloride mixture (2006) Technical Physics, 51 (2), pp. 281-282.	Scopus
1005.	Bletskan, D.I., Madyar, J.J., Kabaciy, V.N.	Effect of nonstoichiometry and doping on the photoconductivity spectra of GeSe layered crystals (2006) Semiconductors, 40 (2), pp. 137-142.	Scopus
1006.	Trunov, M.L., Dub, S.N., Shmegeera, R.S.	Light-induced structural relaxation and the photoplastic effect in chalcogenide glasses (2006) Solid State Phenomena, 115, pp. 245-250.	Scopus
1007.	Jazbinsek, M., Bach, T., Montemezzani, G., Günter, P., Grabar, A.A., Vysochanskii, Y.M.	Optical phase conjugators for near-infrared diode lasers using Sn₂P₂S₆ crystals (2006) Optics InfoBase Conference Papers, .	Scopus
1008.	Sznajder, M., Bercha, D.M., Glukhov, K.E., Slipukhina, I.V.	Universality of the empty-lattice approximation to predict the topology of energy spectra of high-symmetry crystals and superlattices based upon them (2006) Acta Physica Polonica A, 110 (3), pp. 369-378.	Scopus
1009.	Mys, O., Martynyuk-Lototska, I., Grabar, A., Vysochanskii, Y., Vlokh, R.	Piezooptic coefficients and acoustic wave velocities in Sn₂P₂S₆ crystals (2006) Ukrainian Journal of Physical Optics, 7 (3), pp. 124-128.	Scopus
1010.	Kranjčec, M., Studenyak, I.P.	Temperature changes in the photoluminescence and the intrinsic absorption edge of the (Ga_{0.1}In_{0.9})₂Se₃ crystal (2006) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 100 (1), pp. 80-84.	Scopus
1011.	Motsnyi, F.V., Smolanka, O.M., Sugakov, V.I., Peresh, E.Yu.	Giant thermodynamical optical effect near ferroelastic phase transition point in Cs₃Bi₂I₉ layered crystal (2006) Solid State Communications, 137 (4), pp. 221-224.	Scopus
1012.	Vlokh, R., Grabar, O., Vysochanskii, Y., Dmitruk, I.	Luminescence and reflection spectra of Sn₂P₂Se₆ semiconductors-ferroelectrics at low temperatures (2006) Ukrainian Journal of Physical Optics, 7 (1), pp. 24-26.	Scopus

1013.	Stercho, I.P., Tsyhyka, V.V., Sidej, V.I., Peresh, E.Yu.	Physicochemical interaction between components in systems with two-ion replacement based on ternary halides Rb₃(Cr₃)Sb₂Br₉(I₉) (2005) Ukrainskij Khimicheskij Zhurnal, 71 (5-6), pp. 29-33.	Scopus
1014.	Sharkany, Y.P., Trikur, I.I., Korposh, S.A., Ramsden, J.J.	Sensitive elements based on bacteriorhodopsin for fiber-optics sensors of chemical components (2005) Proceedings of SPIE - The International Society for Optical Engineering, 5855 PART I, с т а т ь я No. 99, pp. 411-414.	Scopus
1015.	Lazur, V.Yu., Rubish, V.V., Reity, O.K.	WKB method for the Dirac equation with vector and scalar potentials (2005) Journal of Physical Studies, 9 (1), pp. 1-18.	Scopus
1016.	Koval'chuk, A.A.	Some issues of ecophysiology of free-living ciliates (2005) Hydrobiological Journal, 41 (6), pp. 121-135.	Scopus
1017.	Malinin, A.N., Polyak, A.V.	Optical characteristics of barrier discharge plasma based on mixtures of cadmium diiodide vapors with gases (2005) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 99 (6), pp. 912-917.	Scopus
1018.	Guranich, P.P., Slivka, A.G., Shusta, V.S., Gerzanich, O.I., Kuritsa, I.Yu.	Critical behaviour of Sn₂P₂S₆ferroelectric crystals under high pressure (2005) Ferroelectrics, 316, pp. 177-182.	Scopus
1019.	Sukhoviya, M.I., Shafranyosh, M.I., Margitich, M.O., Shafranyosh, I.I.	Negative ions formation of the cytosine molecule by electron impact (2005) Biopolymers and Cell, 21 (6), pp. 531-535.	Scopus
1020.	Bondar, I.I., Suran, V.V.	Polarisation effects in excitation of strong perturbed atomic states (2005) Conference on Lasers and Electro-Optics Europe - Technical Digest, с т а т ь я No. 1568206, .	Scopus
1021.	Shusta, V.S., Tovt, V.V., Slivka, A.G., Guranich, P.P., Gerzanich, E.I., Kuritsa, I.Y.	Temperature and pressure effect on the absorption edge in (Sn_{0.95}Zn_{0.05})₂P₂S₆w crystal (2005) Ferroelectrics, 317, pp. 83-87.	Scopus
1022.	Shafranyosh, M.I., Sukhoviya, M.I., Shimon, L.L., Shafranyosh, I.I.	Absolute cross sections for the electron-impact formation of cytosine anions (2005) Technical Physics Letters, 31 (12), pp. 1071-1073.	Scopus
1023.	Slivka, A.G., Kedyulich, V.M., Gerzanich, E.I.	Pressure effect on Sn₂P₂Se₆type incommensurate crystals (2005) Ferroelectrics, 317, pp. 89-93.	Scopus
1024.	Petrushko, I.A., Sukhoviya, M.I.	Stacking self-association of cytosine and its manifestation in optical spectra (2005) Biopolymers and Cell, 21 (5), pp. 440-445.	Scopus
1025.	Jazbinsek, M., Bach, T., Montemezzani, G., Günter, P., Grabar, A.A., Vysochanskii, Yu.M.	Optical phase conjugators for near-infrared diode lasers using Sn₂P₂S₆ crystals (2005) 2005 Conference on Lasers and Electro-Optics, CLEO, 3, с т а т ь я No. CThE3, pp. 1612-1613.	Scopus
1026.	Kryshenik, V.M., Ivanitsky, V.P., Kovtunenکو, V.S.	Irreversible relaxation transformations in amorphous chalcogenides	Scopus

		(2005) Journal of Optoelectronics and Advanced Materials, 7 (6), pp. 2953-2962.	
1027.	Bondar, D.I., Lazur, V.Yu., Shvab, I.M., Chalupka, S.	The two-centre Coulomb problem in quantum mechanics. An influence of the dimensions (2005) Journal of Physical Studies, 9 (4), pp. 304-315.	Scopus
1028.	Tyagur, Y., Tyagur, I., Kopal, A., Burianova, L., Hana, P.	Dielectric and piezoelectric properties of Sn₂P₂S₆ single crystals (2005) Ferroelectrics, 320, pp. 35-42.	Scopus
1029.	Cebra, J.J., Jiang, H.-Q., Boiko, N., Tlaskalova-Hogenova, H.	The role of mucosal microbiota in the development, maintenance, and pathologies of the mucosal immune system (2005) Mucosal Immunology, Two-Volume Set, pp. 335-368.	Scopus
1030.	Korposh, S.O., Sichka, M.Y., Trikur, I.I., Sharkan, Y.P., Yang, D.H., Lee, S.W., Ramsden, J.J.	Films based on bacteriorhodopsin in sol-gel matrices (2005) Proceedings of SPIE - The International Society for Optical Engineering, 5956, с т а т ь я №. 595616, pp.	Scopus
1031.	Jazbinsek, M., Haertle, D., Bach, T., Montemezzani, G., Günter, P., Grabar, A.A., Vysochanskii, Yu.M.	Sn₂P₂S₆ crystals for fast near-infrared photorefraction (2005) Ferroelectrics, 318, pp. 89-94.	Scopus
1032.	Balogh, I.S., Molnár, J., Andruch, V.	Extraction in the Ni(II) - Organic ligand - Polymethine dye - Organic solvent system and its application for the spectrophotometric determination of nickel (2005) Chemical Papers, 59 (5), pp. 343-346.	Scopus
1033.	Slivka, A.G., Kedyulich, V.M., Levitskii, R.R., Moina, A.P., Romanyuk, M.O., Guivan, A.M.	The effect of external factors on dielectric permittivity of Rochelle salt: Humidity, annealing, stresses, electric field (2005) Condensed Matter Physics, 8 (3), pp. 623-638.	Scopus
1034.	Ramsden, J.J., Sharkan, Y.P., Zhitov, N.B., Korposh, S.O.	Sensors for spacecraft cabin environment monitoring (2005) International Astronautical Federation - 56th International Astronautical Congress 2005, 1, pp. 135-139.	Scopus
1035.	Trunov, M.L., Bilanich, V.S., Dub, S.N., Shmegeera, R.S.	Giant photoplastic effect in vitreous semiconductors near the rigidity percolation transition (2005) JETP Letters, 82 (8), pp. 504-508.	Scopus
1036.	Jazbinsek, M., Bach, T., Haertle, D., Montemezzani, G., Günter, P., Grabar, A.A., Vysochanskii, Yu.M.	Optical phase conjugators for near-infrared lasers using Sn₂P₂S₆ (2005) Conference on Lasers and Electro-Optics Europe - Technical Digest, с т а т ь я №. 1567945, .	Scopus
1037.	Bach, T., Jazbinšek, M., Günter, P., Grabar, A.A., Stoika, I.M., Vysochanskii, Y.M.	Self pumped optical phase conjugation at 1.06 μ m in Te-doped Sn₂P₂S₆ (2005) Optics Express, 13 (24), pp. 9890-9896.	Scopus
1038.	Nemcsics, A., Kovács, S., Lábadi, Z., Hesse, K.-F., Czank, M., Turmezei, P., Motrya, S.	Novel material for an electrochemical solar cell (2005) Solar Energy Materials and Solar Cells, 89 (2-3), pp. 175-183.	Scopus

1039.	Shuaibov, A.K., Grabovaya, I.A.	Bromine-iodine excimer electric-discharge lamp with continuous UV radiation spectrum (2005) Technical Physics Letters, 31 (10), pp. 894-896.	Scopus
1040.	Franssen, G., Suski, T., Perlin, P., Bohdan, R., Bercha, A., Adamiec, P., Dybała, F., Trzeciakowski, W., Kazlauskas, K., Tamulaitis, G., Žukauskas, A., Czernecki, R., Leszczyński, M., Grzegory, I.	Screening of built-in electric fields in group III-nitride laser diodes observed by means of hydrostatic pressure (2005) Physica Status Solidi C: Conferences, 2 (3), pp. 1019-1022.	Scopus
1041.	Shuaibov, A.K., Grabovaya, I.A.	Glow-discharge-pumped broadband ultraviolet lamp (2005) Journal of Applied Spectroscopy, 72 (6), pp. 921-923.	Scopus
1042.	Guivan, N.N., Malinin, A.N.	Spectroscopic diagnostics of barrier discharge plasmas in mixtures of zinc diiodide with inert gases (2005) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 99 (5), pp. 703-706.	Scopus
1043.	Gągor, A., Pietraszko, A., Kaynts, D.	Diffusion paths formation for Cu⁺ ions in superionic Cu₆PS₅I single crystals studied in terms of structural phase transition (2005) Journal of Solid State Chemistry, 178 (11), pp. 3366-3375.	Scopus
1044.	Guivan, N.N., Shimon, L.L., Janca, J., Brablec, A., Slavicek, P., Stahel, P.	Planar sliding discharge-driven UV excimer light source (2005) Proceedings of SPIE - The International Society for Optical Engineering, 5777 (PART II), с т а т ь я № 108, pp. 578-581.	Scopus
1045.	Savchenko, N.D., Shchurova, T.N., Baran, N.Yu., Spesiviykh, A.A.	Relaxation processes in As₂S₃ thin films (2005) Vacuum, 80 (1-3), pp. 128-131.	Scopus
1046.	Shuaibov, A.K., Chuchman, M.P. (Opticheskii Zhurnal), 72 (10), pp. 749-753.	Study of the plasma of a flare that accompanies the laser irradiation of a target containing lead and gallium (2005) Journal of Optical Technology (A Translation of	Scopus
1047.	Sukhareva, O.Yu., Sukharev, S.N., Chundak, S.Yu.	New analytical forms for the extraction-photometric determination of rhodium(III) and iridium(III) (2005) Journal of Analytical Chemistry, 60 (10), pp. 914-919.	Scopus
1048.	Trunov, M.L.	Photo-induced plasticity in amorphous chalcogenides: An overview of mechanisms and applications (2005) Journal of Optoelectronics and Advanced Materials, 7 (5), pp. 2235-2246.	Scopus
1049.	Milyan, P.M., Semrad, E.E.	Preparation and properties of compounds of the PbO-Sb₂O₅ system (2005) Russian Journal of Inorganic Chemistry, 50 (10), pp. 1599-1604.	Scopus
1050.	Mañor, M.M., Vrabel', V.T., Prits, I.P., Korda, N.F., Gurzan, M.I., Vysochanskiĭ, Yu.M.	Dielectric properties of CuInP₂(SexS_{1-x})₆ solid solutions (2005) Physics of the Solid State, 47 (9), pp. 1734-1739.	Scopus
1051.	Guivan, N.N., Janča, J., Brablec, A., Stáhel, P., Slavíček, P., Shimon, L.L.	Planar UV excilamp excited by a surface barrier discharge (2005) Journal of Physics D: Applied Physics, 38 (17), pp. 3188-3193.	Scopus

1052.	Shuaibov, A.K., Chuchman, M.P.	The emission characteristics of laser plume from the PbGa ₂ S ₄ crystal surface (2005) High Energy Chemistry, 39 (5), pp. 346-350.	Scopus
1053.	Holomb, R., Johansson, P., Mitsa, V., Rosola, I.	Local structure of technologically modified g-GeS ₂ : Resonant Raman and absorption edge spectroscopy combined with ab initio calculations (2005) Philosophical Magazine, 85 (25), pp. 2947-2960.	Scopus
1054.	Zhyhuts, Yu.Yu., Shyrokov, V.V.	Carbide steels synthesized by metallothermy (2005) Materials Science, 41 (5), pp. 666-672.	Scopus
1055.	Gamulin, O., Ivanda, M., Mitsa, V., Pašić, S., Balarin, M.	Spectroscopy studies of structural phase transitions of chalcogenide glass thin films (Ge ₂ S ₃) _x (As ₂ S ₃) _{1-x} coordination number 2.67 (2005) Solid State Communications, 135 (11-12), pp. 753-758.	Scopus
1056.	Fekeshgazi, I.V., Mai, K.V., Matelesko, N.I., Mitsa, V.M., Borkach, E.I.	Structural transformations and optical properties of As ₂ S ₃ chalcogenide glasses (2005) Semiconductors, 39 (8), pp. 951-954.	Scopus
1057.	Bercha, A., Dybała, F., Komorowska, K., Adamiec, P., Bohdan, R., Trzeciakowski, W., Gupta, J.A., Barrios, P.J., Pakulski, G., Delage, A., Wasilewski, Z.R.	Pressure tuning of GaInNAs laser diodes in external cavity (2005) Proceedings of SPIE - The International Society for Optical Engineering, 5722, с т а т ь я No. 75, pp. 565-572.	Scopus
1058.	Holomb, R., Mitsa, V., Johansson, P.	Localized states model of GeS ₂ glasses based on electronic states of GenSm clusters calculated by using TD-DFT method (2005) Journal of Optoelectronics and Advanced Materials, 7 (4), pp. 1881-1888.	Scopus
1059.	Shchurova, T., Savchenko, N., Rubish, V.M., Rubish, V.V., Spesiviykh, A., Opachko, I.	Electrical and optical properties of Sb _x S _{1-x} alloys (2005) Journal of Optoelectronics and Advanced Materials, 7 (4), pp. 2021-2027.	Scopus
1060.	Mitsa, A.V., Fekeshgazy, I.V., Ugrin, A.V.	Optical coatings based on non-crystalline films with transition substrate-film layers: Sims and auger profiles (2005) Journal of Optoelectronics and Advanced Materials, 7 (4), pp. 1807-1812.	Scopus
1061.	Shpak, I.I., Kranjčec, M., Studenyak, I.P.	Optical constants of electron-irradiated As ₂ S ₃ chalcogenide glasses (2005) Journal of Optoelectronics and Advanced Materials, 7 (4), pp. 2017-2020.	Scopus
1062.	Shpak, I.I., Kranjčec, M., Studenyak, I.P.	Optical constants of electron-irradiated As ₂ S ₃ chalcogenide glasses (2005) Journal of Optoelectronics and Advanced Materials, 7 (4), pp. 2017-2020.	Scopus
1063.	Kranjčec, M., Studenyak, I.P., Azhniuk, Y.M.	Photoluminescence and optical absorption spectra of γ 1-(GaxIn _{1-x}) ₂ Se ₃ mixed crystals (2005) Physica Status Solidi (B) Basic Research, 242 (10), pp. 2113-2120.	Scopus
1064.	Franssen, G., Suski, T., Perlin, P., Bohdan, R., Bercha, A., Trzeciakowski, W., Makarowa, I., Prystawko, P., Leszczyński, M., Grzegory, I., Porowski, S., Kokenyesi, S.	Fully-screened polarization-induced electric fields in blueviolet InGaNGaN light-emitting devices grown on bulk GaN	Scopus

		(2005) Applied Physics Letters, 87 (4), с т а т ь я №.041109, .	
1065.	Duelli, P., Chumak, V., Obrist, M.K., Wirz, P.	The biodiversity values of European virgin forests (2005) Forest Snow and Landscape Research, 79 (1-2), pp. 91-100.	Scopus
1066.	Chumak, V., Duelli, P., Rizun, V., Obrist, M.K., Wirz, P.	Arthropod biodiversity in virgin and managed forests in Central Europe (2005) Forest Snow and Landscape Research, 79 (1-2), pp. 101-110.	Scopus
1067.	Shuaibov, A.K., Grabovaya, I.A.	Electric-discharge source of steady-state UV-VUV radiation from iodine atoms and iodine-containing molecules (2005) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 72 (7), pp. 544-547.	Scopus
1068.	Shkumbatiuk, R., Bazel, Y.R., Andruch, V., Török, M.	Investigation of 2-[(E)-2-(4-diethylaminophenyl)-1-ethenyl]-1,3,3-trimethyl-3H-indolium as a new highly sensitive reagent for the spectrophotometric determination of nitrophenols (2005) Analytical and Bioanalytical Chemistry, 382 (6), pp. 1431-1437.	Scopus
1069.	Stetsyuk, P.I., Mitsa, A.B.	Parameter optimization problems for multilayer optical coatings (2005) Cybernetics and Systems Analysis, 41 (4), pp. 564-571.	Scopus
1070.	Shuaibov, A.K., Grabovaya, I.A., Shimon, L.L.	A high-power low-pressure iodine lamp pumped by glow discharge (2005) Technical Physics Letters, 31 (2), pp. 103-105.	Scopus
1071.	Trunov, M.L.	Light-induced plasticity in chalcogenide glasses: Evolution of plastic properties under irradiation (2005) Journal of Optoelectronics and Advanced Materials, 7 (3), pp. 1223-1229.	Scopus
1072.	Malyovanik, M., Shipljak, M., Cheresnya, V., Ivan, I., Kokenyesi, S., Csik, A.	Stimulated transformations in nano-layered composites with Se 0.6Te0.4 (2005) Journal of Optoelectronics and Advanced Materials, 7 (3), pp. 1451-1456.	Scopus
1073.	Popik, T.Yu., Feyer, V.M., Shpenik, O.B., Popik, Yu.V.	Effect of Ge(111) surface treatment on low-energy electron backscattering (2005) Journal of Optoelectronics and Advanced Materials, 7 (3), pp. 1539-1546.	Scopus
1074.	Sharkany, J.P., Korposh, S.O., Batori-Tarci, Z.I., Trikur, I.I., Ramsden, J.J.	Bacteriorhodopsin-based biochromic films for chemical sensors (2005) Sensors and Actuators, B: Chemical, 107 (1 SPEC. ISS.), pp. 77-81.	Scopus
1075.	Evrij, M.J., Borovik Jr., A.A., Shimon, L.L., Kontros, J.E., Borovik, A.A.	Resonance excitation of the 3p6-subshell in potassium: Contribution to the single ionization (2005) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 233 (1-4), pp. 280-283.	Scopus
1076.	Haysak, I., Fekete, Yu., Morokhovych, V., Chalupka, S., Salak, M.	Spin effects in two quark system and mixed states (2005) Czechoslovak Journal of Physics, 55 (5), pp. 541-554.	Scopus
1077.	Keilbaugh, S.A., Shin, M.E., Banchereau, R.F., McVay, L.D., Boyko, N., Artis, D., Cebra, J.J., Wu, G.D.	Activation of RegIII β/γ and interferon γ expression in the intestinal tract of SCID mice: An innate	Scopus

		response to bacterial colonisation of the gut (2005) Gut, 54 (5), pp. 623-629.	
1078.	Vasylyeva, H.V., Strelko, V.V., Patrylyak, S.M., Yakovlyev, N.N., Pylypchenko, V.A., Khimich, I.V.	Radiochemical studies of state of lanthanum microamounts in water solution (2005) Journal of Molecular Liquids, 118 (1-3), pp. 41-44.	Scopus
1079.	Shuaibov, A.K., Grabovaya, I.A.	Emission characteristics of a glow discharge in a mixture of heavy inert gases with iodine vapor (2005) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 98 (4), pp. 510-513.	Scopus
1080.	Lazur, V.Yu., Reity, O.K., Rubish, V.V.	WKB method for the Dirac equation with a scalar-vector coupling (2005) Theoretical and Mathematical Physics, 143 (1), pp. 559-582.	Scopus
1081.	Mitsa, A., Mitsa, V., Ugrin, A.	Mathematical modeling of spectral characteristics of optical coatings with slightly inhomogeneous chalcogenide films (2005) Journal of Optoelectronics and Advanced Materials, 7 (2), pp. 955-962.	Scopus
1082.	Mateleshko, N., Mitsa, V., Veres, M., Koos, M.	Investigation of nanophase separation in glassy as ₄₀ Se ₆₀ using raman scattering and AB initio calculations (2005) Journal of Optoelectronics and Advanced Materials, 7 (2), pp. 991-996.	Scopus
1083.	Trunov, M.L., Dub, S.N., Shmegeera, R.S.	Photo-induced transition from elastic to plastic behavior in amorphous As-Se films studied by nanoindentation (2005) Journal of Optoelectronics and Advanced Materials, 7 (2), pp. 619-624.	Scopus
1084.	Zatsarinny, O., Bartschat, K., Bandurina, L., Gedeon, V.	Electron-impact excitation of carbon (2005) Physical Review A - Atomic, Molecular, and Optical Physics, 71 (4), с т а т ь я №.042702, .	Scopus
1085.	Canário, A.R., Bandourine, Yu., O.grizzi, Lugo, J., Guillemot, L., Esaulov, V.A.	He ⁺ scattering on a TiO ₂ (1 1 0) surface (2005) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 230 (1-4), pp. 311-316.	Scopus
1086.	Studeniyak, I.P., Kranjčec, M., Nahusko, O.T., Borets, O.M.	Influence of Hf→Zr substitution on optical and refractometric parameters of Hf _{1-x} Zr _x O ₂ thin films (2005) Thin Solid Films, 476 (1), pp. 137-141.	Scopus
1087.	Shuaibov, A.K., Chuchman, M.P.	Spectroscopic diagnostics of the laser erosion plasma of an AgGa ₂ S ₂ polycrystalline target (2005) Technical Physics, 50 (1), pp. 113-116.	Scopus
1088.	Shpak, I.I., Yevych, R.M., Perechinskiĭ, S.I., Hryha, É.M., Gad'mashi, Z.P., Bletskan, D.I., Vysochanskiĭ, Yu.M., Slivka, V.Yu.	Rayleigh-Brillouin light scattering in chalcogenide glasses of the Ge-Sb-S system (2005) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 98 (3), pp. 411-414.	Scopus
1089.	Shuaibov, A.K., Grabovaya, I.A.	Electrodischarge ultraviolet xenon/iodine lamp (2005) Journal of Applied Spectroscopy, 72 (2), pp. 262-265.	Scopus

1090.	Peresh, E.Yu., Sidei, V.I., Zubaka, O.V.	Phase relations in the systems A₂TeI₆-Tl₂TeI₆(A = K, Rb, Cs) and A₂TeBr₆-A₂TeI₆(A = K, Rb, Cs, Tl(I)) (2005) Inorganic Materials, 41 (3), pp. 298-302.	Scopus
1091.	Malinin, A.N.	Optical characteristics of the gas-discharge plasma of working mixtures in an excimer HgBr/HgI radiation source (2005) Quantum Electronics, 35 (3), pp. 243-251.	Scopus
1092.	Yegidis, B.L., Robinson, M.M., Toyt-Korshinska, M., Havyryluk, N.O., Westbrook, T.W.	Ukrainian women in the new economy (2005) International Social Work, 48 (2), pp. 213-222.	Scopus
1093.	Adarsh, K.V., Sangunni, K.S., Kokenyesi, S., Ivan, I., Shipljak, M.	Enhancement of photoluminescence intensity by photoinduced interdiffusion in nanolayered a-Se/As₂S₃films (2005) Journal of Applied Physics, 97 (4), с т а т ь я №.044314, .	Scopus
1094.	Suran, V.V., Bondar, I.I.	Cascade mechanism of formation of doubly charged ions upon multiphoton ionization of barium atoms by linearly and circularly polarized radiation ($\omega = 16800-18700$ cm⁻¹) (2005) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 98 (2), pp. 175-181.	Scopus
1095.	Hlinka, J., Currat, R., De Boissieu, M., Livet, F., Vysochanskii, Yu.M.	Two-length-scale behavior near the ferroelectric phase transition of Sn₂P₂S₆ (2005) Physical Review B - Condensed Matter and Materials Physics, 71 (5), с т а т ь я №.052102, .	Scopus
1096.	Shuaibov, A.K., Grabovaya, I.A.	A continuously emitting electric discharge UV lamp (2005) Instruments and Experimental Techniques, 48 (1), pp. 102-104.	Scopus
1097.	Jazbinsek, M., Bach, T., Montemezzani, G., Günter, P., Grabar, A.A., Vysochanskii, Y.M.	Optical phase conjugators for near-infrared diode lasers using Sn₂P₂S₆ crystals (2005) Optics InfoBase Conference Papers, .	Scopus
1098.	Mar'yan, M., Szasz, A., Szendro, P., Kikineshy, A.	Synergetic model of the formation of non-crystalline structures (2005) Journal of Non-Crystalline Solids, 351 (2), pp. 189-193.	Scopus
1099.	Jazbinšek, M., Haertle, D., Montemezzani, G., Günter, P., Grabar, A.A., Stoika, I.M., Vysochanskii, Y.M.	Wavelength dependence of visible and near-infrared photorefraction and phase conjugation in Sn₂P₂S₆ (2005) Journal of the Optical Society of America B: Optical Physics, 22 (11), pp. 2459-2467.	Scopus
1100.	Günter, P., Haertle, D., Bach, T., Jazbinšek, M., Montemezzani, G., Grabar, A.A., Stoika, I.M., Vysochanskii, Y.M.	Sn₂P₂S₆ for near-infrared photorefractive applications (2005) Optics InfoBase Conference Papers, pp. 2-7.	Scopus
1101.	Günter, P., Haertle, D., Bach, T., Jazbinšek, M., Montemezzani, G., Grabar, A.A., Stoika, I.M., Vysochanskii, Yu.M.	Sn₂P₂S₆ for near-infrared photorefractive applications (2005) OSA Trends in Optics and Photonics Series, 99, pp. 2-7.	Scopus

1102.	Moriya, K., Kariya, N., Inaba, A., Matsuo, T., Pritz, I., Vysochanskii, Y.M.	Low-temperature calorimetric study of phase transitions in CuCrP2S6 (2005) Solid State Communications, 136 (3), pp. 173-176.	Scopus
1103.	Eliseev, P.G., Adamiec, P., Bercha, A., Dybała, F., Bohdan, R., Trzeciakowski, W.A.	Anomalous differential resistance change at the oscillation threshold in quantum-well laser diodes (2005) IEEE Journal of Quantum Electronics, 41 (1), pp. 9-14.	Scopus
1104.	Buchnev, O., Ouskova, E., Reznikov, Y., Reshetnyak, V., Kresse, H., Grabar, A.	Enhanced dielectric response of liquid crystal ferroelectric suspension (2004) Molecular Crystals and Liquid Crystals, 422, pp. 47/[317]-55/[325].	Scopus
1105.	Sidey, V.	A simplified correction function for the effect of surface roughness in X-ray powder diffraction (2004) Journal of Applied Crystallography, 37 (6), pp. 1013-1014.	Scopus
1106.	Shuaibov, A.K., Shimon, L.L., Hrabova, I.A.	Emissive characteristics of small density electro-discharge plasma on mixes of inert gases (2004) Journal of Physical Studies, 8 (4), pp. 338-345.	Scopus
1107.	Barchij, I.E.	Formation and properties of ternary compounds in ternary AI,III-BVI-CVII systems (2004) Ukrainskij	Scopus
1108.	Rubish, V.M., Dobosh, M.V., Shtets, P.P., Shpak, I.I., Rubish, V.V., Yurkin, I.M., Semak, D.G., Fedelech, V.I.	Crystallization parameters of non-crystalline antimony chalcogenides (2004) Journal of Physical Studies, 8 (2), pp. 178-182.	Scopus
1109.	Holomb, R.M., Mitsa, V.M.	Simulation of Raman spectra of AsxS100-x glasses by the results of AB initio calculations of AsnSm clusters vibrations (2004) Journal of Optoelectronics and Advanced Materials, 6 (4), pp. 1177-1184.	Scopus
1110.	Shuaibov, A.K., Chuchman, M.P., Shimon, L.L.	Spectroscopic diagnostics of the laser erosion plasma of lead (2004) Technical Physics Letters, 30 (12), pp. 1042-1044.	Scopus
1111.	Bercha, D.M., Slipukhina, I.V., Sznajder, M., Rushchanskii, K.Z.	Elementary energy bands in the band structure of the narrow-band-gap semiconductor CdSb (2004) Physical Review B - Condensed Matter and Materials Physics, 70 (23), pp. 1-8.	Scopus
1112.	Gomonnai, A.V., Azhniuk, Yu.M., Vysochanskii, Yu.M., Prits, I.P., Voynarovych, I.M., Maior, M.M., Lopushansky, V.V.	Raman scattering in chalcogenide-based ferroelectrics: From bulk to nanoscale (2004) Physica Status Solidi C: Conferences, 1 (11), pp. 3166-3169.	Scopus
1113.	Machulin, V.F., Motsnyi, F.V., Peresh, E.Yu., Smolanka, O.M., Svechnikov, G.S.	Effect of temperature variation on shift and broadening of exciton band in Cs3Bi2I9 layered crystals (2004) Fizika Nizkikh Temperatur (Kharkov), 30 (12), pp. 1283-1286.	Scopus
1114.	MacHulin, V.F., Motsnyi, F.V., Smolanka, O.M., Svechnikov, G.S., Peresh, E.Yu.	Effect of temperature variation on shift and broadening of the exciton band in Cs3Bi2I9layered crystals (2004) Low Temperature Physics, 30 (12), pp. 964-967.	Scopus

1115.	Bazel, Ya.R., Shkumbatyuk, R.S.	Extraction and spectrophotometric determination of small amounts of nitrophenols by means of basic styryl dyes (2004) <i>Ukrainskij Khimicheskij Zhurnal</i> , 70 (3-4), pp. 60-64.	Scopus
1116.	Malyovanik, M., Kikineshi, A., Messaddeq, S.H., Messaddeq, Y., Ivan, I., Ribeiro, S.J.L.	Photo-induced transformations in chalcogenide composite layers (2004) <i>Journal of Non-Crystalline Solids</i> , 348, pp. 144-148.	Scopus
1117.	Adamiec, P., Salhi, A., Bohdan, R., Bercha, A., Dybala, F., Trzeciakowski, W., Rouillard, Y., Joullié, A.	Pressure-tuned InGaAsSb/AlGaAsSb diode laser with 700 nm tuning range (2004) <i>Applied Physics Letters</i> , 85 (19), pp. 4292-4294.	Scopus
1118.	Shpak, I.I., Evich, R.M., Gad'mashi, Z.P., Perechinskii, S.I., Vysochanskii, Yu.M., Slivka, V.Yu.	Rayleigh and Mandelstam-Brillouin light scattering in chalcogenide glasses of the As-S system (2004) <i>Journal of Applied Spectroscopy</i> , 71 (6), pp. 902-906.	Scopus
1119.	Kondrat, A.B., Popovich, N.I., Dovgoshej, N.I.	Effect of modifying a Bi nanolayer on the charge transport in Sb-n-Si-Bi-Ge ₃₃ As ₁₂ Se ₅₅ -Sb heterostructures (2004) <i>Semiconductors</i> , 38 (11), pp. 1298-1301.	Scopus
1120.	Shuaibov, A.K., Shevera, I.V., General, A.A.	Low-pressure ultraviolet emitter utilizing chlorine and krypton chloride molecules (2004) <i>High Temperature</i> , 42 (6), pp. 875-878.	Scopus
1121.	Khripak, S.M., Plesha, M.V., Slivka, M.V., Yakubets, V.I., Krivovyaz, A.A.	Synthesis and reactivity of 1-bromomethyl-5-oxo-4-phenyl-1,2,4,5,6,7,8,9-octahydrobenzo[4,5]thieno[3,2-e][1,3]oxazolo[3,2-a]-pyrimidin-11-ium bromides (2004) <i>Russian Journal of Organic Chemistry</i> , 40 (11), pp. 1705-1706.	Scopus
1122.	Rubish, V.V., Lazur, V.Yu., Dobosh, V.M., Chalupka, S., Salák, M.	Non-geometrical symmetry and separation of variables in the two-centre problem with a confinement-type potential (2004) <i>Journal of Physics A: Mathematical and General</i> , 37 (42), pp. 9951-9963.	Scopus
1123.	Guivan, N.N., Janca, J., Brablec, A., St'ahel, P., Slavicek, P., Shimon, L.L.	Planar UV excimer lamp excited by surface barrier discharge (2004) <i>Institute of Physics Conference Series</i> , 182, pp. 535-536.	Scopus
1124.	Malinin, A.N.	Quenching efficiency of the B ₂ Σ ^{1/2+} state of mercury monoiodide and monobromide in the presence of mercury dihalides in a gas-discharge plasma for multicomponent mixtures of excimer sources of radiation (2004) <i>Laser Physics</i> , 14 (10), pp. 1290-1295.	Scopus
1125.	Shuaibov, A.K., Chuchman, M.P., Dashchenko, A.I.	Spectroscopic diagnostics of a laser erosion plasma formed from CuSbS ₂ polycrystals (2004) <i>Optics and Spectroscopy (English translation of Optika i Spektroskopiya)</i> , 97 (4), pp. 633-639.	Scopus
1126.	Trunov, M.L.	Direct observation of the photoinduced evolution of the plastic properties of glassy semiconductors	Scopus

		(2004) Technical Physics Letters, 30 (10), pp. 865-867.	
1127.	Zatsarinnyi, O.I., Bandurina, L.A., Gedeon, V.F.	R-matrix calculations of the integral electron-impact excitation cross sections of the ground state of the barium atom (2004) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 97 (4), pp. 499-507.	Scopus
1128.	Mel'Nichenko, T.D., Rizak, V.M., Mel'Nichenko, T.N., Fedelesh, V.I.	Parameters of the fluctuation free volume theory for glasses in the Ge-As-Se system (2004) Glass Physics and Chemistry, 30 (5), pp. 406-414.	Scopus
1129.	Rubish, V.V., Lazur, V.Yu., Reity, O.K., Chalupka, S., Salak, M.	The WKB method for the Dirac equation with the vector and scalar potentials (2004) Czechoslovak Journal of Physics, 54 (9), pp. 897-919.	Scopus
1130.	Shuaibov, A.K., Shimon, L.L., Grabovaya, I.A.	Production of XeI(B) and I2(B) molecules in the plasma of a steady electric discharge in Xe/I2 mixtures (2004) Plasma Physics Reports, 30 (8), pp. 710-713.	Scopus
1131.	Motsnyi, F.V., Peresh, E.Yu., Smolanka, O.M.	Nontraditional temperature shift of the fundamental absorption edge for layered substances and the ferroelastic phase transition in Cs 3Bi2I9 (2004) Solid State Communications, 131 (7), pp. 469-471.	Scopus
1132.	Bandurin, Yu., Esaulov, V.A., Guillemot, L., Monreal, R.C.	Auger neutralization of He ions on Ag surfaces: Surface type and azimuthal orientation dependence (2004) Physica Status Solidi (B) Basic Research, 241 (10), pp. 2367-2373.	Scopus
1133.	Trunov, M.L., Bilanich, V.S.	The brittle-to-ductile transition of As-S (Se) films under the action of light (2004) Thin Solid Films, 459 (1-2), pp. 228-232.	Scopus
1134.	Evich, R.M., Perechinskiĭ, S.I., Gad'mashi, Z.P., Shpak, I.I., Vysochanskiĭ, Yu.M., Slivka, V.Yu.	Rayleigh-Brillouin scattering in chalcogenide glasses of the Ge-As-S system (2004) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 97 (1), pp. 76-79.	Scopus
1135.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Emission characteristics of a low-density plasma based on a helium-chlorine mixture (2004) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 97 (1), pp. 6-8.	Scopus
1136.	Shuaibov, A.K., Shimon, L.L., Grabovaya, I.A.	A broadband excimer-halogen emitter utilizing xenon bromide and iodide (2004) High Temperature, 42 (4), pp. 645-647.	Scopus
1137.	Choi, S.K., Kang, B.S., Cho, Y.W., Vysochanskiĭ, Y.M.	Diffuse dielectric anomaly in ferroelectric materials (2004) Journal of Electroceramics, 13 (1-3), pp. 493-502.	Scopus
1138.	Samulionis, V., Banys, J., Vysochanskiĭ, Yu.	Acoustoelectric effects in Sn2P2S6-type ferroelectric semiconductors (2004) Physica Status Solidi (A) Applied Research, 201 (9), pp. 2143-2147.	Scopus
1139.	Mateleshko, N., Mitsa, V., Holomb, R.	Structural studies of technologically modified GeS2 glasses and film	Scopus

		(2004) Physica B: Condensed Matter, 349 (1-4), pp. 30-34.	
1140.	Kikineshi, A., Malyovanik, M., Messaddeq, Y., Pinzenik, V., Shpiyak, M., Beke, D.L.	Photo-induced transformations in chalcogenide nanocomposite layers (2004) Journal of Non-Crystalline Solids, 338-340 (1 SPEC. ISS.), pp. 561-564.	Scopus
1141.	Stefanovich, V.A., Suslikov, L.M., Gad'mashi, Z.P., Peresh, E.Yu., Sideř, V.I., Zubaka, O.V., Galagovets, I.V.	Optical phonons in Rb₂TeBr₆ and Cs₂TeBr₆ crystals (2004) Physics of the Solid State, 46 (6), pp. 1024-1026.	Scopus
1142.	Kryshenik, V.M., Mikla, V.I., Ivanitsky, V.P.	Evidence for self-organization phenomenon in as-evaporated amorphous chalcogenide films (2004) Journal of Optoelectronics and Advanced Materials, 6 (2), pp. 429-440.	Scopus
1143.	Sznajder, M., Bercha, D.M., Rushchanskii, K.Z.	Elementary energy bands in band structure calculations of some wide-bandgap crystals (2004) Physica Status Solidi C: Conferences, 1 (2), pp. 304-307.	Scopus
1144.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Characteristics of a transverse RF discharge in Xe/Cl₂ mixtures (2004) Plasma Physics Reports, 30 (5), pp. 437-441.	Scopus
1145.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Longitudinal rf discharge in Xe/Cl₂ mixtures (2004) Technical Physics, 49 (5), pp. 647-650.	Scopus
1146.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Longitudinal rf discharge in Xe/Cl₂ mixtures (2004) Technical Physics, 49 (5), pp. 647-650.	Scopus
1147.	Bohdan, R., Bercha, A., Adamiec, P., Dybala, F., Trzeciakowski, W.	A fiber feedthrough for a semiconductor laser located in a high hydrostatic pressure cell (2004) Instruments and Experimental Techniques, 47 (3), pp. 422-424.	Scopus
1148.	Kranjčec, M., Studenyak, I.P., Bilanchuk, V.V., Dyordyay, V.S., Panko, V.V.	Compositional behaviour of Urbach absorption edge and exciton-phonon interaction parameters in Cu₆PS₅I_{1-x}Br_x superionic mixed crystals (2004) Journal of Physics and Chemistry of Solids, 65 (5), pp. 1015-1020.	Scopus
1149.	Shuaibov, A.K., Grabovaya, I.A.	Electric-Discharge He/Xe/12Excimer-Halogen UV Lamp (2004) Technical Physics, 49 (4), pp. 443-446.	Scopus
1150.	Motrya, S.F., Kovach, S.K., Stasyuk, Yu.M.	Synthesis and photoelectrochemical properties of Cd_{4-x}Hg_xGeS₆ solid solutions (2004) Inorganic Materials, 40 (4), pp. 340-343.	Scopus
1151.	Bondar', I.I., Suran, V.V., Bondar', D.I.	Determination of the spatial distribution of focused laser radiation from the shape of the stark resonance profile (2004) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 96 (4), pp. 595-598.	Scopus
1152.	Glukhov, K.E., Bercha, A.I., Korbutyak, D.V., Litovchenko, V.G.	Energy States in Short-Period Symmetrical and Asymmetrical (GaAs)N/(AlAs)_M Superlattices: The Effect of the Boundary Conditions (2004) Semiconductors, 38 (4), pp. 410-418.	Scopus

1153.	Kranjčec, M., Studenyak, I.P., Suslikov, L.M., Kovács, Gy.Sh., Cerovec, E.	Birefringence in γ 1-(GaxIn1-x)2Se3 single crystals (2004) Optical Materials, 25 (3), pp. 307-312.	Scopus
1154.	Lazur, V.Yu., Khoma, M.V., Janev, R.K.	Partial expansion of the two-centre Coulomb Green's function for the eZZ system (2004) Journal of Physics B: Atomic, Molecular and Optical Physics, 37 (6), pp. 1245-1266.	Scopus
1155.	Minets, Yu.V., Voroshilov, Yu.V., Pan'ko, V.V.	The structures of mercury chalcogenhalogenides Hg3X 2Hal2 (2004) Journal of Alloys and Compounds, 367 (1-2), pp. 109-114.	Scopus
1156.	Sidey, V.I., Zubaka, O.V., Solomon, A.M., Kun, S.V., Peresh, E.Yu.	X-ray powder diffraction studies of Tl2TeBr6 and Tl2TeI6 (2004) Journal of Alloys and Compounds, 367 (1-2), pp. 115-120.	Scopus
1157.	Mateleshko, N., Mitsa, V., Sikora, S.	Electrooptical properties of DC electroluminescent ZnS:Mn,Cu powder panels with chalcogenide glass intermediate layer (2004) Journal of Optoelectronics and Advanced Materials, 6 (1), pp. 329-332.	Scopus
1158.	Holomb, R., Mitsa, V.	Boson peak of AsxS1-x glasses and theoretical calculations of low frequencies clusters vibrations (2004) Solid State Communications, 129 (10), pp. 655-659.	Scopus
1159.	Motrya, S.F., Prits, I.P., Voroshilov, Yu.V., Potoriĭ, M.V., Balog, Ĭ.S., Tovt, V.V.	Physicochemical interactions in the CuInP2S6- CuInP2Se6 system (2004) Russian Journal of Inorganic Chemistry, 49 (3), pp. 481-484.	Scopus
1160.	Trunov, M.L., Bilanich, V.S.	Polarization - Dependent photoplastic effect in As50Se 50 chalcogenide glasses (2004) Journal of Optoelectronics and Advanced Materials, 6 (1), pp. 157-162.	Scopus
1161.	Bercha, D.M., Kharkhalis, L.Yu., Sznajder, M., Glukhov, K.E.	Covalent bridges - An induced modification of the conduction band in layered crystals (2004) Physica Status Solidi (B) Basic Research, 241 (4), pp. 845-855.	Scopus
1162.	Bilanych, V.S., Baĭsa, N.D., Rizak, V.M., Rizak, I.M.	Effect of Gamma Irradiation on Internal Friction in Lithium Tetraborate (2004) Physics of the Solid State, 46 (3), pp. 466-469.	Scopus
1163.	Minets, Yu.V., Voroshilov, Yu.V., Pan'ko, V.V., Khudolii, V.A.	Phase equilibria in the HgSe-HgBr2-HgI2 system and crystal structure of Hg3Se2Br2 and Hg 3Se2I2 (2004) Journal of Alloys and Compounds, 365 (1-2), pp. 121-125.	Scopus
1164.	Suski, T., Franssen, G., Perlin, P., Bohdan, R., Bercha, A., Adamic, P., Dybala, F., Trzeciakowski, W., Prystawko, P., Leszczyński, M., Grzegory, I., Porowski, S.	A pressure-tuned blue-violet InGaN/GaN laser diode grown on bulk GaN crystal (2004) Applied Physics Letters, 84 (8), pp. 1236-1238.	Scopus
1165.	Rogulich, V.S., Shimon, L.L.	Broadband Emission Spectrum of a Continuous Plasma Jet in a Mixture of Noble Gases with SF6 Molecules (2004) Technical Physics, 49 (2), pp. 275-276.	Scopus
1166.	Shuaibov, A.K., Chuchman, M.P., Shimon, L.L.	Emission Characteristics of a Lead Erosion Laser Plasma	Scopus

		(2004) Technical Physics, 49 (2), pp. 272-274.	
1167.	Malinin, A.N., Polyak, A.V., Blonskiy, I.V., Zubrilin, N.G.	Excimer Source of Radiation for Photobiology (2004) Technical Physics, 49 (2), pp. 214-217.	Scopus
1168.	Bandurin, Yu., Esaulov, V.A., Guillemot, L., Monreal, R.C.	Surface Miller Index Dependence of Auger Neutralization of Ions on Surfaces (2004) Physical Review Letters, 92 (1), с т а т ь я №.017601, pp. 176011-176014.	Scopus
1169.	Motsa, A.I.	Professor yuriĭ petrovich studnev (On the 80th anniversary of his birth) (2004) Theory of Probability and Mathematical Statistics, 68, pp. 117-122.	Scopus
1170.	Vysochanskii, Yu.M., Beley, L., Perechinskii, S., Gurzan, M., Molnar, O., Mykajlo, O., Tovt, V., Stephanovich, V.	Phase transitions and disordering effects in CuInP2S(Se) 6 Layered Ferrielectrics (2004) Ferroelectrics, 298, pp. 361-366.	Scopus
1171.	Bondar, I.I., Suran, V.V., Bondar, D.I.	Dependence of Doubly Charged Ion Formation by the Two-Electron Mechanism on the Intensity of Laser Radiation (2004) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 96 (1), pp. 16-20.	Scopus
1172.	Evich, R.M., Perechinskii, S.I., Gad'mashi, Z.P., Shpak, I.I., Vysochanskii, Yu.M., Slivka, V.Yu.	Mandelsham-Brillouin scattering in As2S3 and GeS2 chalcogenide glasses (2004) Glass Physics and Chemistry, 30 (1), pp. 14-16.	Scopus
1173.	Yevych, R.M., Perechinskii, S.I., Grabar, A.A., Vysochanskii, Yu.M.	Temperature investigations of hypersound velocities in Sn2P 2(SexS1-x)6 ferroelectric mixed crystals (2004) Ferroelectrics, 298, pp. 97-101.	Scopus
1174.	Polyak, I.Y.	An estimate of the rate of convergence to the normal law (2004) Theory of Probability and Mathematical Statistics, 68, pp. 123-125.	Scopus
1175.	Bondar, I.I., Suran, V.V., Bondar, D.I.	Effect of the Spatial Distribution of Laser Radiation on the Ion Yield for the Two-Electron Mechanism of Doubly Charged Ion Formation (2004) Laser Physics, 14 (1), pp. 64-70.	Scopus
1176.	Rushchanskii, K.Z.	The Influence of Hydrostatic Pressure on the Static and Dynamic Properties of an InSe Crystal: A First-Principles Study (2004) Physics of the Solid State, 46 (1), pp. 179-187.	Scopus
1177.	Rizak, V.M., Rizak, I.M., Bilanych, V.S., Prits, I.P.	Infralow-frequency mechanical properties of Sn2P2S6single crystal (2004) Ferroelectrics, 307, pp. 119-125.	Scopus
1178.	Kozachenko, Y.V., Slivka, G.I.	Justification of the fourier method for hyperbolic equations with random initial conditions (2004) Theory of Probability and Mathematical Statistics, 69, pp. 67-83.	Scopus
1179.	Guivan, N.N., Shimon, L.L., Janča, J., Brablec, A., Šťáhel, P., Slavíček, P.	Excitation of XeCl and KrCl excimer molecules by surface barrier discharge (2004) Czechoslovak Journal of Physics, 54 (SUPPL. 3), pp. C574-C579.	Scopus
1180.	Sznajder, M., Bercha, D.M., Rushchanskii, K.Z.	Elementary energy bands in band structure calculations of some wide-bandgap crystals	Scopus

		(2004) Physica Status Solidi (A) Applied Research, 201 (2), pp. 304-307.	
1181.	Tyagur, Yu., Burianova, L., Tyagur, I., Kopal, A., Hana, P.	The investigation of dynamic piezoelectric properties of Sn₂P₂S₆ single crystals (2004) Ferroelectrics, 300, pp. 165-171.	Scopus
1182.	Tyagur, Yu., Burianova, L., Tyagur, I., Kopal, A., Hana, P.	The investigation of dynamic piezoelectric properties of Sn₂P₂S₆ single crystals (2004) Ferroelectrics, 300, pp. 165-171.	Scopus
1183.	Bovdi, V.A., Gudivok, P.M., Rudko, V.P.	Torsion-free crystallographic groups with indecomposable holonomy group. II (2004) Journal of Group Theory, 7 (4), pp. 555-569.	Scopus
1184.	Lazur, V.Y., Khoma, M.V., Chalupka, S., Salak, M., Janev, R.K.	Partial expansion of the two-center Coulomb Green's function (2004) Acta Physica Slovaca, 54 (1), pp. 57-80.	Scopus
1185.	Motrya, S.F., Voroshilov, Yu.V., Balog, I.S., Prits, I.P., Visochanskij, Yu.M., Khudolij, V.O.	Physicochemical interaction in the CuInP₂S₆-CuCrP₂S₆ system (2003) Ukrainskij Khimicheskij Zhurnal, 69 (9-10), pp. 77-81.	Scopus
1186.	Rubish, V.M., Shtets, P.P., Rubish, V.V., Semak, D.G., Tsizh, B.R.	Optical media for information recording based on amorphous layers of Sb-Se-In system (2003) Journal of Optoelectronics and Advanced Materials, 5 (5), pp. 1193-1197.	Scopus
1187.	Trunov, M.L., Bilanich, V.S.	Photoplastic phenomena in chalcogenide glasses (2003) Journal of Optoelectronics and Advanced Materials, 5 (5), pp. 1085-1091.	Scopus
1188.	Shpak, I.I., Studenyak, I.P., Kranjčec, M.	Optical absorption edge and structural disorder in electron-irradiated As₂S₃ chalcogenide glasses (2003) Journal of Optoelectronics and Advanced Materials, 5 (5), pp. 1135-1138.	Scopus
1189.	Malyovanik, M., Ivan, I., Kikineshi, A., Mojzes, I., Shiplyak, M., Szabo, I., Torok, J.	Photo-induced transformations in metal-chalcogenide composite layers (2003) Journal of Optoelectronics and Advanced Materials, 5 (5), pp. 1199-1202.	Scopus
1190.	Canário, A.R., Sanchez, E.A., Bandurin, Yu., Esaulov, V.A.	Growth of Ag nanostructures on TiO₂(1 1 0) (2003) Surface Science, 547 (3), pp. L887-L894.	Scopus
1191.	Malinin, A.N., Polyak, A.V.	A broadband excimer source of visible radiation with barrier discharge pumping (2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 95 (6), pp. 925-932.	Scopus
1192.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V., General, A.A.	The Optimum Characteristics of a Halogen Lamp Pumped by Transverse RF Discharge (2003) Technical Physics Letters, 29 (12), pp. 1009-1010	Scopus
1193.	Jazbinsek, M., Grabar, A.A., Kedyk, I.V., Haertle, D., Montemezzani, G., Gunter, P., Stoika, I.M., Vysochanskii, Yu.M.	Fast near infrared photorefractive and phase conjugation in Sn₂P₂S₆ (2003) Conference on Lasers and Electro-Optics Europe - Technical Digest, с т а т ь я №. 1312351, p. 290.	Scopus
1194.	Adamiec, P., Dybała, F., Bercha, A., Bohdan, R., Trzeciakowski, W.	Pressure tuning of high-power laser diodes (2003) Proceedings of SPIE - The International Society for Optical Engineering, 5120, pp. 172-177.	Scopus

1195.	Studenyyak, I.P., Kranjčec, M., Borets, O.M.	Compositional variation of optical and refractometric parameters of γ 1-(Ga _x In _{1-x}) ₂ Se ₃ mixed crystals (2003) Journal of Optoelectronics and Advanced Materials, 5 (4), pp. 865-868.	Scopus
1196.	Kovalchuk, A.A.	Role of benthic protozoa and microinvertebrates of the shallow-water zone of the kremenchug reservoir in the processes of production and decomposition (2003) Hydrobiological Journal, 39 (4), pp. 26-44.	Scopus
1197.	Bercha, A., Adamiec, P., Dybała, F., Bohdan, R., Trzeciakowski, W.	The effect of pressure and temperature on AlGaInP and AlGaAs laser diodes (2003) Proceedings of SPIE - The International Society for Optical Engineering, 4986, pp. 613-620.	Scopus
1198.	Dybała, F., Adamiec, P., Bercha, A., Bohdan, R., Trzeciakowski, W.	Wavelength tuning of laser diodes using hydrostatic pressure (2003) Proceedings of SPIE - The International Society for Optical Engineering, 4989, pp. 181-188.	Scopus
1199.	Shuaibov, A.K., Shevera, I.V., Shimon, L.L., Dashchenko, A.I.	A planar light source pumped by a transverse high-frequency discharge (2003) Pribory i Tekhnika Eksperimenta, 46 (5), pp. 120-123.	Scopus
1200.	Adamiec, P., Dybała, F., Bercha, A., Bohdan, R., Trzeciakowski, W., Osinski, M.	Pressure tuning of high-power laser diodes (2003) Proceedings of SPIE - The International Society for Optical Engineering, 4973, pp. 158-165.	Scopus
1201.	Mikla, V.I., Kryshenik, V.M.	Investigation of anisotropy in as-evaporated amorphous chalcogenide thin films by optical waveguiding (2003) Journal of Non-Crystalline Solids, 330 (1-3), pp. 33-38.	Scopus
1202.	Shafranyosh, I.I., Marushka, V.I.	The Spectra of Electrons Scattered on Metastable Magnesium and Strontium (...nsp3P0.2) Atoms (2003) Technical Physics Letters, 29 (11), pp. 930-932.	Scopus
1203.	Malinin, A.N., Polyak, A.V.	Optical characteristics of barrier discharge plasma based on mixtures of mercury diiodide and dibromide vapors with gases (2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 95 (5), pp. 707-713.	Scopus
1204.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Controlling the Characteristics of a Repetitive Volume Discharge in CFC-12 and Its Mixtures with Argon (2003) Plasma Physics Reports, 29 (11), pp. 990-992.	Scopus
1205.	Haysak, M., Puga, P., Nagy, M., Onysko, V.	Highlights and prospects of hyperspherical approach in few-body quantum-mechanical systems (2003) Czechoslovak Journal of Physics, 53 (11), pp. 1047-1052.	Scopus
1206.	Sukharev, S.N., Sukhareva, O.Y., Chundak, S.Y.	Determination of cadmium, lead, copper and manganese in food by electrothermal atomic absorption spectrometry	Scopus

		(2003) Ukrainskij Khimicheskij Zhurnal, 69 (7-8), pp. 51-54.	
1207.	Zubaka, O.V., Peresh, Y.Y., Sidej, V.I., Kun, S.V., Krafchik, S.S.	On the interrelation between thermal stability and crystal structure of A₂TeBr₆(I6) compounds (A - K, Rb, Cs) (2003) Ukrainskij Khimicheskij Zhurnal, 69 (7-8), pp. 84-88.	Scopus
1208.	Gomonnai, A.V., Voynarovych, I.M., Solomon, A.M., Azhniuk, Yu.M., Kikineshi, A.A., Pinzenik, V.P., Kis-Varga, M., Daroczy, L., Lopushansky, V.V.	X-ray diffraction and Raman scattering in SbSI nanocrystals (2003) Materials Research Bulletin, 38 (13), pp. 1767-1772.	Scopus
1209.	Studenyyak, I.P., Mykajlo, O.A., Vysochanskii, Yu.M., Cajipe, V.B.	Optical absorption studies of phase transitions in CuCrP₂S₆ layered antiferroelectrics (2003) Journal of Physics Condensed Matter, 15 (40), pp. 6773-6779.	Scopus
1210.	Bletskan, D.I., Kabacij, V.N., Sakal, T.A., Stefanovych, V.A.	Structure and vibrational spectra of MIIAIVB₃VI-type crystalline and glassy semiconductors (2003) Journal of Non-Crystalline Solids, 326-327, pp. 77-82.	Scopus
1211.	Studenyyak, I.P., Kran'chets, M., Suslikov, L.M.	Optical Activity of γ1-(GaxIn 1-x)₂Se₃ Crystals (2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 95 (4), pp. 599-602.	Scopus
1212.	Shuaibov, A.K., Shimon, L.L., Grabovaya, I.A.	A Xenon-Iodine Electric Discharge Bactericidal Lamp (2003) Technical Physics Letters, 29 (10), pp. 871-872.	Scopus
1213.	Kikineshi, A., Palyok, V., Szabó, I.A., Shipljak, M., Ivan, I., Beke, D.L.	Surface deformations and amplitude-phase recording in chalcogenide nanolayered structures (2003) Journal of Non-Crystalline Solids, 326-327, pp. 484-488.	Scopus
1214.	Gomonnai, A.V., Azhniuk, Y.M., Vysochanskii, Yu.M., Kikineshi, A.A., Kis-Varga, M., Daroczy, L., Prits, I.P., Voynarovych, I.M.	Raman and x-ray diffraction studies of nanometric Sn₂P₂S₆ crystals (2003) Journal of Physics Condensed Matter, 15 (37), pp. 6381-6393.	Scopus
1215.	Khimich, I.V., Plekan, R.M., Pojda, V.Yu.	The description of the energy spectrum of nuclei in the adiabatic approach (2003) Radiation Physics and Chemistry, 68 (1-2), pp. 159-163.	Scopus
1216.	Shuaibov, A.K., Shevera, I.V., Shimon, L.L., Dashchenko, A.I.	A planar light source pumped by a transverse high-frequency discharge (2003) Instruments and Experimental Techniques, 46 (5), pp. 690-693.	Scopus
1217.	Shuaibov, A.K., Shevera, I.V., Dashchenko, A.I.	Optical Characteristics of a Repetitively Pulsed Low-Pressure Discharge in a Krypton-Freon-12 Mixture (2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 95 (3), pp. 336-339.	Scopus
1218.	Studenyyak, I.P., Kran'chets, M., Suslikov, L.M., Kovach, D.Sh.	Piezobirefringence in γ11-(GaxIn1-x)₂Se₃ Single Crystals	Scopus

		(2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 95 (3), pp. 427-430.	
1219.	Popik, T.Yu., Feyer, V.M., Shpenik, O.B., Popik, Yu.V.	Low-energy electron spectroscopy of Si(1 0 0) and Ge(1 0 0) surfaces (2003) Radiation Physics and Chemistry, 68 (1-2), pp. 251-256.	Scopus
1220.	Voynarovych, I.M., Gomonnai, A.V., Solomon, A.M., Azhniuk, Yu.M., Kikineshi, A.A., Pinzenik, V.P., Kis-Varga, M., Daroczy, L., Lopushansky, V.V.	Characterization of SbSI nanocrystals by electron microscopy, X-ray diffraction and Raman scattering (2003) Journal of Optoelectronics and Advanced Materials, 5 (3), pp. 713-718.	Scopus
1221.	Barchij, I.E., Peresh, E.Yu., Haborets, N.J., Tzigika, V.V.	The TlSe-TlBr-TlI quasi-ternary system (2003) Journal of Alloys and Compounds, 358 (1-2), pp. 93-97.	Scopus
1222.	Hunda, B.M., Solomon, A.M., Hunda, T.V., Holovey, V.M., Puga, P.P., Puga, G.D.	The attachment level parametrization in the copper-doped lithium tetraborate (2003) Proceedings of SPIE - The International Society for Optical Engineering, 5024, pp. 198-203.	Scopus
1223.	Hunda, B.M., Solomon, A.M., Hunda, T.V., Puga, P.P., Bletskan, D.I., Bundash, Y.Y.	Thermostimulated luminescence and X-ray luminescence of chromium- and titanium-doped leucosapphire single crystals (2003) Proceedings of SPIE - The International Society for Optical Engineering, 5024, pp. 204-208.	Scopus
1224.	Shuaibov, A.K., Dashchenko, A.I., Shimon, L.L., Shevera, I.V.	A Planar Excimer-Halogen Radiation Source Pumped by Transverse RF Discharge (2003) Technical Physics Letters, 29 (8), pp. 624-626.	Scopus
1225.	Studeniyak, I.P., Mykajlo, O.A., Stephanovich, V.O., Gurzan, M.I., Vysochanskii, Yu.M., Cajipe, V.B.	Phase transitions and optical absorption edge in CuInP2Se6 layered ferroelectrics (2003) Physica Status Solidi (A) Applied Research, 198 (2), pp. 487-494.	Scopus
1226.	Zatsarinnyĭ, O.I., Bandurina, L.A., Gedeon, V.F.	Resonances in Electron-Impact Integral Excitation Cross Sections of the Magnesium Atom (2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 95 (2), pp. 167-175.	Scopus
1227.	Zborovskii, Yu.L., Orysyk, V.V., Dobosh, A.A., Staninets, V.I., Pirozhenko, V.V., Chernega, A.N.	Heterocyclization reactions of 2-(2-propynylthio)-4(1H)-quinazolinone derivatives when treated with electrophilic and nucleophilic reagents (2003) Chemistry of Heterocyclic Compounds, 39 (8), pp. 1099-1106	Scopus
1228.	Moriya, K., Yamada, T., Baluja, S., Matsuo, T., Pritz, I., Vysochanskii, Y.M.	Low-temperature thermal properties of Pb2P2Se6 and Pb1.424Sn0.576P2Se6 (2003) Thermochimica Acta, 403 (2), pp. 153-160. Цитировано 2 раз.	Scopus
1229.	Bletskan, D.I., Voroshilov, Yu.V., Durdinets, L.M., Migalko, P.P., Stefanovich, V.A., Kabatsiĭ, V.N.	Crystal structure and specific features of formation of vibrational spectra of Pb2GeS4 (2003) Crystallography Reports, 48 (4), pp. 573-575.	Scopus

1230.	Bereczki, D., Mihálka, L., Szatmári, S., Fekete, K., Di Cesar, D., Fülesdi, B., Csiba, L., Fekete, I.	Mannitol use in acute stroke: Case fatality at 30 days and 1 year (2003) Stroke, 34 (7), pp. 1730-1735.	Scopus
1231.	Kaynts, D.I., Studenyak, I.P., Nebola, I.I., Horvat, A.A.	Ferroelastic domains in Cu ₆ PS ₅ X (X=I, Br, Cl) crystals (2003) Ferroelectrics, 290, pp. 23-27.	Scopus
1232.	Shuaibov, A.K., Chuchman, M.P.	The parameters of laser plasmas formed using poly crystalline CuInS ₂ , copper, and indium targets (2003) Technical Physics Letters, 29 (6), pp. 485-487.	Scopus
1233.	Malyovanik, M., Shpiyak, M., Cheresnya, V., Remeta, T., Ivan, S., Kikineshi, A.	Influence of interdiffusion on the optical and electrical parameters of amorphous chalcogenide multilayers (2003) Journal of Optoelectronics and Advanced Materials, 5 (2), pp. 397-400.	Scopus
1234.	Vysochanskii, Yu., Yevych, R., Beley, L., Stephanovich, V., Mytrovcij, V., Mykajlo, O., Molnar, A., Gurzan, M.	Phonon spectra and phase transitions in CuInP ₂ (Se xS _{1-x}) ₆ ferroelectrics (2003) Ferroelectrics, 284, pp. 161-173	Scopus
1235.	Samulionis, V., Vysochanskii, Yu., Cajipe, V.	Ultrasonic and piezoelectric investigation of Sn ₂ P ₂ S ₆ type photosensitive ferroelectric-semiconductor crystals (2003) Ferroelectrics, 295, pp. 21-30.	Scopus
1236.	Rizak, V.M., Rizak, I.M., Bausa, N.D., Bilanych, V.S., Stefanovych, S.Yu., Bohuslavskii, M.B., Holovey, V.M.	Electric properties of lithium tetraborate in vitreous and crystalline states (2003) Ferroelectrics, 286, pp. 49-59.	Scopus
1237.	Shuaibov, A.K., Chuchman, M.P., Dashchenko, A.I.	Study of the dynamics of optical emission from the plasma formed during laser ablation of a polycrystalline CuInS ₂ target (2003) Technical Physics Letters, 29 (5), pp. 408-410.	Scopus
1238.	Barchii, I.E., Peresh, E.Yu., Gaborets, N.I., Tsigika, V.V.	Phase equilibria of the TlCl-TlBr-TlI system (2003) Russian Journal of Inorganic Chemistry, 48 (5), pp. 745-748.	Scopus
1239.	Shuaibov, A.K., Minya, A.I., Dashchenko, A.I.	The Degradation of the Active Medium of an Argon Fluoride Discharge Lamp with a Noncorrosive Gas Mixture (2003) High Energy Chemistry, 37 (3), pp. 191-195.	Scopus
1240.	Orysyk, V.V., Zborovskii, Yu.L., Staninets, V.I., Dobosh, A.A., Khripak, S.M.	Synthesis of thiazino- and thiazoloquinazolinones by cyclization of S-(2-propenyl) derivatives of 2-thioxo-2,3-dihydro-4(1H)-quinazolinone (2003) Chemistry of Heterocyclic Compounds, 39 (5), pp. 640-644.	Scopus
1241.	Barchij, I.E., Peresh, E.Yu., Haborets, N.J., Sabov, M.Yu., Tzigika, V.V.	Phase relations in the Tl ₂ S-Tl ₅ Se ₂ Br-TlBr ternary system (2003) Journal of Alloys and Compounds, 353 (1-2), pp. 180-183.	Scopus

1242.	Bondar, I.I., Suran, V.V.	A model of a two-electron mechanism of formation of doubly charged ions upon multiphoton ionization of alkaline-earth atoms (2003) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 94 (4), pp. 483-487.	Scopus
1243.	Shuaibov, A.K., Chuchman, M.P., Shimon, L.L.	Optical characteristics of laser-produced antimony plasma (2003) Technical Physics, 48 (4), pp. 455-459.	Scopus
1244.	Studenyak, I.P., Mitrovciĵ, V.V., Kovacs, Gy.S., Gurzan, M.I., Mykajlo, O.A., Vysochanskii, Yu.M., Cajipe, V.B.	Disordering effect on optical absorption processes in CuInP2S6 layered ferrielectrics (2003) Physica Status Solidi (B) Basic Research, 236 (3), pp. 678-686.	Scopus
1245.	Lisnyak, V.V., Stus, N.V., Mariychuk, R.T.	Synthesis and transport properties of prospective photovoltaic systems related to CuInSe2 and CuGaSe2 (2003) Solar Energy Materials and Solar Cells, 76 (4), pp. 553-562.	Scopus
1246.	Kalantaridis, C., Slava, S., Sochka, K.	Globalization processes in the clothing industry of Transcarpathia, Western Ukraine (2003) Regional Studies, 37 (2), pp. 173-186.	Scopus
1247.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	A self-initiated periodically pulsed light source on chlorine and krypton chloride molecules (2003) Instruments and Experimental Techniques, 46 (2), pp. 211-215.	Scopus
1248.	Motrya, S.F., Balog, I.S., Voroshilov, Yu.V., Kovach, S.K., Semrad, E.E.	The Cd4GeS6-Cd4GeSe6 system (2003) Russian Journal of Inorganic Chemistry, 48 (3), pp. 428-430.	Scopus
1249.	Mel'nichenko, T.D., Rizak, V.M., Mel'nichenko, T.N.	Determination of the Fluctuation Free Volume Fraction for Glasses in the As-S(Se) Systems (2003) Glass Physics and Chemistry, 29 (2), pp. 115-121.	Scopus
1250.	Kuepper, K., Schneider, B., Caciuc, V., Neumann, M., Postnikov, A.V., Ruediger, A., Grabar, A.A., Vysochanskii, Yu.M.	Electronic structure of Sn2P2S6 (2003) Physical Review B - Condensed Matter and Materials Physics, 67 (11), статья № 115101, pp.	Scopus
1251.	Kováč, S., Nemcsics, Á., Lábadi, Z., Motrya, S.	Investigation of the electronic structure of Cd4GeSe6 by photoelectrochemical and photoluminescence methods (2003) Inorganic Materials, 39 (2), pp. 108-112	Scopus
1252.	Haertle, D., Caimi, G., Haldi, A., Montemezzani, G., Günter, P., Grabar, A.A., Stoika, I.M., Vysochanskii, Yu.M.	Electro-optical properties of Sn2P2S6 (2003) Optics Communications, 215 (4-6), pp. 333-343.	Scopus
1253.	Studenyak, I.P., Kranjčec, M., Kovács, Gy.Sh., Panko, V.V., Mitrovciĵ, V.V., Mikajlo, O.A.	Structural disordering studies in Cu6+δPS5I single crystals (2003) Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 97 (1), pp. 34-38	Scopus

1254.	Zhyhuts, Yu.Yu.	Structure and properties of synthesized hard alloys (2003) Materials Science, 39 (1), pp. 126-128	Scopus
1255.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	A self-initiated periodically pulsed light source on chlorine and krypton chloride molecules (2003) Pribory i Tekhnika Eksperimenta, 46 (2), pp. 78-82.	Scopus
1256.	Shuaibov, A.K., Shimon, L.L., Hrabova, I.A.	Lamp for active medium of chemical lasers in visible and ultra-violet range of the spectrum pumping (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, статья № 1250543, pp. 168-170.	Scopus
1257.	Shuaibov, A.K., Shimon, L.L., Chouchman, M.P., Dashchenko, A.I.	Spectroscopic diagnostics of lead laser erosive plasma (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, статья № 1250545, pp. 174-177.	Scopus
1258.	Shuaibov, A.K., Shevera, I.V., Dashchenko, A.I.	A pulsed-periodic, low-pressure volume discharge in chlorine and in a xenon/chlorine mixture (2003) Journal of Applied Spectroscopy, 70 (1), pp. 145-150.	Scopus
1259.	Shevera, I.V., Shuaibov, A.K., Dashchenko, A.I., Shimon, L.L., General, A.A.	Excimer-halides ultraviolet radiator for pumping chemical lasers (2003) Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 1, статья № 1250544, pp. 171-173.	Scopus
1260.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Characteristics of a Self-Initiating Pulse-Periodic Discharge in a Kr/SF6Gas Mixture (2003) High Temperature, 41 (1), pp. 11-16	Scopus
1261.	Lendel, V.G., Krivovyaz, A.A., Zborovskij, Yu.L., Staninets, V.I., Turov, A.V.	Reaction of 2-allyl- and 2-propargylthio-5-R-1,3,4-oxo-diazoles with phenylseleniumtrihalides (2003) Ukrainskij Khimicheskij Zhurnal, 68 (11-12), pp. 47-52.	Scopus
1262.	Lysetska, M.V., Boiko, N.V.	Antiscleroma effectiveness of certain Bacillus subtilis strains studied in vitro and in vivo. (2003) Mikrobiolohichniy zhurnal (Kiev, Ukraine : 1993), 65 (5), pp. 13-19.	Scopus
1263.	Mateleshko, N., Mitsa, V., Sikora, S.	Optical properties of SnO2-As2Se3-ZnS(Mn, Cu)-Al structure with intermediate chalcogenide-glass layer (2003) Ukrainian Journal of Physical Optics, 4 (3), pp. 135-138.	Scopus
1264.	Bilanych, V.S., Baïsa, N.D., Rizak, V.M., Rizak, I.M., Holovey, V.M.	Internal friction of Li2B4O7 single crystals (2003) Physics of the Solid State, 45 (1), pp. 82-86.	Scopus
1265.	Lendel, V.G., Krivovyaz, A.A., Zborovskij, Yu.L., Staninets, V.I., Turov, A.V.	The nature of selenium-bromine bonds in products of phenylselenium tribromide reaction with the	Scopus

		derivatives of 2-allyl- and 2-propargylthio-thieno[2,3-d]pyrimidin-4(3H)-ones (2003) Ukrainiskij Khimicheskij Zhurnal, 69 (1-2), pp. 110-112.	
1266.	Jazbinšek, M., Montemezzani, G., Günter, P., Grabar, A.A., Stoika, I.M., Vysochanskii, Y.M.	Fast near-infrared self-pumped phase conjugation with photorefractive Sn ₂ P ₂ S ₆ (2003) Journal of the Optical Society of America B: Optical Physics, 20 (6), pp. 1241-1246.	Scopus
1267.	Girnyk, I., Kaynts, D., Krupych, O., Martunyuk-Lototska, I., Vlokh, R.	X,T-phase diagram of the Cu ₆ PS ₅ JxBr _{1-x} mixed crystals. Optical, dilatation and ultrasonic velocity studies (2003) Ukrainian Journal of Physical Optics, 4 (3), pp. 147-153.	Scopus
1268.	Adamiec, P., Świetlik, T., Bohdan, R., Bercha, A., Dybała, F., Trzeciakowski, W.	The effect of pressure and temperature on AlGaInP and AlGaAs laser diodes (2003) Acta Physica Polonica A, 103 (6), pp. 585-593.	Scopus
1269.	Kuepper, K., Schneider, B., Caciuc, V., Neumann, M., Postnikov, A.V., Ruediger, A., Grabar, A.A., Vysochanskii, Y.M.	Electronic structure of (formula presented) (2003) Physical Review B - Condensed Matter and Materials Physics, 67 (11), p. 7.	Scopus
1270.	Fedak, V., Szasz, C., Ducso, C., Barsony, I., Kokenyesi, S.	Response of SnO ₂ and ZnO adsorptive gas sensors on polluting gases (2003) Proceedings of the International Spring Seminar on Electronics Technology, 2003-January, статья № 1260485, pp. 68-70.	Scopus
1271.	Malyovanik, M., Ivan, S., Csik, A., Langer, G.A., Beke, D.L., Kökényesi, S.	Laser-induced optical changes in amorphous multilayers (2003) Journal of Applied Physics, 93 (1), pp. 139-142.	Scopus
1272.	Studenyyak, I.P., Kranjčec, M., Nahusko, O.T., Borets, O.M.	Optical-refractometric synthesis of transmission spectra and optical parameters of 0.5TiO ₂ -0.5Nd ₂ O ₃ thin films (2003) Ukrainian Journal of Physical Optics, 4 (3), pp. 139-143.	Scopus
1273.	Shuaibov, A.K., Shimon, L.L., Shevera, I.V., Dashchenko, A.I.	Low-pressure glow discharge in a xenon/chlorine mixture (2002) Plasma Physics Reports, 28 (12), pp. 1060-1064.	Scopus
1274.	Bazel, Y.R., Kormosh, Zh.O., Studenyak, Y.I.	The state of substituted indolenine dyes styryls (2002) Ukrainiskij Khimicheskij Zhurnal, 68 (7-8), pp. 55-59.	Scopus
1275.	Bazel', Ya.R.	Ionophores based on cationic dye-containing ion pairs and their use in ion-selective electrodes (2002) Journal of Analytical Chemistry, 57 (12), pp. 1066-1070.	Scopus
1276.	Vlasov, V.I.	Enhancement possibilities of quick response of chalcogenide glasses thin record films (2002) Proceedings of SPIE - The International Society for Optical Engineering, 4948, pp. 213-217.	Scopus

1277.	Mel'nichenko, T.N., Fedelesh, V.I., Yurkin, I.M., Mel'nichenko, T.D.	Application of the free volume concept to glasses in the Ge-As-S system (2002) Glass Physics and Chemistry, 28 (1), pp. 25-32.	Scopus
1278.	Lendel, V.G., Krivovyaz, A.A., Zborovskij, Y.L., Staninets, V.I., Turov, A.V.	Interaction of 2-propargylthiothieno[2,3-d]pyrimidine-4-one derivatives with phenylselenium trihalides (2002) Ukrainiskij Khimicheskij Zhurnal, 68 (9-10), pp. 43-47.	Scopus
1279.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V.	A Low-Pressure Excimer Light Source for a Spectral Region of 170-310 nm (2002) Instruments and Experimental Techniques, 45 (1), pp. 95-97.	Scopus
1280.	Bondar, I.I., Suran, V.V.	Two-Photon Excitation of Odd-Parity States from the Ground State of the Ca Atom (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 93 (6), pp. 818-820	Scopus
1281.	Gudivok, P.M., Pogorilyak, V.I.	Matrix representations of finite p-groups over commutative local rings of characteristic ps (2002) Ukrainian Mathematical Journal, 54 (6), pp. 937-944.	Scopus
1282.	Rozgonyi, T., Tar, M.	Conditions of analyticity for functions of one complex variable (2002) Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis, 18 (2), pp. 57-61.	Scopus
1283.	Domoratsky, K.V., Rizak, V.M., Sadovskaya, L.Ya.	Thermal conductivity of bismuth tellurite (2002) Physics of the Solid State, 44 (12), pp. 2232-2234.	Scopus
1284.	Kranjčec, M., Studenyak, I.P., Kovacs, Gy.S., Mitrovicij, V.V., Gurzan, M.I., Voroshilov, Yu.V.	Specific features of the optical absorption edge anisotropy in In4(P2S6)3layered crystals (2002) Materials Research Bulletin, 37 (15), pp. 2499-2507.	Scopus
1285.	Bovdi, V.A., Gudivok, P.M., Rudko, V.P.	Torsion-free groups with indecomposable holonomy group. I (2002) Journal of Group Theory, 5 (1), pp. 75-96	Scopus
1286.	Kormosh, Z., Bazel, Y., Tolmachov, A.	The state and chemical-analytical properties of certain polymethine dyes in aqueous solutions (2002) Acta Chimica Slovenica, 49 (4), pp. 795-804.	Scopus
1287.	Mel'nichenko, T.N., Yurkin, I.M., Fedelesh, V.I., Kotsak, Ya.Ya., Kutsenko, Ya.P., Puga, P.P.	Anharmonicity of quasi-lattice vibrations in glasses of the As(Sb)-O-I(Br,Cl) system in the framework of the fluctuation hole model (2002) Glass Physics and Chemistry, 28 (6), pp. 365-372.	Scopus
1288.	Bercha, D.M., Rushchanskii, K.Z., Sznajder, M., Matkovskii, A., Potera, P.	Elementary energy bands in ab initio calculations of the YAIO3 and SbSI crystal band structure	Scopus
1289.	Shuaibov, A.K., Shevera, I.V.	Emission from a sulfur-hexafluoride volume discharge induced by attachment instability (2002) Technical Physics, 47 (11), pp. 1473-1476.	Scopus

1290.	Rushchanskii, K.Z., Haeuseler, H., Bercha, D.M.	Band structure calculations on the layered compounds FeGa₂S₄ and NiGa₂S₄ (2002) Journal of Physics and Chemistry of Solids, 63 (11), pp. 2019-2028.	Scopus
1291.	Haysak, M., Nagy, M., Onysko, V.	Description of electrons correlation in 1,3S-states of negative ion of positronium (2002) Czechoslovak Journal of Physics, 52 (11), pp. 1225-1230.	Scopus
1292.	Shuaibov, A.K.	Repetitive low-pressure volume discharge induced by attachment instability in an Ar/Cl₂ mixture (2002) Technical Physics, 47 (10), pp. 1341-1344.	Scopus
1293.	Bondar, I.I., Suran, V.V.	Two-electron mechanism of doubly charged ion formation by the multiphoton ionization of Ba atoms in two laser fields (2002) Laser Physics, 12 (10), pp. 1286-1293.	Scopus
1294.	Barchii, I.E., Peresh, E.Yu., Sabov, M.Yu., Gaborets, N.I., Kun, A.V.	Phase equilibria of the Ti₂S-Ti₂Se-TiI system (2002) Russian Journal of Inorganic Chemistry, 47 (10), pp. 1568-1571.	Scopus
1295.	Szatmári, S., Pascu, I., Mihálka, L., Mulesa, S.V., Fekete, I., Fülesdi, B., Csiba, L., Zselyuk, G., Szász, J., Gebefügi, J., Nicolescu, S., Vsiesiu, D., Smolanka, V.I., Bereczki, D.	The Mureş-Uzhgorod-Debrecen study: A comparison of hospital stroke services in Central-Eastern Europe (2002) European Journal of Neurology, 9 (3), pp. 293-296.	Scopus
1296.	Shuaibov, A.K., Shimon, L.L., Shevera, I.V., Dashchenko, A.I.	Electrical and optical characteristics of a transverse volume discharge in chlorine (2002) High Temperature, 40 (5), pp. 639-643.	Scopus
1297.	Shuaibov, A.I., Dashchenko, A.I., Shevera, I.V.	Broadband low-density radiation source utilising argon, krypton, and xenon chlorides (2002) Quantum Electronics, 32 (3), pp. 279-280	Scopus
1298.	Bercha, D.M., Kharkhalis, L.Yu., Sznajder, M.	One-electron states in a layered crystal with covalent bridges (2002) Physica Status Solidi (B) Basic Research, 229 (3), pp. 1371-1396.	Scopus
1299.	Bondar, I.I., Suran, V.V.	The two-electron mechanism of the formation of doubly charged ions by the multiphoton ionization of Ba atoms with two-laser radiation (2002) Journal of Physics B: Atomic, Molecular and Optical Physics, 35 (16), pp. 3391-3398	Scopus
1300.	Malinin, A.N., Polyak, A.V., Guivan, N.N., Zubrilin, N.G., Shimon, L.L.	Coaxial HgI excimer lamps (2002) Quantum Electronics, 32 (2), pp. 155-159.	Scopus
1301.	Peresh, E.Yu., Zubaka, O.V., Sidei, V.I., Barchii, I.E., Kun, S.V., Kun, A.V.	Preparation, stability regions, and properties of M₂TeI₆ (M = Rb, Cs, Tl) crystals (2002) Inorganic Materials, 38 (8), pp. 859-863.	Scopus

1302.	Shuaibov, A.K., Dashchenko, A.I., Shimon, L.L., Shevera, I.V.	A pulsed-periodic low-pressure volume discharge in a krypton-chlorine gas mixture (2002) Technical Physics Letters, 28 (8), pp. 702-704.	Scopus
1303.	Shuaibov, A.K., Dashchenko, A.I., Minya, A.I.	Emission from a transverse volume discharge in neon with small admixtures of water vapor and air (2002) Plasma Physics Reports, 28 (8), pp. 706-709.	Scopus
1304.	Studeniyak, I.P., Kranjcec, M., Suslikov, L.M., Kovacs, Gy.Sh., Guranich, P.P.	Piezo-Optic Effect in Cu₆PS₅Br Crystals (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 93 (2), pp. 300-303.	Scopus
1305.	Kranjčec, M., Studeniyak, I.P., Kovács, Gy.Sh., Mitrovci, V.V.	Compositional disordering and some structural and optical parameters of Cu₆P(S_{1-x}Se_x)₅Br mixed crystals (2002) Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 95 (2), pp. 107-110.	Scopus
1306.	Labraa, J., Machocho, A.K., Kricsfalusy, V., Brun, R., Codina, C., Viladomat, F., Bastida, J.	Alkaloids from <i>Narcissus angustifolius</i> subsp. <i>transcarpathicus</i> (Amaryllidaceae) (2002) Phytochemistry, 60 (8), pp. 847-852.	Scopus
1307.	Bondar, I.I., Suran, V.V.	Effect of resonance mixing of states of a three-level system on the emergence of multiphoton transitions from them (2002) Quantum Electronics, 32 (7), pp. 636-638.	Scopus
1308.	Drobnich, V.G., Medvedev, S.Yu., Sharodi, I.S.	Excitation process simulation for atoms leaving a metal surface (2002) Vacuum, 66 (2), pp. 149-155.	Scopus
1309.	Bandurin, Y., Lacombe, S., Guillemot, L., Esaulov, V.A.	Surface plasmon excitation in hydrogen and helium ion scattering on Ag (2002) Surface Science, 513 (2), pp. L413-L418.	Scopus
1310.	Drobnich, V.G., Sharodi, I.S.	Surface plasmons and interaction of charges with their images in a metal-atom system (2002) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 193 (1-4), pp. 408-413.	Scopus
1311.	Sharodi, I.S., Bandurin, Y.A., Pop, S.S.	Ion-photon emission during ion bombardment of beryllium surface (2002) Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 193 (1-4), pp. 699-704.	Scopus
1312.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	A Multiwavelength Low-pressure Radiation Source Based on Argon and Xenon Chlorides (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 92 (5), pp. 690-691.	Scopus
1313.	Palyok, V., Szabó, I.A., Beke, D.L., Kikineshi, A.	Surface grating formation and erasing on a-Se films	Scopus

		(2002) Applied Physics A: Materials Science and Processing, 74 (5), pp. 683-687.	
1314.	Studeniyak, I.P., Kranjcec, M., Suslikov, L.M., Kovacs, D.Sh., Pan'ko, V.V.	Role of Exciton-phonon Interactions and Disordering Processes in the Formation of the Absorption Edge in Cu₆P(S_{1-x}Se_x)₅Br Crystals (2002) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 92 (4), pp. 532-535.	Scopus
1315.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	The formation of excited chlorine atoms in a low-pressure transverse volume discharge (2002) Technical Physics Letters, 28 (4), pp. 330-332	Scopus
1316.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Optical characteristics of the steady-state plasma of a longitudinal discharge in a He/CFC-12 mixture (2002) Technical Physics, 47 (4), pp. 406-409.	Scopus
1317.	Lazur, V.Yu., Dobosh, V.M., Rubish, V.V., Chalupka, S., Salák, M.	Hidden symmetry and separation of variables in the two-centre problem with a confinement-type potential (2002) Acta Physica Slovaca, 52 (2), pp. 41-54.	Scopus
1318.	Shpenik, O.B., Popik, T.Yu., Feyer, V.M., Popik, Yu.V.	Low-energy electron backscattering spectroscopy of the p-Si (1 0 0) surface (2002) Physica B: Condensed Matter, 315 (1-3), pp. 133-142.	Scopus
1319.	Shtets, P.P., Rubish, V.V., Malesh, V.I., Rubish, V.M., Semak, D.C.	Peculiarities of preparation and properties of glassy antimony chalcogenides (2002) Journal of Optoelectronics and Advanced Materials, 4 (1), pp. 159-162.	Scopus
1320.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	The characteristics of a confined discharge in a helium-chlorine gas mixture (2002) Technical Physics Letters, 28 (3), pp. 226-228.	Scopus
1321.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Conditions of simultaneous formation of chlorides of krypton and xenon in a low-pressure glow discharge (2002) High Temperature, 40 (2), pp. 309-311.	Scopus
1322.	Savchenko, N.D.	Electron-induced changes in absorption edge of amorphous Ge-As-Se films (2002) Journal of Optoelectronics and Advanced Materials, 4 (1), pp. 41-44.	Scopus
1323.	Luksha, O.V., Borkach, E.I., Ivanitsky, V.P.	Structural-technological modification of As₂S₃ glasses (2002) Journal of Optoelectronics and Advanced Materials, 4 (1), pp. 45-50	Scopus
1324.	Feyer, V.M., Popik, T.Yu., Shpenik, O.B., Popik, Yu.V., Erdevdy, M.	Low-energy electron backscattering spectroscopy of Mg/Mo films (2002) Journal of Electron Spectroscopy and Related Phenomena, 122 (3), pp. 251-257.	Scopus
1325.	Popik, T.Yu., Feyer, V.M., Shpenik, O.B., Popik, Yu.V.	The specific features of low-energy electron backscattering from different Ge surfaces	Scopus

		(2002) Surface Science, 499 (1), pp. L113-L118.	
1326.	Bazel', Ya.R., Kormosh, Zh.A., Tolmachev, A.A.	State of polymethine (styryl and carbocyanine) indolium derivatives in aqueous solution and their analytical properties (2002) Journal of Analytical Chemistry, 57 (2), pp. 118-124.	Scopus
1327.	Studenyyak, I.P., Kranjčec, M., Kovács, Gy.Sh., Desnica-Franković, I.D., Molnar, A.A., Panko, V.V., Slivka, V.Yu.	Electrical and optical absorption studies of Cu ₇ GeS ₅ I fast-ion conductor (2002) Journal of Physics and Chemistry of Solids, 63 (2), pp. 267-271.	Scopus
1328.	Reity, O.K., Lazur, V.Y., Katernoha, A.V.	The quantum mechanical two-Coulomb-centre problem in the Dirac equation framework (2002) Journal of Physics B: Atomic, Molecular and Optical Physics, 35 (1), pp. 1-17.	Scopus
1329.	Maior, M.M., Prits, I.P., Vysochanskii, Yu.M.	Piezoelectric composite with high hydrostatic piezoelectric sensitivity (2002) Ferroelectrics, 266, pp. 583-593.	Scopus
1330.	Maior, M.M., Prits, I.P., Vysochanskii, Yu.M.	Piezoelectric composite with high hydrostatic piezoelectric sensitivity (2002) Ferroelectrics, 266, pp. 247-257.	Scopus
1331.	Vysochanskii, Yu., Stephanovich, V., Mytrovcij, V., Mykajlo, O., Yevych, R., Gurzan, M.	Phonon spectra and phase transitions in CuInP ₂ (Se _x S _{1-x}) ₆ and Sn ₂ P ₂ (Se _x S _{1-x}) ₆ ferroelectrics (2002) Ferroelectrics, 267, pp. 397-402.	Scopus
1332.	Orysik, V.V., Zborovskij, Y.L., Dobosh, A.A., Staninets, V.I., Khripak, S.M.	Halogen cyclization of 2-(2-propenylthio)- and 2-(2-propynylthio)-3-R-4(1H)-quinazolinones (2002) Ukrainskij Khimicheskij Zhurnal, 68 (5-6), pp. 36-40.	Scopus
1333.	Tsiapets', S.V., Feketa, V.P., Kostrub, V.I.	Relationship between human emotional status and parameters of central hemodynamics during physical and psychological stress [Article@Vzaiemozviazok emotsiinoho stanu liudyny z reaktsiieiu tsentral'noi hemodynamiky pry fizychnykh i psykichnykh navantazhenniakh.] (2002) Fiziologichnyi zhurnal (Kiev, Ukraine : 1994), 48 (3), pp. 95-101.	Scopus
1334.	Maior, M.M., Prits, I.P., Vysochanskii, Yu.M.	Screening of ferroelectric polarization and stability of poled state in Sn ₂ P ₂ S ₆ /Epoxy Composites (2002) Ferroelectrics, 281, pp. 35-40.	Scopus
1335.	Lendel, V.G., Krivovyaz, A.A., Zborovskij, Y.L., Staninets, V.I.	Heterocyclization of 2-allylthiothieno[2,3-d]pyrimidine-4-ones under the action of phenylselenotrihalides (2002) Ukrainskij Khimicheskij Zhurnal, 68 (3-4), pp. 111-114.	Scopus
1336.	Barchij, I.Y., Peresh, Y.Y., Gaborets, N.I., Sabov, M.Y., Kun, S.V., Kun, G.V.	Phase equilibria in the quasiternary system TlSe-TlCl-TlI (2002) Ukrainskij Khimicheskij Zhurnal, 68 (5-6), pp. 71-74.	Scopus
1337.	Rubish, V.M., Shtets, P.P., Rubish, V.V., Malesh, V.I.	Structural transformations and optical absorption spectra of Sb _x Se _{1-x} films	Scopus

		(2002) Ukrainian Journal of Physical Optics, 3 (2), pp. 130-133.	
1338.	Kacher, I.E., Shuaiibov, A.K., Rigan, M.Y., Dashchenko, A.I.	Optical diagnostics of laser evaporation of CuInS₂ polycrystalline compound (2002) High Temperature, 40 (6), pp. 814-817.	Scopus
1339.	Rubish, V.M.	Optical and photoelectric properties of non-crystalline antimony chalcogenides (2002) Ukrainian Journal of Physical Optics, 3 (3), pp. 200-205.	Scopus
1340.	Shuajbov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V.	A low-pressure excimer light source for a spectral region of 170-310 nm (2002) Pribory i Tekhnika Eksperimenta, 45 (1), pp. 104-106.	Scopus
1341.	Kaynts, D.I., Studenyak, I.P., Nebola, I.I., Horvat, A.A.	Optical observation of ferroelastic domains in Cu₆PS₅X (X=I,Br,Cl) crystals (2002) Ukrainian Journal of Physical Optics, 3 (4), pp. 267-270.	Scopus
1342.	Shuaiibov, A., Shimon, L., Dashchenko, A., Shevera, I.	Electrodischarge VUV-radiator of low pressure on a mixtures He(Ar, Kr, Xe)/H₂O (2002) Proceedings of SPIE - The International Society for Optical Engineering, 4747, pp. 409-416.	Scopus
1343.	Rizak, V.M., Rizak, I.M., Lendyel, O.I., Maslyuk, V.V.	Phonon density of states reconstruction of the temperature dependence of heat capacity ferroelectrics Sn₂P₂Se(S)₆ crystals (2002) Ferroelectrics, 270, pp. 369-374.	Scopus
1344.	Dybala, F., Adamiec, P., Bercha, A., Trzeciakowski, W., Piwoński, T., Sajewicz, P., Bugajski, M.	Wavelength tuning of InGaAs/GaAs laser diodes by the application of high hydrostatic pressure (2002) International Conference on Transparent Optical Networks, 2, статья № 1007861, pp. 93-96.	Scopus
1345.	Vorobets, V.S., Kovach, S.K., Kolbasov, G.Y.	Distribution of ion species and formation of ion pairs in concentrated polysulfide solutions in photoelectrochemical transducers (2002) Russian Journal of Applied Chemistry, 75 (2), pp. 229-234.	Scopus
1346.	Moriya, K., Yamada, T., Sakai, K., Yano, S., Baluja, S., Matsuo, T., Pritz, I., Vysochanskii, Y.M.	Ferroelectric phase transitions in Pb_{2x}Sn₂(1-x)P₂Se₆ system (2002) Journal of Thermal Analysis and Calorimetry, 70 (2), pp. 321-328.	Scopus
1347.	Bercha, D.M., Rushchanskii, K.Z., Sznajder, M., Matkovskii, A., Potera, P.	Elementary energy bands in ab initio calculations of the (formula presented) and SbSI crystal band structure (2002) Physical Review B - Condensed Matter and Materials Physics, 66 (19), pp. 1-9.	Scopus
1348.	Malinin, A.N., Guivan, N.N., Shimon, L.L., Polyak, A.V., Zubrilin, N.G., Shchedrin, A.I.	Processes of the formation of HgBr and HgCl excimer molecules in gas-discharge radiation sources (2002) Proceedings of SPIE - The International Society for Optical Engineering, 4747, pp. 358-363.	Scopus
1349.	Gomonaj, V.I., Golub, N.P., Szekeresh, K. Yu., Gomonaj, P.V., Charmas, B., Leboda, R.	Adsorption of lead(II) ions on Transcarpathian clinoptilolite	Scopus

		(2001) Adsorption Science and Technology, 19 (6), pp. 465-474.	
1350.	Balog, I.S., Molnar, D.I., Tircho, Y.B., Mushkalo, I.L.	Selective extraction spectrophotometric determination of cobalt(II) with carbocyanine dyes (2001) Ukrainiskij Khimicheskij Zhurnal, 67 (9-10), pp. 40-44.	Scopus
1351.	Peresh, E.Yu., Zubaka, O.V., Kun, S.V., Galagovets, I.V., Barchii, I.E., Sabov, M.Yu.	Stability limits and properties of Tl_2TeBr_6 , Cs_2TeBr_6 , and Rb_2TeBr_6 (2001) Inorganic Materials, 37 (8), pp. 849-852	Scopus
1352.	Kacher, I.E., Shuaibov, A.K., Dashchenko, A.I.	Facility for studying the optical properties of erosion laser plasma of multicomponent compounds (2001) Pribory i Tekhnika Eksperimenta, 44 (5), pp. 152-153.	Scopus
1353.	Kikineshi, A.	Light-stimulated structural transformations and optical recording in amorphous nano-layered structures (2001) Journal of Optoelectronics and Advanced Materials, 3 (2), pp. 377-382.	Scopus
1354.	Orysik, V.V., Dobosh, A.A., Zborovskij, Y.L., Staninets, V.I., Chrypak, S.M.	Heterocyclization of 2-(2-propenylthio)-4(H)-quinazolinone under the influence of electrophilic agents (2001) Ukrainiskij Khimicheskij Zhurnal, 67 (9-10), pp. 46-48	Scopus
1355.	Shuaibov, A.K., Minya, A.I., Dashchenko, A.I.	The production of excimer molecules and excited atoms in a positive corona discharge in $He/Xe(Kr)/SF_6/CCl_4$ mixtures (2001) Technical Physics, 46 (12), pp. 1582-1584.	Scopus
1356.	Bondar', I.I., Suran, V.V.	Production of doubly charged ions in the ionisation of Ba atoms in two laser fields (2001) Quantum Electronics, 31 (12), pp. 1079-1083.	Scopus
1357.	Rubish, V.M.	Thermostimulated relaxation of SbSI glass structure (2001) Journal of Optoelectronics and Advanced Materials, 3 (4), pp. 941-944.	Scopus
1358.	Peten'ko, V.O.	On the local limit theorem for general lattice distribution (2001) Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis, 17 (1), pp. 9-12	Scopus
1359.	Grabar, A.A., Gurzan, M.I., Kedyk, I.V., Stoika, I.M., Vysochanskii, Yu.M.	Optical properties and applications of photorefractive $Sn_2P_2S_6$ (2001) Ferroelectrics, 257 (1), pp. 245-254.	Scopus
1360.	Kovalchuk, A.A.	Epiphytic Ciliata of the Dnieper reservoirs (2001) Hydrobiological Journal, 37 (6), pp. 45-64.	Scopus
1361.	Orysik, S.I., Chundak, S.Y., Volkov, S.V., Pekhnyo, V.I., Khar'kova, L.B.	Coordination compounds of rhodium (III) with carboxylic acid salicylidenehydrazones (2001) Ukrainiskij Khimicheskij Zhurnal, 67 (1-2), pp. 3-7.	Scopus
1362.	Barchij, I.Y., Peresh, Y.Y., Sabov, M.Y., Gaborets, N.J.	Phase relations in $Tl_2S-Tl_5Se_2Br$ (I) (2001) Ukrainiskij Khimicheskij Zhurnal, 67 (11-12), pp. 76-78.	Scopus

1363.	Khripak, S.M., Slivka, M.V., Zborovskij, Y.L., Staninets, V.I.	Interaction of 4,5H-1,2,4-triazolo-[3,4-b]-thiazol-3-ium bromide derivatives with secondary amines (2001) Ukrainiskij Khimicheskij Zhurnal, 67 (5-6), pp. 40-43.	Scopus
1364.	Shtets, P.P., Fedelesh, V.I., Kabatsij, V.M., Malesh, V.I., Shpak, I.I., Gorvat, A.A.	Structure, dielectric and photoelastic properties of glasses in the system Ge-Sb-S (2001) Journal of Optoelectronics and Advanced Materials, 3 (4), pp. 937-940.	Scopus
1365.	Vlasov, V.	Effective holographic record on thin films of chalcogenide semiconductors (2001) Journal of Optoelectronics and Advanced Materials, 3 (2), pp. 389-394.	Scopus
1366.	Maior, M.M., Prits, I.P., Vysochanskii, Yu.M.	Composite on basis of Sn ₂ P ₂ S ₆ for hydrophone applications (2001) Ferroelectrics, 257 (1), pp. 155-162.	Scopus
1367.	Barchij, I.E.	Mathematical simulation of phase equilibria in the quasiternary system Ti ₂ S-Ti ₂ Se-Ti ₅ Se ₂ I (2001) Ukrainiskij Khimicheskij Zhurnal, 67 (11-12), pp. 18-23.	Scopus
1368.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	The effect of water vapor on the characteristics of a pulsed-periodic ultraviolet radiation source (2001) Technical Physics Letters, 27 (12), pp. 1024-1025	Scopus
1369.	Vysochanskii, Yu.M., Molnar, A.A., Gurzan, M.I., Cajipe, V.B.	Phase transitions in CuInP ₂ (SexS _{1-x}) ₆ layered crystals (2001) Ferroelectrics, 257 (1), pp. 147-154.	Scopus
1370.	Csik, A., Malyovanik, M., Dorogovics, J., Kikineshi, A., Beke, D.L., Szabo, I.A., Langer, G.	Photo-stimulated structural transformations and optical recording in amorphous semiconductor multilayers (2001) Journal of Optoelectronics and Advanced Materials, 3 (1), pp. 33-36.	Scopus
1371.	Csik, A., Malyovanik, M., Dorogovics, J., Kikineshi, A., Beke, D.L., Szabo, I.A., Langer, G.	Photo-stimulated structural transformations and optical recording in amorphous semiconductor multilayers (2001) Journal of Optoelectronics and Advanced Materials, 3 (1), pp. 33-36.	Scopus
1372.	Malinin, A.N., Guivan, N.N., Shimon, L.L., Polyak, A.V., Zubrilin, N.G., Shchedrin, A.I.	Temporal Characteristics of Emission of Working Mixtures of a HgBr/HgCl Excimer Lamp (2001) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 91 (6), pp. 864-868.	Scopus
1373.	Starosta, V.I., Bobonich, F.M., Balog, I.S.	Effect of change in sign of the selectivity in the ion-exchange adsorption of cobalt by mordenite and clinoptilolite (2001) Theoretical and Experimental Chemistry, 37 (5), pp. 324-328.	Scopus
1374.	Popik, T.Yu., Feyer, V.M., Shpenik, O.B., Popik, Yu.V.	Investigation of surface and bulk electronic structure of Ge(1 1 1) by low-energy electron backscattering technique (2001) Surface Science, 491 (1-2), pp. 175-182.	Scopus

1375.	Tovt-Korshynska, M.I., Dew, M.A., Chopey, I.V., Spivak, M.Y., Lemko, I.S.	Gender differences in psychological distress in adults with asthma (2001) Journal of Psychosomatic Research, 51 (5), pp. 629-637.	Scopus
1376.	Shpak, I.I., Gad'mashi, Z.P., Rosola, I.I.	Electronic polarizability of vitreous alloys in the Ge-As-S system (2001) Glass Physics and Chemistry, 27 (6), pp. 545-546.	Scopus
1377.	Shpak, I.I., Gad'mashi, Z.P., Rosola, I.I.	Electronic polarizability of vitreous alloys in the Ge-As-S system (2001) Glass Physics and Chemistry, 27 (6), pp. 545-546.	Scopus
1378.	Kirichenko, A.G., Kizyun, L.M., Klimik, V.U.	Survey of geostationary objects with photographic observations performed at two stations - Orbits evolution and probabilities of collisions (2001) European Space Agency, (Special Publication) ESA SP, 1 (473), pp. 125-130	Scopus
1379.	Barchii, I.E., Peresh, E.Yu., Sabov, M.Yu., Gaborets, N.I., Kun, A.V.	Phase equilibria in the Ti2S-Ti2Se-TiI system (2001) Russian Journal of Inorganic Chemistry, 46 (10), pp. 1571-1574.	Scopus
1380.	Shafranyosh, I.I., Marushka, V.I.	Spectroscopic Study of the Decay of Negative Ions Formed through Electron Interaction with Metastable Magnesium Atoms (2001) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 91 (4), pp. 557-559.	Scopus
1381.	Shuaibov, A.K.	The optical characteristics of laser-erosion silver plasma (2001) Technical Physics Letters, 27 (10), pp. 801-802.	Scopus
1382.	Golovatskiĭ, A.S., Sapin, M.R.	Characteristics of lymphocyte recirculation through postcapillary venules of lymph node paracortical zone following antigenic stimulation [Article@Osobennosti retsirkuliatsii limfotsitov cherez postkapilliarnye venuly parakortikal'noi zony limfaticeskikh uzlov pri antigennoi stimulatsii.] (2001) Morfologiya (Saint Petersburg, Russia), 119 (1), pp. 40-45.	Scopus
1383.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Low-pressure stationary electric-discharge emitter utilizing a He/Cl2 mixture (2001) High Temperature, 39 (5), pp. 775-777.	Scopus
1384.	Sharkany, J.P., Sichka, M.J., Potapchuk, A.M., Lemko, I.S., Pintye, J.L.	Biocompatible gradient ceramic coatings for the metal implantants (2001) Proceedings of SPIE - The International Society for Optical Engineering, 4336, pp. 219-223.	Scopus
1385.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V.	A water-vapor electric-discharge vacuum ultraviolet source (2001) Technical Physics Letters, 27 (8), pp. 642-643.	Scopus
1386.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Subnormal glow discharge in a Xe/Cl2mixture in a narrow discharge tube	Scopus

		(2001) Technical Physics, 46 (8), pp. 1049-1052.	
1387.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Optical diagnostics of lead and PbGa ₂ S ₄ layered crystal laser plasmas (2001) Plasma Physics Reports, 27 (7), pp. 619-624.	Scopus
1388.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Chuchman, M.P.	Optical characteristics and parameters of the plasma of a laser jet from zinc surface (2001) High Temperature, 39 (4), pp. 620-622.	Scopus
1389.	Mel'nichenko, T.N., Kutsenko, Ya.P., Fedelesh, V.I., Yurkin, I.M., Mel'nichenko, T.D.	Interrelation between the glass transition temperature, thermal expansion coefficient, and poisson ratio for some glasses in the AV-BVI-CVII systems (2001) Glass Physics and Chemistry, 27 (4), pp. 298-305.	Scopus
1390.	Litovchenko, V.G., Korbutyak, D.V., Bercha, A.I., Kryuchenko, Yu.V., Krylyuk, S.G., Grahn, H.T., Hey, R., Ploog, K.H.	Observation of stimulated emission in an ultrashort-period nonsymmetric GaAs/AIAs superlattice (2001) Applied Physics Letters, 78 (26), pp. 4085-4087.	Scopus
1391.	Mikla, V.I, Mikhalko, I.P, Mikla, V.V	Laser-induced amorphous-to-crystalline phase transition in Sb _x Se _{1-x} alloys (2001) Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 83 (1-3), pp. 74-78.	Scopus
1392.	Voroshilov, Yu.V., Motrya, S.F., Kovach, S.K., Semrad, A.A.	The Hg ₄ Ge ₆ -Cd ₄ Ge ₆ System (2001) Russian Journal of Inorganic Chemistry, 46 (6), pp. 915-917.	Scopus
1393.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Stationary radiator in the 130-190 nm range based on a water vapour plasma (2001) Quantum Electronics, 31 (6), pp. 547-548.	Scopus
1394.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Production of excimer molecules and the excitation of nitrogen in a steady-state low-pressure electric discharge	Scopus
1395.	Lengyel, V., Fekete, Yu., Haysak, I., Shpenik, A.	Calculation of hyperfine splitting in mesons using configuration interaction approach (2001) European Physical Journal C, 21 (2), pp. 355-359	Scopus
1396.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Spectroscopic diagnostics of laser-induced aluminum and indium plasma under conditions of moderate power of stimulation of obstacle (2001) High Temperature, 39 (3), pp. 333-337.	Scopus
1397.	Shuaibov, A.K., Shimon, L.L., Chuchman, M.P.	Optical properties of laser-produced plasmas from Cd and layered crystalline CdAl ₂ Se ₄ targets (2001) Technical Physics, 46 (5), pp. 590-594.	Scopus
1398.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V.	Excited nitrogen molecule formation in a DC-glow-discharge-pumped excimer lamp (2001) Technical Physics Letters, 27 (5), pp. 354-355.	Scopus

1399.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	UV-VUV excimer emitter pumped by a subnormal glow discharge (2001) Quantum Electronics, 31 (4), pp. 371-372.	Scopus
1400.	Studeniyak, I.P., Suslikov, L.M., Kovacs, Gy.Sh., Kranjčec, M., Tovt, V.V.	Interrelation between Optical, Refractometric, and Lattice Parameters of Cu₆P(S_{1-x}Se_x)₅I Crystals (2001) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 90 (4), pp. 538-541.	Scopus
1401.	Shpenik, A., Fekete, Y., Kis, J.	Glueball masses in relativistic potential model (2001) Nuclear Physics B - Proceedings Supplements, 99 (1-2), pp. 274-277.	Scopus
1402.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Kacher, I.É.	Emission of Excited Copper Atoms in Laser-Produced Erosion Plasmas (2001) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 90 (4), pp. 493-496.	Scopus
1403.	Studeniyak, P., Mitrovciy, V.V., Stefanovich, V.A., Kovacs, G.S., Mykajlo, O.A., Gurzan, M.I., Vysochanskii, Y.M.	Raman scattering and optical absorption edge studies of CuInP₂S₆ and CuInP₂(S_{0.95}Se_{0.05})₆ layered ferroelectrics (2001) Ukrainian Journal of Physical Optics, 2 (1), pp. 26-30.	Scopus
1404.	Popik, T.Yu., Shpenik, O.B., Popik, Yu.V.	Study of the electronic spectra of noble metals by low-energy electron backscattering (2001) Physics of the Solid State, 43 (3), pp. 408-412	Scopus
1405.	Grabar, A.A., Kedyk, I.V., Gurzan, M.I., Stoika, I.M., Molnar, A.A., Vysochanskii, Y.M.	Enhanced photorefractive properties of modified Sn₂P₂S₆ (2001) Optics Communications, 188 (1-4), pp. 187-194.	Scopus
1406.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V.	An electric discharge emitter operating simultaneously in the 308 [XeCl(B-X)], 258 [Cl₂(D' -A')], 236 [XeCl(D-X)], 222 [KrCl(B-X)], 175 [ArCl(B-X)], and 160 [H₂(B-X)] nm bands (2001) Technical Physics, 46 (2), pp. 207-211.	Scopus
1407.	Bondar, I.I., Suran, V.V.	Nonresonant ac-stark-effect-induced mixing of metastable states of barium atoms (2001) Laser Physics, 11 (2), pp. 278-281.	Scopus
1408.	Studeniyak, I.P., Kovács, G.S., Panko, V.V., Mitrovciy, V.V., Mykajlo, O.A., Stefanovich, V.O.	Optical absorption edge anomalies at superionic phase transition in Cu₆PSe₅Br crystals (2001) Ukrainian Journal of Physical Optics, 2 (4), pp. 165-170.	Scopus
1409.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V., Chuchman, M.P.	Optical characteristics of a gallium laser plasma (2001) Plasma Physics Reports, 27 (1), pp. 82-85.	Scopus
1410.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V.	Optical characteristics of the plasma of a glow discharge in a He/H₂O mixture (2001) Plasma Physics Reports, 27 (10), pp. 897-900.	Scopus
1411.	Kedyulich, V.M., Slivka, A.G., Gerzanich, E.I., Shusta, V.S., Guranich, P.P.	The influence of uniform pressure and electric field on phase transitions of the Sn₂P₂S₆ ferroelectric (2001) Ferroelectrics, 254 (1-4), pp. 243-253.	Scopus

1412.	Slivka, A.G.	Absorption edge of Sn(Pb)2P2S(Se)6 crystals under hydrostatic pressure (2001) Ukrainian Journal of Physical Optics, 2 (4), pp. 171-178.	Scopus
1413.	Vainagii, O.M.	Microscopic changes in the lymphocyte densities of lymphatic nodes under the action of He-Ne laser radiation (2001) Proceedings of SPIE - The International Society for Optical Engineering, 4422, pp. 119-124.	Scopus
1414.	Maior, M.M., Prits, I.P., Gurzan, M.I., Vysochanskii, Yu.M.	Development of novel polycrystalline materials on the basis of Sn2P2S6 for hydrophone applications (2001) Ferroelectrics, 249 (3-4), pp. 227-236.	Scopus
1415.	Guranich, P.P., Kabal, R.V., Slivka, A.G., Gerzanich, E.L.	Pressure behaviour of the birefringence in Sn2P2(S1-xSex)6 crystals in the vicinity of the Lipshitz point (2001) Ukrainian Journal of Physical Optics, 2 (4), pp. 179-181.	Scopus
1416.	Grabar, A.A., Kedyk, I.V., Stoika, I.M., Vysochanskii, Yu.M.	Reflection of light by charged domain walls in Sn2P2S6 uniaxial ferroelectrics (2001) Ferroelectrics, 254 (1-4), pp. 285-293.	Scopus
1417.	Shpak, I.I., Sokolyuk, I.V., Hadmashy, Z.P., Shtets, P.P., Semak, D.G.	Structural disorder and optical properties of electron-irradiated As2S3(Se3) chalcogenide glasses (2001) Ukrainian Journal of Physical Optics, 2 (4), pp. 199-202.	Scopus
1418.	Studenyyak, I.P.	Influence of anionic substitution on phase transitions in Cu6P(S1-xSex)5I superionic ferroelastics (2001) Ferroelectrics, 254 (1-4), pp. 311-317.	Scopus
1419.	Studenyyak, I.P., Mitrovcij, V.V., Kovacs, G.S., Mykajlo, O.A., Gurzan, M.I., Vysochanskii, Y.M.	Temperature variation of optical absorption edge in Sn2P2S6 and SnP2S6 crystals (2001) Ferroelectrics, 254 (1-4), pp. 295-310.	Scopus
1420.	Cho, Y.W., Choi, S.K., Vysochanskii, Y.M.	Photovoltaic effect of Sn2P2S6 ferroelectric crystal and ceramics (2001) Journal of Materials Research, 16 (11), pp. 3317-3322.	Scopus
1421.	Condrey, S.E., Purvis, K., Slava, S.S.	Public management reform under stress: The Ukrainian civil service experience (2001) Public Management Review, 3 (2), pp. 271-280.	Scopus
1422.	Gomonnai, A.V., Vysochanskii, Y.M., Azhniuk, Y.M., Prits, I.P., Romanova, L.G., Solomon, A.M.	Size effects in Raman spectra of Sn2P2S6 ferroelectrics (2001) Ukrainian Journal of Physical Optics, 2 (4), pp. 182-186.	Scopus
1423.	Kranjčec, M., Studenyyak, I.P., Kovacs, Gy.S., Desnica Franković, I.D., Panko, V.V., Guranich, P.P., Slivka, V.Yu.	Electric conductivity and optical absorption edge of Cu6P(SexS1-x)5I fast-ion conductors in the selenium-rich region (2001) Journal of Physics and Chemistry of Solids, 62 (4), pp. 665-672.	Scopus
1424.	Studenyyak, I.P., Kranjčec, M., Kovacs, G.S., Desnica-Franković, I.D., Panko, V.V., Slivka, V.Y.	The excitonic processes and Urbach rule in Cu6P(S1-xSex)5I crystals in the sulfur-rich region (2001) Materials Research Bulletin, 36 (1-2), pp. 123-135.	Scopus

1425.	Studeniyak, I.P., Kranjčec, M., Kovacs, G.S., Desnica-Franković, I.D., Panko, V.V., Slivka, V.Y.	Influence of compositional disorder on optical absorption processes in Cu₆P(S_{1-x}Se_x)₅I crystals (2001) Journal of Materials Research, 16 (6), pp. 1600-1608.	Scopus
1426.	Ruediger, A., Schirmer, O., Odoulov, S., Shumelyuk, A., Grabar, A.	Studies of light-induced charge transfer in Sn₂P₂S₆ by combined EPR/optical absorption spectroscopy (2001) Optical Materials, 18 (1), pp. 123-125.	Scopus
1427.	Balogh, I.S., Maga, I.M., Hargitai-Tóth, Á., Andrich, V.	Spectrophotometric study of the complexation and extraction of chromium(VI) with cyanine dyes (2000) Talanta, 53 (3), pp. 543-549.	Scopus
1428.	Gedeon, V.F.	The accessible and total molecular surfaces of unsmooth protein molecules (2000) Biofizika, 45 (5), p. 789.	Scopus
1429.	Suran, V.V., Bondar', I.I.	Mechanism of formation of doubly charged ions upon nonlinear ionisation of Ba atoms in the frequency range from 9390 to 9470 cm⁻¹ (2000) Quantum Electronics, 30 (12), pp. 1083-1086.	Scopus
1430.	Shuaibov, A.K., Kacher, I.É., Dashchenko, A.I.	The optical characteristics of plasma formed by laser erosion of CdGa₂Se₄ and CdGa₂S₄ crystals (2000) Technical Physics Letters, 26 (12), pp. 1058-1060.	Scopus
1431.	Bazel, Y.R.	Extraction peculiarities of the salts of polymethine dyes from water phase (2000) Ukrainskij Khimicheskij Zhurnal, 66 (11-12), pp. 104-108.	Scopus
1432.	Malinin, A.N., Guĭvan, N.N., Shimon, L.L.	Emission Spectra of Working Mixtures of a HgBr/HgCl Excimer Lamp (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 89 (6), pp. 829-833.	Scopus
1433.	Szabo, T.A., Danylo, T.I., Sabov, V.I.	The rare decay of kaons (2000) Acta Physica Hungarica New Series Heavy Ion Physics, 11 (1-2), pp. 91-97.	Scopus
1434.	Koval'chuk, A.A.	Species composition and quantitative development of benthic ciliates in the reservoirs of the Dnieper River (2000) Hydrobiological Journal, 36 (2), pp. 27-39.	Scopus
1435.	Balog, J.S., Andruk, V.A., Mushkalo, I.L., Terek, J.	Extraction-spectrophotometric determination of selenium (IV) by means of N,N'-dimethylindodicarbocyanine (2000) Ukrainskij Khimicheskij Zhurnal, 66 (1-2), pp. 46-49.	Scopus
1436.	Slobodyan, L.A., Barchij, U.Y., Peresh, Y.Y., Sabov, M.Y.	Physicochemical interaction in the system TlSe-TlCl-TlBr (2000) Ukrainskij Khimicheskij Zhurnal, 66 (3-4), pp. 71-74.	Scopus
1437.	Balog, I.S., Andruk, V.A., Maga, I.M.	Extraction spectrophotometric determination of tellurium (IV) by means of astraphloxine (2000) Ukrainskij Khimicheskij Zhurnal, 66 (1-2), pp. 109-112.	Scopus
1438.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V.	Production of C*₂ radicals in a transverse volume discharge (2000) Plasma Physics Reports, 26 (12), pp. 1076-1078.	Scopus

1439.	Stasyuk, Y.M., Kovach, S.K., Panko, V.V., Voroshilov, Y.V., Kokhan, O.P.	Electrochemical processes in bulk and at the interface of Cu₆PS₅I single crystal (2000) Ukrainskij Khimicheskij Zhurnal, 66 (7-8), pp. 114-117.	Scopus
1440.	Sharkany, J.P., Zhytov, N.B., Sichka, M.J., Lemko, I.S., Pintye, J.L., Chonka, Y.V.	Optical measurement of medical aerosol media parameters (2000) Proceedings of SPIE - The International Society for Optical Engineering, 4129, pp. 644-649.	Scopus
1441.	Popik, T.Yu., Shpenik, O.B., Puga, P.P., Popik, Yu.V.	Resonance tunneling and slow electron reflection spectra in layered BiTeI and BiTeBr semiconductors (2000) Journal of Optoelectronics and Advanced Materials, 2 (2), pp. 171-176.	Scopus
1442.	Bondar, I.I., Suran, V.V., Dudich, M.I.	Resonant structure in doubly charged ion formation during multiphoton ionization of Sr and Ba atoms by infrared laser radiation (2000) Journal of Physics B: Atomic, Molecular and Optical Physics, 33 (20), pp. 4243-4254.	Scopus
1443.	Fejes, I., Billes, F., Mitsa, V.	A theoretical study of the effect on the vibrational spectrum of the stepwise sulfur by selenium substitution in arsenic pentasulfide (2000) Journal of Molecular Structure: THEOCHEM, 531, pp. 407-414.	Scopus
1444.	Bletskan, D.I., Madyar, I.I., Mikulaninets, S.V., Sichka, M.Yu.	Electrical and photoelectric properties of GeS layered crystals grown by different techniques (2000) Inorganic Materials, 36 (6), pp. 544-550.	Scopus
1445.	Shuaibov, A.K.	Optical characteristics of the plasma of a transverse volume discharge in Cl₂ and He/Cl₂ mixtures (2000) Technical Physics, 45 (10), pp. 1346-1348.	Scopus
1446.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V.	Optical diagnostics of laser-generated indium plasma (2000) Technical Physics Letters, 26 (9), pp. 832-834.	Scopus
1447.	Gedeon, V.F.	Accessible and total molecular surfaces of unsmooth protein globules [Article@dostupnaia i obschchaia molekuliarnaia poverkhnosti negladkikh belkovykh globul.] (2000) Biofizika, 45 (5), pp. 780-789.	Scopus
1448.	Grabar, A.A., Evich, R.M., Vysochanskiĭ, Yu.M.	Modeling of the lattice dynamics and elastic properties of the Sn₂P₂S₆ ferroelectric (2000) Crystallography Reports, 45 (5), pp. 804-807.	Scopus
1449.	Mel'nichenko, T.N., Yurkin, I.M., Fedeleš, V.I., Mel'nichenko, T.D.	Anharmonicity of thermal vibrations and grüneisen parameter of chalcogenide glasses in the Ge-As-S system within the approximation of the free volume concept (2000) Glass Physics and Chemistry, 26 (5), pp. 397-403.	Scopus
1450.	Bondar, I.I., Suran, V.V.	Mixing of Atomic Barium States 6s5d3D₁ and 6s5d 3D₂ by Laser Radiation	Scopus

		(2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 89 (2), pp. 175-178.	
1451.	Domoratskiĭ, K.V., Pastukhov, V.I., Kudzin, A.Yu., Sadovskaya, L.Ya., Rizak, V.M., Stefanovich, V.A.	Raman scattering in the Bi₂TeO₅ single crystal (2000) Physics of the Solid State, 42 (8), pp. 1443-1446.	Scopus
1452.	Maior, M.M.	Effect of germanium doping on pyroelectric and piezoelectric properties of Sn₂P₂S₆ single crystal (2000) IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 47 (4), pp. 877-880.	Scopus
1453.	Vas'kevich, R.I., Khripak, S.M., Staninets, V.I., Zborovskii, Yu.L., Chernega, A.N.	Synthesis of fused thiazolothienopyrimidines (2000) Russian Journal of Organic Chemistry, 36 (7), pp. 1061-1066.	Scopus
1454.	Slivka, M.V., Khripak, S.M., Britsun, V.N., Staninets, V.I.	Synthesis of 3-substituted 1,2,4-triazolo[3,4-b]thiazolium halides (2000) Russian Journal of Organic Chemistry, 36 (7), pp. 1033-1038.	Scopus
1455.	Shuaibov, A.K.	Investigation of the plasma of a 308-nm XeCl excimer light emitter based on an Inert-Gas-CCl₄ mixture (2000) Technical Physics, 45 (6), pp. 797-800.	Scopus
1456.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Neĭmet, Yu.Yu.	Excitation of iron atoms in a plasma of excimer emitters under transverse-discharge pumping (2000) Technical Physics, 45 (6), pp. 801-802.	Scopus
1457.	Bondar', I.I., Suran, V.V.	Resonant Structure of the Formation of Doubly Charged Ions in Multiphoton Ionization of Sr Atoms in the Infrared Spectral Region (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (6), pp. 830-834.	Scopus
1458.	Vysochanskii, Yu.M., Molnar, A.A., Gurzan, M.I., Cajipe, V.B., Bourdon, X.	Dielectric measurement study of lamellar CuInP₂Se₆: Successive transitions towards a ferroelectric state via an incommensurate phase? (2000) Solid State Communications, 115 (1), pp. 13-17.	Scopus
1459.	Guranich, P.P., Lukach, P.M., Tovt, V.V., Gerzanich, E.I., Slivka, A.G., Shusta, V.S., Kedyulich, V.M.	Dynamic shift of the phase-transition temperature in (Sn_{1-x}In_{(2/3)x})₂P₂S₆ crystals with incommensurate phase (2000) JETP Letters, 71 (9), pp. 380-382.	Scopus
1460.	Shuaibov, A.K.	Pulsed microwave radiator for the band system $\lambda = 175 \text{ nm ArCl(B-X)}/236 \text{ nm XeCl(D-X)}/258 \text{ nm Cl}^*_{2}/308 \text{ nm XeCl(B-X)}$ (2000) Technical Physics Letters, 26 (5), pp. 357-359.	Scopus
1461.	Snegurskaya, T.A., Margitich, N.A., Shafran'osh, I.I.	Spectroscopic Study of the Production of Magnesium Ions from the Atomic Metastable States 3s³p³P⁰, 2 by Electron Impact (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (5), pp. 661-663.	Scopus

1462.	Shuaibov, A.K.	Production Conditions and Optical Properties of a Streamer Corona in Working Media of Electric-Discharge XeCl* and KrCl* Lasers (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (5), pp. 796-800.	Scopus
1463.	Bondar, I.I., Suran, V.V.	Perturbation of the Spectrum of the Ba Atom by Radiation from a Color Center Laser in the Range from 8400 to 8700 cm⁻¹ (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (4), pp. 529-532.	Scopus
1464.	Shafranyosh, I.I., Margitich, M.O.	Electron-impact ionization cross section for metastable Ca (3p64s4p 3P0,2) atoms (2000) Journal of Physics B: Atomic, Molecular and Optical Physics, 33 (5), pp. 905-910.	Scopus
1465.	Shuaibov, A.K., Dashchenko, A.I.	Conditions for the simultaneous formation of Ar, Kr, and Xe chlorides in a multiwave radiation source pumped by a transverse discharge (2000) Quantum Electronics, 30 (3), pp. 279-281.	Scopus
1466.	Kikineshi, A., Palyok, V., Shpiyak, M., Szabó, I.A., Beke, D.L.	Photo-induced surface deformation during hologram recording in a-Se films (2000) Journal of Optoelectronics and Advanced Materials, 2 (1), pp. 95-98.	Scopus
1467.	Khripak, S.M., Vas'kevich, R.I., Zborovskii, Yu.L., Staninets, V.I.	Synthesis of triazolothienopyrimidine derivatives (2000) Russian Journal of Organic Chemistry, 36 (3), pp. 430-431.	Scopus
1468.	Suslikov, L.M., Gad'mashi, Z.P., Peresh, E.Yu.	Birefringence of CuGa(S1-xSex)2 Single Crystals (2000) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 88 (2), pp. 278-281.	Scopus
1469.	Shuaibov, A.K.	Optical characteristics of the plasma of a transverse volume discharge in a Ne/Ar/SiH4 mixture (2000) Plasma Physics Reports, 26 (2), pp. 174-176.	Scopus
1470.	Bondar, I.I., Suran, V.V.	The mixing of metastable states of barium atoms induced by the ac stark effect (2000) JETP Letters, 71 (1), pp. 1-3.	Scopus
1471.	Sidey, V.I., Voroshilov, Yu.V., Kun, S.V., Peresh, E.Yu.	Crystal growth and X-ray structure determination of Rb3Bi2I9 (2000) Journal of Alloys and Compounds, 296 (1-2), pp. 53-58.	Scopus
1472.	Lukach, P., Guranich, P., Guivan, A., Gerzanich, E., Panyko, V.	Dielectric properties of Cu6P(S0,1Se0,9)5I superionic crystals under high hydrostatic pressures (2000) Ukrainian Journal of Physical Optics, 1 (1), pp. 62-64.	Scopus
1473.	Studeniyak, I.P.	Exciton-phonon interaction and disordering processes in Cu6P(Si1-xSex)5J fast-ion conductors (2000) Ukrainian Journal of Physical Optics, 1 (1), pp. 58-61.	Scopus
1474.	Suran, V.V., Bondar, I.I.	Variation of the mechanism of Ba2+ ions formation during multiphoton ionization of atoms	Scopus

		(2000) IQEC, International Quantum Electronics Conference Proceedings, p. 93.	
1475.	Boiko, N.V., Lysetska, M.V., Arkadiev, V.G., Maksimov, Y.M., Danylenko, V.P.	Study of immunotropic activities of Bacillus subtilis as the basis of anti-scleroma probiotics. (2000) Mikrobiolohichniy zhurnal (Kiev, Ukraine : 1993), 62 (6), pp. 22-25.	Scopus
1476.	Vysochanskii, Y.M., Drobnych, A.V.	Lattice dynamics and relaxation effects in ferroelectrics of (Sn,Pb)2P2(S,Se)6system (2000) Ferroelectrics, 236 (1), pp. 105-116.	Scopus
1477.	Shuaibov, A.K., Dashchenko, A.I.	An electric-discharge excimer radiation source on a set of Cl2* (258 nm) and ArCl (175 nm) bands (2000) Instruments and Experimental Techniques, 43 (3), pp. 378-380.	Scopus
1478.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Shevera, I.V.	Characteristics of transverse volume discharge in Cf2Cl2 and in Ar/Cf2Cl2 mixture (2000) High Temperature, 38 (3), pp. 363-366.	Scopus
1479.	Mel'nichenko, T.N.	Anharmonic vibrations and gruneisen parameter of the quasi-lattice of glassy arsenic chalcogenides in the free-volume approach (2000) Inorganic Materials, 36 (5), pp. 496-501.	Scopus
1480.	Shuaibov, A.K.	The effect of hydrogen on the characteristics of an electric-discharge multiwave radiator in a Kr-Ar-HCl-H2 mixture (2000) High Temperature, 38 (4), pp. 650-652.	Scopus
1481.	Mikla, V.I., Mikhalko, I.P., Nagy, Y.Y., Mateleshko, A.V., Mikla, V.V.	Electronic properties of Sb_xSe_{1-x} glasses (2000) Journal of Materials Science, 35 (19), с т а т ь я № 274711, pp. 4907-4912	Scopus
1482.	Gomonaj, V., Gomonaj, P., Golub, N., Szekeresh, K., Charmas, B., Lebeda, R.	Compatible adsorption of strontium and zinc ions as well as vitamins on zeolites (2000) Adsorption Science and Technology, 18 (4), pp. 295-306.	Scopus
1483.	Seres, I., Stepanov, S., Mansurova, S., Grabar, A.	Non-steady-state photoelectromotive force effect in photorefractive Sn 2P2S6 crystals (2000) Journal of the Optical Society of America B: Optical Physics, 17 (12), pp. 1986-1991.	Scopus
1484.	Burianova, L., Hana, P., Panos, S., Kulek, J., Tyagur, Yu.II.	Piezoelectric, dielectric and pyroelectric properties of 0-3 ceramic-polymer composites (2000) Ferroelectrics, 241 (1), pp. 59-66.	Scopus
1485.	Billes, F., Mitsa, V., Fejes, I., Mateleshko, N., Fejsa, I.	Calculation of the vibrational spectra of arsenic sulfide clusters (1999) Journal of Molecular Structure, 513 (1-3), pp. 109-115.	Scopus
1486.	Koval'chuk, A.A.	Benthic free-living ciliates of the Dnieper-Bug Eestuary and their role in the processes of production and decomposition (1999) Hydrobiological Journal, 35 (5), pp. 64-75.	Scopus
1487.	Dovgoshey, N.I., Kondrat, O.B., Shchurova, T.N., Savchenko, N.D.	Thermomodification in Si-X-Ge33As12Se55 (X: Sb, Bi) interface (1999) Proceedings of SPIE - The International Society for Optical Engineering, 3890, pp. 512-518.	Scopus

1488.	Dovgoshey, N.I., Kondrat, O.B., Shchurova, T.N., Savchenko, N.D.	Thermodiffusion in Si-X-Ge₃₃As₁₂Se₅₅ (X: Sb, Bi) interface (1999) Proceedings of SPIE - The International Society for Optical Engineering, 3890, pp. 512-518.	Scopus
1489.	Shuaibov, A.K.	A pulsed plasmochemical reactor (1999) Instruments and Experimental Techniques, 42 (2), pp. 273-275.	Scopus
1490.	Guranich, P.P., Lukach, P.M., Tovt, V.V., Gerzanich, E.I., Slivka, A.G., Shusta, V.S., Kedyulich, V.M.	Phase transitions in the ferroelectrics (Sn_{1-x}In_{(2/3)x})₂P₂S₆ at high pressures (1999) Physics of the Solid State, 41 (7), pp. 1166-1168.	Scopus
1491.	Vysochanskii, Yu.M., Molnar, A.A., Khoma, M.M.	Influence of defects and conductivity on the phase transitions and the domain structure properties in ferroelectric-semiconductors Sn₂P₂S(Se)₆ (1999) Ferroelectrics, 223 (1-4), pp. 19-26.	Scopus
1492.	Drobnich, A., Vysochanskii, Yu.	Monte-Carlo computer simulation of the phase transitions in Sn(Pb)₂P₂S(Se)₆ crystals (1999) Ferroelectrics, 226 (1-4), pp. 37-49.	Scopus
1493.	Drobnich, A., Vysochanskii, Yu.	Monte-Carlo simulation of the phase diagrams in Ising model of [Sn(Pb)]₂P₂[S(Se)]₆ crystals (1999) Ferroelectrics, 233 (1-2), pp. 145-158.	Scopus
1494.	Shafran'osh, I.I., Snegurskaya, T.A.	Excitation of copper atoms from metastable states by electrons (1999) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 86 (2), pp. 171-174.	Scopus
1495.	Potorii, M.V., Voroshilov, Yu.V., Tovt, V.V.	Physicochemical study of the Cd-P-S and Cd-P-Se systems (1999) Inorganic Materials, 35 (11), pp. 1108-1112.	Scopus
1496.	Popovich, N., Kacher, I., Dovgoshey, N., Tomashpolskij, Yu.	Peculiarities of preparation and main optical properties of zinctetratrigallates films (1999) Proceedings of SPIE - The International Society for Optical Engineering, 3890, pp. 479-482.	Scopus
1497.	Gudivok, P.M., Shapochka, I.V.	On chernikov P-groups (1999) Ukrainian Mathematical Journal, 51 (3), pp. 329-342.	Scopus
1498.	Lengyel, V.I., Shpenik, A.O.	Nucleon-nucleon scattering in chiral nonlinear Lagrangian approach (1999) Acta Physica Hungarica New Series Heavy Ion Physics, 10 (4), pp. 383-389.	Scopus
1499.	Savchenko, Nicolai D.	Thermal stress minimization in optical components coated with Ge-As-Se films (1999) Proceedings of SPIE - The International Society for Optical Engineering, 3890, pp. 385-390.	Scopus
1500.	Kikineshi, Alexander, Rosola, Ivan	Material dispersion in (As₂S₃)_x(As₁₃)_{1-x} glasses (1999) Proceedings of SPIE - The International Society for Optical Engineering, 3890, pp. 502-506.	Scopus
1501.	Palyok, V., Malyovanik, M.	Photoinduced extension and optical recording in a-Se/As₂S₃ multilayers (1999) Journal of Optoelectronics and Advanced Materials, 1 (3), pp. 77-80.	Scopus
1502.	Vysochanskii, Yu.M., Molnar, A.A., Stephanovich, V.A., Cajipe, V.B., Bourdon, X.	Dipole ordering and critical behavior of the static and dynamic properties in three-dimensional and	Scopus

		layered $MM' P_2X_6$ crystals ($M, M' - Sn, Cu, In; X-S, Se$) (1999) <i>Ferroelectrics</i> , 226 (1-4), pp. 243-261.	
1503.	Kormosh, Z., Bazel, Y., Balogh, J.	Extraction of some ion-pairs of oxianions with basic polymethine dyes and their analytical application (1999) <i>ACH - Models in Chemistry</i> , 136 (4), pp. 421-429.	Scopus
1504.	Kroupa, J., Tyagur, Y.I., Grabar, A.A., Vysochanskii, Y.M.	Electro-optic properties of $Sn_2P_2S_6$ (1999) <i>Ferroelectrics</i> , 223 (1-4), pp. 421-428.	Scopus
1505.	Balogh, J., Molnar, J., Hargitai-Tóth, Á.	Extraction-photometric determination of nickel (II) and cobalt (II) with basic dyes (1999) <i>ACH - Models in Chemistry</i> , 136 (4), pp. 415-420.	Scopus
1506.	Prokof'eva, V.V., Demchik, M.I., Karachkina, L.G., Gaftonyuk, N.M.	Photometric observations of the asteroid 87 Sylvia in 1989 and 1992-1993 at the crimean astrophysical observatory and their fourier analysis (1999) <i>Solar System Research</i> , 33 (3), pp. 200-211.	Scopus
1507.	Studeniyak, I.P., Kranjčec, M., Kovács, Gy.S., Pan'ko, V.V., Desnica, I.D., Slivka, A.G., Guranich, P.P.	The effect of temperature and pressure on the optical absorption edge in Cu_6PS_5X ($X = Cl, Br, I$) crystals (1999) <i>Journal of Physics and Chemistry of Solids</i> , 60 (12), pp. 1897-1904.	Scopus
1508.	Shpak, I.I., Guranich, P.P., Semak, D.G.	Temperature dependence of electronic polarizability for glasses in the Ag - As - Se system (1999) <i>Glass Physics and Chemistry</i> , 25 (6), pp. 527-528.	Scopus
1509.	Bercha, D.M., Rushchanskii, K.Z.	Dynamical parameters and phonon spectrum of crystal In_4Te_3 (1999) <i>Physics of the Solid State</i> , 41 (10), pp. 1693-1696.	Scopus
1510.	Bondar', I.I.	Perturbation, Excitation, and Ionization of the Ba Atom upon Simultaneous and Separate Irradiation by Dye and Color-Center Lasers (1999) <i>Optics and Spectroscopy (English translation of Optika i Spektroskopiya)</i> , 87 (3), pp. 348-351.	Scopus
1511.	Bondar, I.I., Suran, V.V.	Resonance structure of the formation of Ba^+ ions in multiphoton ionization of Ba atoms in the presence of two laser radiation fields (1999) <i>Laser Physics</i> , 9 (5), pp. 1045-1047.	Scopus
1512.	Bondar', I.I., Suran, V.V.	Use of the ac Stark effect to alter the mechanism of formation of doubly charged ions in the ionisation of barium atoms by visible light (1999) <i>Quantum Electronics</i> , 29 (8), pp. 719-723.	Scopus
1513.	Shuaibov, A.K.	Steady-state Excitation of Ne atoms in the working medium of a 585.3-nm plasma laser (1999) <i>Plasma Physics Reports</i> , 25 (8), pp. 652-656.	Scopus
1514.	Bondar', I.I.	Dynamic Stark Effect in a Sr Atom under the Action of Radiation of a Color Center Laser	Scopus

		(1999) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 87 (2), pp. 187-192.	
1515.	Mañor, M.M.	Dielectric properties of Sn₂P₂S₆ crystals as a function of their growth conditions (1999) Physics of the Solid State, 41 (8), pp. 1333-1337.	Scopus
1516.	Shuaibov, A.K., Shimon, L.L., Shevera, I.V., Dashchenko, A.I.	Study of emission from decomposition products of CF₂Cl₂ molecules in a pulsed volume discharge (1999) Plasma Physics Reports, 25 (7), pp. 585-590.	Scopus
1517.	Kormosh, Zh.A., Bazel', Ya.R.	Extraction of oxyanions with basic polymethine dyes from aqueous and aqueous-organic solutions: Extraction-photometric determination of rhenium(VII) and tungsten(VI) (1999) Journal of Analytical Chemistry, 54 (7), pp. 607-611.	Scopus
1518.	Shuaibov, A.K.	Bipolar atmospheric-pressure corona discharge in a He/H₂mixture (1999) Technical Physics, 44 (7), pp. 767-770.	Scopus
1519.	Shuaibov, A.K.	Pulsed electric-discharge source of UV-VUV radiation on argon and krypton monohalides (1999) High Temperature, 37 (4), pp. 646-648.	Scopus
1520.	Fejsa, I., Mitsa, V., Bletskan, D.	Raman spectra of X-GeS zeolite matrices and the structure of As-Ge₂S₃glasses (1999) Journal of Molecular Structure, 480-481, pp. 695-697.	Scopus
1521.	Bondar', I.I.	Resonant Mixing of Excited States in Multiphoton Ionization of a Ba Atom by Radiation of a Color Center Laser (1999) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 86 (5), pp. 660-666.	Scopus
1522.	Bondar, I.I., Suran, V.V.	Formation of doubly charged ions in the ionization of Sr atoms with radiation of color-center lasers (1999) Laser Physics, 9 (3), pp. 650-654.	Scopus
1523.	Marjan, M., Kurik, M., Kikineshy, A., Watson, L.M., Szász, A.	Two-structure model of liquid water (1999) Modelling and Simulation in Materials Science and Engineering, 7 (3), pp. 321-331.	Scopus
1524.	Baltrunas, D., Grabar, A.A., Mazeika, K., Vysochanskii, Yu.M.	Temperature investigations of the ferroelectric crystals Sn₂P₂S₆ and Sn₂P₂Se₆ by means of ¹¹⁹Sn Mössbauer spectroscopy (1999) Journal of Physics Condensed Matter, 11 (14), pp. 2983-2992.	Scopus
1525.	Balogh, I.S., Andruch, V.	Comparative spectrophotometric study of the complexation and extraction of tellurium with various halide ions and N,N'-di(acetoxyethyl)indocarbocyanine (1999) Analytica Chimica Acta, 386 (1-2), pp. 161-167.	Scopus
1526.	Batori-Tartsai, Z., Ludmann, K., Váró, G.	The effect of chemical additives on the bacteriorhodopsin photocycle (1999) Journal of Photochemistry and Photobiology B: Biology, 49 (2-3), pp. 192-197.	Scopus

1527.	Domoratskiĭ, K.V., Sadovskaya, L.Ya., Rizak, V.M., Stefanovich, V.A.	Investigation of the specific heat of bismuth tellurite in the temperature range 100-370 K (1999) Physics of the Solid State, 41 (4), pp. 565-567.	Scopus
1528.	Palyok, V., Mishak, A., Szabó, I., Beke, D.L., Kikineshi, A.	Photoinduced transformations and holographic recording in nanolayered a-Se/As ₂ S ₃ and AsSe/As ₂ S ₃ films (1999) Applied Physics A: Materials Science and Processing, 68 (4), pp. 489-492.	Scopus
1529.	Haznar, A., Pietraszko, A., Studenyak, I.P.	X-ray study of the superionic phase transition in Cu ₆ PS ₅ Br (1999) Solid State Ionics, 119 (1), pp. 31-36.	Scopus
1530.	Enjalbert, R., Galy, J., Vysochanskii, Y., Ouédraogo, A., Saint-Grégoire, P.	Structural study of the ferroelectric instability in Sn ₂ P ₂ Se ₆ (1999) European Physical Journal B, 8 (2), pp. 169-177.	Scopus
1531.	Bondar, I.I., Suran, V.V.	The influence of the ac Stark effect on the multiphoton ionization of Sr atoms under the action of color-center-laser radiation (1999) Laser Physics, 9 (2), pp. 597-601.	Scopus
1532.	Shuaibov, A.K.	A pulsed plasmochemical reactor (1999) Pribory i Tekhnika Eksperimenta, 42 (2), pp. 273-275.	Scopus
1533.	Bondar, I.I.	A double resonance in the multiphoton ionization of Ba atoms with color-center-laser radiation (1999) Laser Physics, 9 (2), pp. 592-596.	Scopus
1534.	Samulionis, V., Banys, J., Vysochanskii, Yu.	Investigation of acoustoelectric phenomena in Sn ₂ P ₂ S ₆ single crystals (1999) Ferroelectrics, 224 (1-4), pp. 89-96.	Scopus
1535.	Burianova, L., Hana, P., Tyagur, Yu.II., Kulek, J.	Piezoelectric hydrostatic coefficients of PVDF and P(VDF-TrFE) copolymer foils at high hydrostatic pressures (1999) Ferroelectrics, 224 (1-4), pp. 29-38.	Scopus
1536.	Gedeon, V., Lengyel, V., Zatsarinny, O., Kocher, C.A.	Electron-impact excitation of the Mg atom from the ground and metastable states: R-matrix calculation with pseudostates (1999) Physical Review A - Atomic, Molecular, and Optical Physics, 59 (3), с т а т ь я No. 2016, pp. 2016-2029.	Scopus
1537.	Shuaibov, A.K.	The characteristics of a negative corona discharge in He/Xe/SF ₆ mixture (1999) Czechoslovak Journal of Physics, 49 (2), pp. 225-232.	Scopus
1538.	Shuaibov, A.K., Minya, A.I.	Dissociative excitation of the silicon atom in a transverse electric discharge (1999) Quantum Electronics, 29 (2), pp. 183-184.	Scopus
1539.	Shuaibov, A.K., Shimon, L.L., Dashchenko, A.I., Minya, A.I.	Production of excited neon atoms in a transverse discharge with prebreakdown electron multiplication by ionization (1999) Plasma Physics Reports, 25 (2), pp. 179-182.	Scopus

1540.	Shuaibov, A.K.	Conditions for the ignition of a transverse discharge with prebreakdown multiplication of electrons in the active media of gas lasers (1999) Quantum Electronics, 29 (2), pp. 127-130.	Scopus
1541.	Slivka, A.G., Gerzanich, E.I., Shusta, V.S., Guranich, P.P.	Influence of isomorphous substitution and external hydrostatic pressure on the fundamental light-absorption edge in Sn(Pb)2P2S(Se)6 crystals (1999) Russian Physics Journal, 42 (9), pp. 796-800.	Scopus
1542.	Kikineshi, A., Mishak, A., Palyok, V., Shipliyak, M.	Nanolayered chalcogenide glass structures for optical recording (1999) Nanostructured Materials, 12 (1), pp. 417-420.	Scopus
1543.	Chlchak, S.A., Sukhoviya, M.I., Kikineshi, A.A.	Dielectric investigations of the ultraviolet radiation effect on the water solutions of nucleic acid bases (1999) Biopolymers and Cell, 15 (2), pp. 149-153.	Scopus
1544.	Golub, N., Gomonaj, V., Gomonaj, P., Szekeresh, K.	Synthesis and modification of catalysts for the partial oxidation of n-alkanes (1999) Adsorption Science and Technology, 17 (5), pp. 403-408.	Scopus
1545.	Gomonaj, V., Szekeresh, K., Gomonaj, P., Golub, N.	Ion-exchange properties of transcarpathian natural zeolites (1999) Adsorption Science and Technology, 17 (5), pp. 409-415.	Scopus
1546.	Samulionis, V., Banys, J., Vysochanskii, Yu., Grabar, A.A.	The critical behaviour of ultrasonic velocity at a second-order phase transition in Sn2P2S6 single crystals (1999) Physica Status Solidi (B) Basic Research, 215 (2), pp. 1151-1156.	Scopus
1547.	Eijt, S., Maior, M.M.	Raman and infrared hard mode spectroscopy of the internal vibrations in Sn2P2Se6 (1999) Journal of Physics and Chemistry of Solids, 60 (5), pp. 631-643.	Scopus
1548.	Bercha, D.M., Rushchanskii, K.Z., Sznajder, M.	Phonon spectrum of the layered In4Se3 crystal (1999) Physica Status Solidi (B) Basic Research, 212 (2), pp. 247-261.	Scopus
1549.	Kranjcec, M., Desnica, I.D., Studenyak, I.P., Kovacs, Gy.Sh., Potory, M.V., Voroshilov, Yu.V., Gebesh, V.Yu.	Preparation and fundamental optical absorption edge of In4(P2Se6)3 single crystals (1999) Materials Research Bulletin, 34 (14), pp. 2297-2307.	Scopus
1550.	Sharga, B.M., Lyon, G.D.	Bacillus subtilis BS 107 as an antagonist of potato blackleg and soft rot bacteria (1998) Canadian Journal of Microbiology, 44 (8), pp. 777-783.	Scopus
1551.	Balogh, J.	Spectrophotometric and Extraction-Spectrophotometric Determination of Selenium (1998) Chemicke Listy, 92 (9), pp. 733-734.	Scopus
1552.	Vainagii, O.M.	Morphologic changes in popliteal lymph nodes subjected local irradiation with low energy red laser [Article@Morfologicheskie izmeneniia v podkolennykh limfaticeskikh uzlakh pri ikh lokal'nom	Scopus

		obluchenii nizkoénergeticheskim krasnym lazerom.] (1998) Morfologiya (Saint Petersburg, Russia), 114 (6), pp. 49-53.	
1553.	Vainagii, O.M.	Morphologic changes in popliteal lymph nodes subjected local irradiation with low energy red laser [Article@Morfologicheskie izmeneniia v podkolennykh limfaticeskikh uzlakh pri ikh lokal'nom obluchenii nizkoénergeticheskim krasnym lazerom.] (1998) Morfologiya (Saint Petersburg, Russia), 114 (6), pp. 49-53.	Scopus
1554.	Gerasimov, V.V., Mitsa, V.M., Aivazov, A.A.	Element concentration profile and local coordination in a-Si1-xNx:H films (1998) Surface Investigation X-Ray, Synchrotron and Neutron Techniques, 14 (3), pp. 359-363.	Scopus
1555.	Bondar', I.I., Suran, V.V.	Resonance structure of doubly-charged-ion production during laser dielectronic ionization of atoms (1998) JETP Letters, 68 (11), pp. 837-841.	Scopus
1556.	Shuaibov, A.K.	Multiwave excimer lamps using XeF/XeCl/KrF/KrCl molecules (1998) Technical Physics, 43 (12), pp. 1459-1462.	Scopus
1557.	Shuaibov, A.K.	On the operating conditions of the electrical blowing module for a periodic-pulse laser based on fluorine atoms and molecules (1998) Technical Physics, 43 (9), pp. 1083-1086	Scopus
1558.	Bondar, I.I., Suran, V.V.	Study of the stark effect induced in the Ba atom by the dye laser radiation (1998) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 85 (3), pp. 327-332.	Scopus
1559.	Shuaibov, A.K., Shimon, L.L., Shevera, I.V.	A multiwave electric-discharge lamp on halides of inert gases (1998) Instruments and Experimental Techniques, 41 (3), pp. 427-429.	Scopus
1560.	Shuaibov, A.K.	Multiwave source of pulsed radiation of krypton and xenon halides (1998) High Temperature, 36 (3), pp. 484-486.	Scopus
1561.	Shuaibov, A.K.	Characteristics of a multielectrode corona discharge in the working media of periodic-pulse XeCl*and KrCl*lasers (1998) Technical Physics, 43 (5), pp. 522-525.	Scopus
1562.	Vysochanskii, Yu.	Ferroelectricity in complex chalcogenides $M' M'' P_2X_6(M', M'' - Sn, Pb, Cu, In, Cr; X - S, Se)$ (1998) Ferroelectrics, 218 (1), pp. 275-282.	Scopus
1563.	Aizenberg, I.N., Aizenberg, N.N., Gotko, E.S., Sochka, V.A.	Medical image processing using neural networks based on multivalued and universal binary neurons (1998) Proceedings of SPIE - The International Society for Optical Engineering, 3338, pp. 893-903.	Scopus
1564.	Eijt, S.W.H., Currat, R., Lorenzo, J.E., Saint-Grégoire, P., Hennion, B., Vysochanskii, Yu.M.	Soft modes and phonon interactions in Sn2P2S6 studied by neutron scattering	Scopus

		(1998) European Physical Journal B, 5 (2), pp. 169-178.	
1565.	Bilanich, V.S., Gorvat, A.A.	High-temperature relaxation transition in arsenic chalcogenides (1998) Glass Physics and Chemistry, 24 (6), pp. 595-597.	Scopus
1566.	Bercha, D.M., Rushchanskii, K.Z.	Lattice dynamics of crystalline In₄Se₃ (1998) Physics of the Solid State, 40 (11), pp. 1906-1910.	Scopus
1567.	Telichko, F.F., Medvedev, S.Yu., Gedeon, V.F.	Role of heavy elements in radiology (1998) Elektrotehnika, (9), pp. 5-13.	Scopus
1568.	Kacher, I.É., Popovich, N.I., Dovgosheĭ, N.I., Tomashpol'skii, Yu.Ya.	Features of the production and the main optical characteristics of zinc thiogallate films (1998) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 65 (9), pp. 746-747.	Scopus
1569.	Shuaibov, A.K., Minya, A.I., Shevera, V.S., Skubenich, V.V.	The electrical and optical characteristics of a bipolar Corona Discharge in He/N₂/CO(Xe) mixtures at atmospheric pressure (1998) High Temperature, 36 (4), pp. 528-532.	Scopus
1570.	Imre, A., Fedor, V., Kis-Varga, M., Mishak, A., Shipljak, M.	Photostructural transformations in amorphous chalcogenide nanolayered films produced by thermal vapour deposition (1998) Vacuum, 50 (3-4), pp. 507-509.	Scopus
1571.	Eijt, S.W.H., Currat, R., Lorenzo, J.E., Saint-Grégoire, P., Katano, S., Janssen, T., Hennion, B., Vysochanskii, Yu.M.	Soft modes and phonon interactions in Sn₂P₂Se₆ studied by means of neutron scattering (1998) Journal of Physics Condensed Matter, 10 (22), pp. 4811-4844.	Scopus
1572.	Mel'nichenko, T.N.	Application of the Concept of Free Volume to Glassy Arsenic Chalcogenides and Antimony Oxyhalides (1998) Inorganic Materials, 34 (6), pp. 605-608.	Scopus
1573.	Gomonaj, V.I., Gomonaj, P.V., Sekeresh, K.Yu.	Formaldehyde transformations over acid catalysts (1998) Ukrainskij Khimicheskij Zhurnal, 64 (5-6), pp. 34-39.	Scopus
1574.	Shuaibov, A.K., Shimon, L.L., Shevera, I.V.	A multiwave electric-discharge lamp on halides of inert gases (1998) Pribory i Tekhnika Eksperimenta, 41 (3), pp. 142-144.	Scopus
1575.	Studeniyak, I.P., Kranjčec, M., Kovács, Gy.S., Pan'ko, V.V., Azhniuk, Yu.M., Desnica, I.D., Borets, O.M., Voroshilov, Yu.V.	Fundamental optical absorption edge and exciton-phonon interaction in Cu₆PS₅Br superionic ferroelastic (1998) Materials Science and Engineering B, B52 (2-3), pp. 202-207.	Scopus
1576.	Israël, R., de Gelder, R., Smits, J.M.M., Beurskens, R.T., Eijt, S.W.H., Rasing, T., van Kempen, H., Maior, M.M., Motrija, S.R.	Crystal structures of di-tin-hexa(seleno)hypodiphosphate, Sn₂P₂Se₆, in the ferroelectric and paraelectric phase (1998) Zeitschrift für Kristallographie - New Crystal Structures, 213 (1), pp. 34-41.	Scopus
1577.	Grabar, A.A.	Directional light scattering by domain walls in Sn₂P₂S₆ uniaxial ferroelectrics (1998) Journal of Physics Condensed Matter, 10 (10), pp. 2339-2346.	Scopus
1578.	Pyatak, I.L., Dovgoshej, N.I.	Autodiffusion during the process of epitaxy on high-alloyed silicon substrates	Scopus

		(1998) Fizika i Khimiya Obrabotki Materialov, (2), pp. 97-98.	
1579.	Shuaibov, A.K.	Optical characteristics of a unipolar corona discharge in working media of high pressure lasers on Ne(3s-3p) and Ar(3p-4d) atoms (1998) Czechoslovak Journal of Physics, 48 (3), pp. 365-370.	Scopus
1580.	Popovich, N.I., Dovgosheĭ, N.I., Kacher, I.É.	Preparation of thin films of new ZnGa₂S₄ wide-gap semiconductors (1998) Technical Physics Letters, 24 (3), p. 242.	Scopus
1581.	Malinin, A.N.	The main characteristics of the plasma of pulse glow discharge in mixtures of mercury dihalides and rare gases (1998) Laser Physics, 8 (2), pp. 395-406.	Scopus
1582.	Sabov, M.Yu., Peresh, E.Yu., Barchij, I.E.	Phase equilibria in Ti₂S(Se,Te)-ZrS₂(Se₂,Te₂) systems (1998) Ukrainskij Khimicheskij Zhurnal, 64 (3-4), pp. 18-21.	Scopus
1583.	Bondar', I.I., Suran, V.V.	Influence of the Stark effect on multiphoton ionization of atoms when the dynamic polarizability depends strongly on the laser frequency (1998) Journal of Experimental and Theoretical Physics, 86 (2), pp. 276-283.	Scopus
1584.	Mel'nichenko, T.N.	Network Rigidity in V-VI-VII Glassy Semiconductors (1998) Inorganic Materials, 34 (2), pp. 174-177.	Scopus
1585.	Bazel', Ya.R.	Analytical application of reactions of chlorate (VII) with basic polymethine dyes (1998) Ukrainskij Khimicheskij Zhurnal, 64 (1-2), pp. 62-66.	Scopus
1586.	Balog, J.S., Molnar, D.I.	Extraction spectrophotometric determination of nickel with basic dyes (1998) Jianzhu Jiegou Xuebao/Journal of Building Structures, 19 (6), pp. 118-121.	Scopus
1587.	Bazel, Y.R.	Extraction spectrophotometric determination of silver in the presence of thiocyanate ions by means of basic polymethine dye (1998) Jianzhu Jiegou Xuebao/Journal of Building Structures, 19 (6), pp. 58-61.	Scopus
1588.	Bazel, Y.R.	Extraction spectrophotometric determination of silver in the presence of thiocyanate ions by means of basic polymethine dye (1998) Jianzhu Jiegou Xuebao/Journal of Building Structures, 19 (6), pp. 58-61.	Scopus
1589.	Shuaibov, A.K., Shimon, L.L., Minya, A.I., Dashchenko, A.I.	Investigation of radiation of a corona discharge at atmospheric pressure in He/Ne and He/Ne/Kr mixtures (1998) High Temperature, 36 (1), pp. 9-16.	Scopus
1590.	Malinin, A.N.	Improvement of the efficiency of the conversion of the discharge energy into the emission of excimer molecules in mixtures of mercury dihalides and rare gases of excimer lasers (1998) Conference on Lasers and Electro-Optics Europe - Technical Digest, p. 275.	Scopus

1591.	Tyagur, Yu.II.	Peculiarities of ferroelectric p-T phase diagram of Sn ₂ P ₂ S ₆ crystals (1998) Ferroelectrics, 211 (1 /4), pp. 299-308.	Scopus
1592.	Pyatak, I.L., Dovgoshej, N.I.	Effect of fast electron irradiation on specific resistance of silicon epitaxial films (1998) Fizika i Khimiya Obrabotki Materialov, (1), pp. 34-36.	Scopus
1593.	Mikla, V.I.	Carrier transport in selenium-based amorphous multilayer structures (1998) Physica Status Solidi (A) Applied Research, 165 (2), pp. 427-436.	Scopus
1594.	Stasyuk, Y.M., Kovach, S.K., Panko, V.V., Voroshilov, Y.V.	Electrochemical processes at the Cu ₆ PS ₅ Br-electrolyte interface (1998) Jianzhu Jiegou Xuebao/Journal of Building Structures, 19 (6), pp. 36-39.	Scopus
1595.	Bazel', Ya.R.	Complex formation of molybdenum with thiocyanate ions and basic polymethine dyes in the presence of surfactants (1998) Ukrainskij Khimicheskij Zhurnal, 64 (1-2), pp. 122-126.	Scopus
1596.	Vysochanskii, Y.M., Stephanovich, V., Molnar, A., Cajipe, V., Bourdon, X.	Raman spectroscopy study of the ferrielectric-paraelectric transition in layered (1998) Physical Review B - Condensed Matter and Materials Physics, 58 (14), pp. 9119-9124.	Scopus
1597.	Bercha, D.M., Sznajder, M., Bercha, A.I., Kharkhalis, L.Yu., Rushchanskii, K.	The In ₄ Se ₃ crystal as a three-dimensional imitative model of phenomena in one-dimensional crystals (1998) Acta Physica Polonica A, 94 (2), pp. 250-254.	Scopus
1598.	Aizcnberg, I., Aizenberg, N., Astola, J., Egiazarian, K.	Solution of the super-resolution problem through extrapolation of the orthogonal spectra using multi-valued neural technique (1998) European Signal Processing Conference, 1998-January, .	Scopus
1599.	Valakh, M.Ya., Lisitsa, M.P., Peresh, E.Yu., Trylis, O.V., Yaremko, A.M.	The Raman spectra of the family crystals Cs ₃ Bi ₂ Br ₉ , Rb ₃ Bi ₂ Br ₉ and Rb ₃ Sb ₂ Br ₉ (1997) Journal of Molecular Structure, 436-437, pp. 309-313.	Scopus
1600.	Mitsa, V.	Diagnostic of non-crystalline films by use interference of Raman signal in thin and superthin films (1997) Proceedings of SPIE - The International Society for Optical Engineering, 3359, pp. 389-393.	Scopus
1601.	Suran, V.V.	Implementation of the stepwise mechanism of the formation of Ba ²⁺ ions in multiphoton ionization of atoms with linearly and circularly polarized radiation in the frequency range from 17600 to 18700 cm ⁻¹ (1997) Laser Physics, 7 (6), pp. 1220-1224.	Scopus
1602.	Dzjamko, V.S., Sokolyuk, I.V., Zajac, T.M.	A mechanism for excitation of metastable levels by (γ , γ') reactions (1997) Hyperfine Interactions, 107 (1-4), pp. 175-183.	Scopus
1603.	Petrushova, O.V., Mel'nichenko, T.N., Turyanitsa, I.D., Martynov, O.S.	Amorphization Behavior of Zinc-Arsenic Alloys (1997) Inorganic Materials, 33 (12), pp. 1216-1219.	Scopus

1604.	Malinin, A.N.	Excitation of mercury monohalides in the plasma of pulse-periodic discharge in mixtures of mercury dihalides and rare gases (1997) Laser Physics, 7 (5), pp. 1032-1040.	Scopus
1605.	Kossey, I.P.	A note on the completeness of higher order resolution (1997) Publicationes Mathematicae, 51 (1), pp. 127-132.	Scopus
1606.	Savchenko, N., Shchurova, T., Trunov, M., Kondrat, A., Onopko, V.	Deposition technique and external factors effect on Ge ₃₃ As ₁₂ Se ₅₅ - Si heterostructure mechanical properties (1997) Proceedings of SPIE - The International Society for Optical Engineering, 3182, pp. 319-324.	Scopus
1607.	Mishak, Alexander, Kikineshi, Alexander A., Fedor, V., Barna, P.B., Kovacs, I.	Peculiarities of optical recording mechanism in a-Se/As ₂ S ₃ -type nanolayered media (1997) Proceedings of SPIE - The International Society for Optical Engineering, 3055, pp. 25-30.	Scopus
1608.	Rizak, V.M., Al'-shoufi, K., Rizak, L.M., Bokotey, A.A., Vysochanskii, Yu.M., Slivka, V.Yu.	Thermal conduction of Sn(Pb) ₂ P ₂ S(Se) ₆ -like compounds (1997) Ferroelectrics, 192 (1-4), pp. 167-175.	Scopus
1609.	Malinin, A.N.	Excitation of the B ₂ Σ 1/2+ state of mercury monohalides by electron impact (1997) Laser Physics, 7 (6), pp. 1168-1176.	Scopus
1610.	Molnar, A.A., Vysochansku, Yu.M., Horvat, A.A., Nakonechnii, Yu.S.	Critical phenomena in ferroelectric-semiconductor crystals Sn ₂ P ₂ S ₆ : Dielectric investigation (1997) Ferroelectrics, 192 (1-4), pp. 137-148.	Scopus
1611.	Grabar, A.A.	Light-induced electric conductivity in Sn ₂ P ₂ S ₆ (1997) Ferroelectrics, 192 (1-4), pp. 155-159	Scopus
1612.	Malinin, A.N.	The efficiency of the quenching of the B ₂ Σ 1/2+ state in mercury monohalides by halogen-containing molecules in active media of HgCl, HgBr, and HgJ excimer lasers (1997) Laser Physics, 7 (6), pp. 1177-1181.	Scopus
1613.	Rizak, V.M., Al'-shoufi, K., Rizak, I.M., Vysochanskii, Yu.M., Slivka, V.Yu.	On the origin of the anomalies in the temperature dependences of thermal conduction in Sn ₂ P ₂ S ₆ -like crystals at the phase transitions (1997) Ferroelectrics, 192 (1-4), pp. 177-185.	Scopus
1614.	Malinin, A.N.	Processes of formation of negative ions in gas mixtures of active elements of XeCl and HgBr lasers (1997) Laser Physics, 7 (4), pp. 928-934.	Scopus
1615.	Bandrovskaya, I.K., Shershun, Yu.D., Batori-Tartsi, Z.I., Frolova, N.P., Korposh, O.I., Sharkany, J.P.	Special photochrome material based on bacteriorhodopsin (1997) Proceedings of SPIE - The International Society for Optical Engineering, 3055, pp. 91-94.	Scopus
1616.	Rizak, V.M., Bokotey, A.A., Rizak, I.M., Au-Shoufi, K., Slivka, V.Yu.	Electric conduction of Sn(Pb) ₂ P ₂ S(Se) ₆ -like crystals (1997) Ferroelectrics, 192 (1-4), pp. 149-154.	Scopus
1617.	Rosola, I., Kikineshi, A.	Investigation of refractivity dispersion in glassy As ₂ S ₅ for infrared optics (1997) Proceedings of SPIE - The International	Scopus

		Society for Optical Engineering, 3359, pp. 101-105.	
1618.	Pop, S.S., Bandurin, Yu.A., Dashchenko, A.I., Mitropol'skii, I.E.	Polarization of plasmon radiation under ion bombardment of a silver surface (1997) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 83 (1), pp. 34-38.	Scopus
1619.	Gerzanich, E.I., Guranich, P.P., Slivka, A.G., Shusta, V.S., Gurzan, M.I., Kedyulich, V.M.	Baric dependence of the fundamental absorption edge in the region of phase transitions of Sn 2P 2S 6-type intrinsic ferroelectrics (1997) Russian Physics Journal, 40 (8), pp. 784-786.	Scopus
1620.	Grabar, A.A., Bercha, A.I., Simchera, V. Yu., Stoika, I.M.	3D domain mapping in Sn2P2S6 uniaxial ferroelectrics based on the photorefractive measurements (1997) Ferroelectrics, 202 (1-4), pp. 211-217.	Scopus
1621.	Krivskii, I. Yu., Simulik, V.M., Torich, Z.Z.	Local and other symmetries of the subsystem of Maxwell rotation equations (1997) Russian Physics Journal, 40 (5), pp. 486-491.	Scopus
1622.	Maior, M.M., Molnar, Sh.B., Slivka, V. Yu.	The nature of dielectric anomaly near Tc in ferroelectric phase of the proper ferroelectric Sn2P2Se6 with an incommensurate phase (1997) Ferroelectrics, 192 (1-4), pp. 161-166.	Scopus
1623.	Savchenko, N., Shchurova, T., Kondrat, A., Dovgoshey, N.	Radiation stable infrared optical components (1997) Proceedings of SPIE - The International Society for Optical Engineering, 3359, pp. 523-529.	Scopus
1624.	Vysochanskii, Yu.M., Khoma, M.M., Molnar, A.A.	The lock-in transition in proper Sn2P2(SexS1-x)6 ferroelectrics (1997) Ferroelectrics, 191 (1-4), pp. 231-239.	Scopus
1625.	Popovich, N., Zhikharev, V., Dovgoshey, N., Kacher, I.	The mechanism of the ZnGa2S4 monolayer formation on NaCl surface (1997) Proceedings of SPIE - The International Society for Optical Engineering, 3359, pp. 90-94.	Scopus
1626.	Sznajder, M., Bercha, D.M., Kharkhalis, L. Yu.	Band structure and the model of a disorder in the In4Se3 crystal (1997) Opto-electronics Review, 1997 (2), pp. 123-128.	Scopus
1627.	Bercha, D.M., Kharkhalis, L. Yu.	Interactive branch COUPLE in low frequency regions: A consequence of symmetry and strong anisotropy in SbSI single crystals (1997) Ferroelectrics, 192 (1-4), pp. 113-119.	Scopus
1628.	Sharga, B.M.	Bacillus isolates as potential biocontrol agents against chocolate spot on faba beans (1997) Canadian Journal of Microbiology, 43 (10), pp. 915-924.	Scopus
1629.	Wiegers, S.A.J., Maior, M.M., Penning, F.C., Molnar, S.H.B., Van Kempen, H., Vysochanskii, Yu.M., Maan, J.C.	Reproducibility of low temperature capacitance thermometers based on (Pb0.45Sn0.55)2P2Se6 single crystal (1997) Ferroelectrics, 192 (1-4), pp. 349-352.	Scopus
1630.	Fenchak, V. Yu., Kityk, I.V., Grabar, A.A., Suvka, V. Yu.	Electron spectra calculations of Sn2P2S6 family crystals (1997) Ferroelectrics, 192 (1-4), pp. 129-133.	Scopus
1631.	Maior, M.M., Wiegers, S.A.J., Rasing, Th., Eijt, S.W.H., Penning, F.C., Vysochanskii, Yu.M., Motrja,	Low temperature properties of incommensurate ferroelectrics (PbySn1-y)2P2Se6	Scopus

	S.F., Van Kempen, H.	(1997) Ferroelectrics, 202 (1-4), pp. 139-148	
1632.	Puga, P.P., Maslyuk, V.T., Rosola, I.Y., Puga, G.D., Gunda, B.M.	Peculiarities of refractive index temperature dispersion of Ge-As-S-I glasses system (1997) Opto-electronics Review, 1997 (1), pp. 43-46.	Scopus
1633.	Bunda, V.V., Slivka, V.Yu., Feher, A., Orendac, M., Dyakonov, V.P.	The ultra-low temperature investigations of antiferromagnetic ordering in a DyBa₂Cu₃O_{7-δ} single crystals (1997) Ferroelectrics, 192 (1-4), pp. 257-262.	Scopus
1634.	Bunda, V.V., Kun, A.M., Bunda, S.A., Slivka, V.Yu., Kovac, J.	Peculiarities of magnetic properties of the iodine doped bismuth-2234 high temperature superconductors (1997) Ferroelectrics, 192 (1-4), pp. 249-255.	Scopus
1635.	Pishchik, V.N., Chernyaeva, I.I., Semenova, E.A., Bel'kova, E.I., Vasser, N.R., Koval', G.N., Turyanitsa, A.I.	Metabolic features of bacteria of the genus Klebsiella (1997) Microbiology, 66 (1), pp. 43-47.	Scopus
1636.	Tyagur, Yu.I., Jun, J.	The influence of high hydrostatic pressures on phase transitions temperature in ferroelectric crystals of (PbySn_{1-y})₂P₂(SexS_{1-x})₆ family (1997) Ferroelectrics, 192 (1-4), pp. 187-195.	Scopus
1637.	Fekeshgazi, I.V., May, K.V., Mitza, V., Roman, V.V., Vakaruk, A.	Light absorption and structure correlation in ternary Ge-As-S glasses (1997) Proceedings of SPIE - The International Society for Optical Engineering, 2968, pp. 256-259.	Scopus
1638.	Eijt, S.W.H., Currat, R., Lorenzo, J.E., Katano, S., Saintgregoire, P., Hennion, B., Vysochanskii, Yu.M.	Soft mode behaviour of incommensurate Sn₂P₂Se₆: An inelastic neutron scattering study (1997) Ferroelectrics, 202 (1-4), pp. 121-129.	Scopus
1639.	Shuaibov, A.K., Shimon, L.L., Minya, A.I., Dashchenko, A.I.	An excimer lamp with a self-pumped working medium (1997) Instruments and Experimental Techniques, 40 (6), pp. 858-860.	Scopus
1640.	Shuaibov, A.K., Shevera, I.V.	Electrical and optical characteristics of inert-gas plasmas in spatially nonuniform electrode systems (1997) Technical Physics, 42 (11), pp. 1254-1257.	Scopus
1641.	Bercha, D.M., Kharkhalis, L.Yu., Bercha, A.I., Shnajder, M.	Low-energy nonparabolicity and condensation states in In₄Se₃ crystals (1997) Semiconductors, 31 (11), pp. 1118-1122.	Scopus
1642.	Mikla, V.I.	Distinct topological regimes in binary As_xSe_{1-x} glasses (1997) Journal of Physics Condensed Matter, 9 (43), pp. 9209-9217.	Scopus
1643.	Shuaibov, A.K., Dashchenko, A.I., Sinishin, A.A., Shevera, V.S.	Characteristics of a submicrosecond transverse discharge in mixtures of helium with N₂ and CO molecules and xenon atoms (1997) Technical Physics Letters, 23 (10), pp. 765-766.	Scopus
1644.	Shuaibov, A.K., Dashchenko, A.I., Shevera, I.V., Minya, A.I.	Optical characteristics of a dense electric-discharge plasma of inert gases in a strongly nonuniform electric field	Scopus

		(1997) Plasma Physics Reports, 23 (10), pp. 886-890	
1645.	Mikla, V.	Local structural change in a-AsxSe1-x system (1997) Materials Science and Engineering B, 49 (2), pp. 123-127.	Scopus
1646.	Shuaibov, A.K., Shevera, I.V., Minya, A.I., Dashchenko, A.I., Skubenich, V.V.	A system for electrically driven circulation of working media of high-pressure molecular gas lasers (1997) Instruments and Experimental Techniques, 40 (5), pp. 676-681.	Scopus
1647.	Medvedev, S.Yu., Telichko, F.F., Gedeon, V.F.	Ionized radiation energy absorption distribution in microstructures of biosystem (1997) Radiatsionnaya Biologiya. Radioekologiya, 37 (5), pp. 727-734.	Scopus
1648.	Valakh, M.Ya., Lisitsa, M.P., Trilis, A.V., Yaremko, A.M., Peresh, E.Yu.	Raman scattering in A3B2C9ferroelectric crystals (1997) Physics of the Solid State, 39 (8), pp. 1289-1291.	Scopus
1649.	Bercha, D.M., Grabar, A.A., Kharkhalis, L.Yu., Mitin, O.B., Bercha, A.I.	Band structure and model of the paraelectric structure of the Sn2P2S6crystal (1997) Physics of the Solid State, 39 (7), pp. 1081-1084.	Scopus
1650.	Balog, I.S., Maga, I.M., Gargitai-Tot, A.	Extraction photometric determination of chromium (VI) with Astrazon Violet 3R (1997) Ukrainskij Khimicheskij Zhurnal, (7-8), pp. 120-123.	Scopus
1651.	Chundak, S.Yu., Sukharev, S.N.	Salicylidene hydrazones of carboxylic acids as reagents for the solvent-extraction-photometric determination of aluminum as ion pairs with cyanine dyes (1997) Journal of Analytical Chemistry, 52 (6), pp. 542-547.	Scopus
1652.	Bazel', Ya.R., Studenyak, Ya.I., Tolmachev, A.A.	Solvent extraction of thiocyanate complexes of elements with basic cyanine dyes from aqueous-organic solutions: Extraction-photometric determination of palladium(II) (1997) Journal of Analytical Chemistry, 52 (6), pp. 536-541	Scopus
1653.	Shafranyosh, I.I., Snegurskaya, T.A., Margitich, N.A., Bogacheva, S.P., Lengyel, V.I., Zatsarinny, O.I.	Excitation of the Ca atom from the metastable states by electron impact (1997) Journal of Physics B: Atomic, Molecular and Optical Physics, 30 (9), pp. 2261-2285.	Scopus
1654.	Bondar, I.I.	The influence of perturbation on the multiphoton ionization of Ba atoms in the field of infrared laser radiation (1997) Laser Physics, 7 (3), pp. 643-650	Scopus
1655.	Suran, V.V.	Investigation of three-photon ionization of Sr atoms in the frequency range from 16000 to 18950 cm-1 (1997) Laser Physics, 7 (3), pp. 632-636.	Scopus
1656.	Suran, V.V.	The measurement of the cross sections of multiphoton ionization for Sr+ and Ba+ ions (1997) Laser Physics, 7 (3), pp. 637-642.	Scopus
1657.	Suran, V.V.	Formation of Ca2+ ions in multiphoton ionization of atoms with linearly and circularly polarized	Scopus

		radiation in the frequency range from 15000 to 18700 cm ⁻¹ (1997) Laser Physics, 7 (3), pp. 665-671.	
1658.	Suran, V.V.	Implementing the stepwise mechanism of the formation of Sr ²⁺ and Ba ²⁺ ions in multiphoton ionization of atoms in the frequency range from 18 780 to 18 940 cm ⁻¹ (1997) Laser Physics, 7 (3), pp. 660-664.	Scopus
1659.	Haysak, M.I., Dovhanich, M.M., Onysko, V.V.	Two-dimensional basis for the investigation of angular correlations in helium-like systems (1997) Laser Physics, 7 (3), pp. 672-678.	Scopus
1660.	Peresh, E.Yu., Lazarev, V.B., Kun, S.V., Barchii, I.E., Kun, A.V., Sidei, V.I.	Mixed halides A3IB2VC9VII(AI= RB, Cs; BV= SB, Bi; CVII= Br, I) and their solid solutions (1997) Inorganic Materials, 33 (4), pp. 362-365.	Scopus
1661.	Peresh, E.Yu., Lazarev, V.B., Barchii, I.E., Tsigika, V.V., Sabov, M.Yu.	Dissociation of molten Tl6S(Se)I4 and Tl5Se2Br(I) and phase equilibria in the Tl6SI4-Tl6SeI4 and Tl5Se2Br-Tl5Se2I systems (1997) Inorganic Materials, 33 (4), pp. 359-361.	Scopus
1662.	Voronich, O.G., Bazel', Ya.R., Balog, J.S., Studenyak, Ya.I.	Study and analytical applications of bismuth complexes with bromide ions and cyanine dyes (1997) Ukrainskij Khimicheskij Zhurnal, 63 (3-4), pp. 33-36.	Scopus
1663.	Petrushova, O.V., Mel'nichenko, T.N.	Acoustooptic and Elastic Properties of Cadmium-Arsenic Glasses (1997) Inorganic Materials, 33 (3), pp. 226-229.	Scopus
1664.	Chundak, S.Yu., Shukhareva, O.Yu., Sukharev, S.M., Khripak, S.M., Slivka, M.V.	Complexation and extraction of ionic associates of cadmium, mercury (II) and lead (II) with some sulfur-containing triazoles and basic dyes (1997) Ukrainskij Khimicheskij Zhurnal, 63 (3-4), pp. 37-41.	Scopus
1665.	Lukach, Yu.I., Shman'ko, P.I.	Complex compounds of Co (II), Ni (II) and Cu (II) with furan-2-carboxylic acid propylidenehydrazone (1997) Ukrainskij Khimicheskij Zhurnal, 63 (3-4), pp. 11-14.	Scopus
1666.	Shuaibov, A.K., Shevera, I.V., Minya, A.I.	An inert gas chloride streamer lamp (1997) Instruments and Experimental Techniques, 40 (2), pp. 287-288.	Scopus
1667.	Bercha, D.M., Mitin, O.B., Kharkhalis, L.Yu.	Models of the Cd _{0.5} Zn _{0.5} Sb Solid Solution and the Energy Spectrum of Current Carriers (1997) Inorganic Materials, 33 (3), pp. 230-234.	Scopus
1668.	Studenyak, I.P., Stefanovich, V.O., Kranjčec, M., Desnica, D.I., Azhnyuk, Yu.M., Kovacs, Gy.Sh., Panko, V.V.	Raman scattering studies of Cu ₆ PS ₅ Hal (Hal = Cl, Br and I) fastion conductors (1997) Solid State Ionics, 95 (3-4), pp. 221-225.	Scopus
1669.	Kranjčec, M., Desnica, I.D., Studenyak, I.P., Čelustka, B., Borec, A.N., Yurkin, I.M., Kovacs, Gy.Sh.	Acousto-optic modulator with a (Ga _{0.4} In _{0.6}) ₂ Se ₃ monocrystal as the active element (1997) Applied Optics, 36 (2), pp. 490-493.	Scopus
1670.	Kranjčec, M., Dunja Desnica, I., Studenyak, I.P., Čelustka, B., Borec, A.N., Yurkin, I.M., Kovacs, G.S.	Acousto-optic modulator with a (ga _{0.4} in _{0.6}) ₂ se ₃ monocrystal as the active element	Scopus

		(1997) Applied Optics, 36 (2), pp. 490-493.	
1671.	Mitsa, V., Fejsa, I.	Raman spectra of chalcogenides implanted into pores of zeolites (1997) Journal of Molecular Structure, 410-411, pp. 263-265	Scopus
1672.	Shuaibov, A.K., Shimon, L.L., Shevera, I.V.	Characteristics of a corona discharge in active media of pulse-periodic XeCl* lasers emitting at $\lambda = 308$ nm (1997) Quantum Electronics, 27 (1), pp. 18-22.	Scopus
1673.	Kovach, A.P., Potorij, M.V., Voroshilov, Yu.V., Tovt, V.V.	Physicochemical investigation of Cd(Zn)S(Se)-P2S4(Se4) systems (1997) Ukrainskij Khimicheskij Zhurnal, 63 (1-2), pp. 92-96.	Scopus
1674.	Sukharev, S.N., Chundak, S.Yu., Sukhareva, O.Yu.	Extractive-photometric determination of chromium in river water (1997) Khimiya i Tekhnologiya Vody, 19 (1), pp. 14-18.	Scopus
1675.	Gerasimov, V., Mitsa, V.	Raman spectra of a-Si(1-x)N(x):H films following natural ageing (1997) Journal of Molecular Structure, 410-411, pp. 245-247.	Scopus
1676.	Aizenberg, N.N., Aizenberg, I.N.	Universal binary and multi-valued neurons paradigm: Conception, learning, applications (1997) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 1240 LNCS, pp. 463-472.	Scopus
1677.	Bercha, D.M., Kharkhalis, L.Yu., Bercha, A.I., Sznajder, M.	Band structure and condensation states in In4Se3crystals (1997) Physica Status Solidi (B) Basic Research, 203 (2), pp. 427-440.	Scopus
1678.	Gedeon, V., Lengyel, V., Zatsarinny, O., Kocher, C.A.	Calculation of electron-impact excitation from metastable states of the Sr atom (1997) Physical Review A - Atomic, Molecular, and Optical Physics, 56 (5), pp. 3753-3764.	Scopus
1679.	Bunda, V.V., Mary'chuk, R., Semrad, O., Bunda, S., Butorin, A., Slivka, V.	Reproducible superconductivity (Tc125K) in Y1Ba2Cu3O7- δ Fz system (1996) Czechoslovak Journal of Physics, 46 (SUPPL. 3), pp. 1453-1454.	Scopus
1680.	Opachko, I.I.	A study of the dynamics of resonant and nonresonant action of excimer laser radiation on a surface using a quantum brightness amplifier based on a copper-vapor laser (1996) Journal of Russian Laser Research, 17 (4), pp. 406-408.	Scopus
1681.	Malinin, A.N., Shimon, L.L.	Processes of impurity formation in the active medium of a pulse-periodic gas-discharge XeCl laser (1996) Laser Physics, 6 (2), pp. 388-393.	Scopus
1682.	Suran, V.V., Bondar, I.I., Dudich, M.I.	Multiphoton ionization of aligned Ba atoms from the excited 6s6p1P10 state (1996) Laser Physics, 6 (1), pp. 60-64.	Scopus
1683.	Malinin, A.N., Shimon, L.L.	Excitation of the B2 Σ +1/2 state of the HgBr* molecules in a gas-discharge plasma formed from a mixture of mercury dibromide and helium	Scopus

		(1996) Quantum Electronics, 26 (12), pp. 1047-1050.	
1684.	Voroshilov, Yu.V., Khudolii, V.A., Pan'ko, V.V.	Phase Equilibria in the HgS-HgTe-HgCl₂ System and the Crystal Structure of β-Hg₃S₂Cl₂ and Hg₃TeCl₄ (1996) Russian Journal of Inorganic Chemistry, 41 (2), pp. 274-280.	Scopus
1685.	Bunda, V.V., Bunda, S., Krivsky, V., Butorin, A., Zihika, V.	Physical properties of "HTSC - photosemiconductor" hybrid contact structures (1996) Czechoslovak Journal of Physics, 46 (SUPPL. 3), pp. 1361-1362.	Scopus
1686.	Aizenberg, Igor N.	Extraction of the small details on the noised images and their sharpening: implementation on the CNN (1996) Proceedings of the IEEE International Workshop on Cellular Neural Networks and their Applications, pp. 31-36.	Scopus
1687.	Pan'ko, V.V., Voroshilov, Yu.V., Khudolii, V.A., Shelemba, M.S.	Phase Equilibria in the HgS(Se)-HgCl₂-HgBr₂ Systems (1996) Russian Journal of Inorganic Chemistry, 41 (10), pp. 1648-1650.	Scopus
1688.	Aizenberg, Naum, Aizenberg, Igor N., Krivosheev, Georgy A.	CNN based on Universal Binary Neurons: learning algorithm with error-correction and application to impulsive-noise filtering on gray-scale images (1996) Proceedings of the IEEE International Workshop on Cellular Neural Networks and their Applications, pp. 309-314.	Scopus
1689.	Shevera, V.S., Shuaibov, A.K.	The plasma diagnostics of high - Pressure lasers with pumping by transversal discharge (1996) Proceedings of SPIE - The International Society for Optical Engineering, 2778 (PART 2), p. 720.	Scopus
1690.	Voroshilov, Yu.V., Khudolii, V.A., Pan'ko, V.V., Minets, Yu.V.	Phase Equilibria in the HgS-HgTe-HgBr₂ System and Crystal Structure of Hg₃S₂Br₂ and Hg₃TeBr₄ (1996) Inorganic Materials, 32 (12), pp. 1281-1286.	Scopus
1691.	Suran, V.V., Bondar', I.I., Dudich, M.I.	Multiphoton ionization of Ba atoms in the spectral region from 8300 to 9100 cm⁻¹ (1996) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 80 (2), pp. 173-175.	Scopus
1692.	Bondar, I.I., Suran, V.V., Dudich, M.I.	Resonant structure of multiphoton ionization of Ba atoms in two laser fields (1996) Laser Physics, 6 (1), pp. 65-68.	Scopus
1693.	Gerasimov, V., Mitsa, V., Babinets, Y.	Optical tomography of non-crystalline films by interference enhanced Raman spectroscopy (1996) Fresenius' Journal of Analytical Chemistry, 355 (3-4), pp. 404-405.	Scopus
1694.	Vysochanskii, Yu.M., Horvat, A.A., Molnar, A.A., Nakonechnii, Yu.S., Tisovskii, S.I.	Critical behaviour in a field for uniaxial ferroelectrics near the lifshitz point (1996) Ferroelectrics, 183 (1-4), pp. 143-150.	Scopus
1695.	Sukhovija, M.I., Voshchepinec, E.I., Shafranyosh, M.I., Shimon, L.L.	Electron-impact excitation and ionization of the adenine	Scopus

		(1996) Biopolymers and Cell, 12 (3), pp. 97-100.	
1696.	Eijt, S.W.H., Maior, M.M., Vysochanskii, Yu.M.	Soft and folded modes in incommensurate Sn₂P₂Se₆ studied by Raman spectroscopy (1996) Ferroelectrics, 185 (1-4), pp. 237-240.	Scopus
1697.	Malyshkina, O.V., Bogomolov, A.A., Major, M.M.	Surface layers of TGS class ferroelectrics and Sn₂P₂S₆ ferroelectric-semiconductor in the phase transition region (1996) Ferroelectrics, 182 (1-4), pp. 11-18.	Scopus
1698.	Vladimirov, V.S., Sapuzhak, T.M.	Adèlic Formulas for String Amplitudes in Fields of Algebraic Numbers (1996) Letters in Mathematical Physics, 37 (2), pp. 233-242.	Scopus
1699.	Anema, A., Grabar, A., Rasing, Th.	The nonlinear optical properties of Sn₂P₂S₆ (1996) Ferroelectrics, 183 (1-4), pp. 181-183.	Scopus
1700.	Zhukov, A.A., Ramani, A.S., Zhiguts, Yu.Yu.	Modifications of Hillert equation and their application in phase diagram computation (1996) Metallofizika i Noveishie Tekhnologii, 18 (7), pp. XIII-80.	Scopus
1701.	Marijchuk, R.T., Bunda, V.V., Semrad, O.O., Kun, S.V., Solomon, A.M., Slivka, V.Yu.	Preparation of fluorinated Y-Ba-Cu-O ceramics with high critical temperatures (1996) Ukrainskij Khimicheskij Zhurnal, 62 (11-12), pp. 83-86.	Scopus
1702.	Bazel', Ya.R., Kormosh, Zh.O., Studenyak, Ya.I.	Extraction spectrophotometric determination of tungsten (VI) by means of cyanine dye (1996) Ukrainskij Khimicheskij Zhurnal, 62 (11-12), pp. 50-53.	Scopus
1703.	Odoulov, S.G., Shumelyuk, A.N., Hellwig, U., Rupp, R.A., Grabar, A.A., Stoyka, I.M.	Photorefractive beam coupling in tin hypthiodiphosphate in the near infrared (1996) Journal of the Optical Society of America B: Optical Physics, 13 (10), pp. 2352-2360.	Scopus
1704.	Guillemot, L., Lacombe, S., Tuan, V.N., Esaulov, V.A., Sanchez, E., Bandurin, Y.A., Dashchenko, A.I., Drobnich, V.G.	Dynamics of excited state production in the scattering of inert gas atoms and ions from Mg and Al surfaces (1996) Surface Science, 365 (2), pp. 353-373.	Scopus
1705.	Zhikharev, V.N., Popik, Yu.V., Seikovskii, I.D.	Specific features of ferroelectric switching in Sn₂P₂S₆ single crystals (1996) Crystallography Reports, 41 (5), pp. 855-858.	Scopus
1706.	Slivka, A.G., Gerzanich, E.I., Guranich, P.P., Shusta, V.S., Kedyulich, V.M.	Pressure dependence of the compressibility of a ferroelectric Sn₂P₂S₆ crystal (1996) Physics of the Solid State, 38 (7), pp. 1187-1188.	Scopus
1707.	Odoulov, S.G., Shumelyuk, A.N., Hellwig, U., Rupp, R.A., Grabar, A.A.	Photorefractive beam coupling in tin hypthiodiphosphate in the near infrared (1996) Optics Letters, 21 (10), pp. 752-754.	Scopus
1708.	Shafranyosh, I.I., Margitich, M.O.	Electron-impact ionization of the metastable Mg(...2p₆3s₃ 3P_{0,2}) atoms (1996) Zeitschrift fur Physik D-Atoms Molecules and Clusters, 37 (2), pp. 97-101.	Scopus
1709.	Rogulich, V.S., Shevera, V.S.	Radiation characteristics of a continuous plasma jet in inert-gas mixtures containing CCl₄, HCl and SF₆ molecules (1996) Technical Physics, 41 (4), pp. 397-398.	Scopus

1710.	Mikla, V., Fedelesh, V., Stefanovich, V., Slivka, V.	Influence of preparation conditions on photo- and thermo-structural changes of AsxS1-xfilms (1996) Materials Science and Engineering B, 38 (1-2), pp. 122-126.	Scopus
1711.	Mikla, V.I.	Photoinduced structural changes and related phenomena in amorphous arsenic chalcogenides (1996) Journal of Physics Condensed Matter, 8 (4), pp. 429-448.	Scopus
1712.	Suran, Vasil, Bondar, Ivan, Dudich, Marianna	Three-photon ionization of aligned Ba atoms (1996) Proceedings of SPIE - The International Society for Optical Engineering, 2796, pp. 67-77.	Scopus
1713.	Shatalov, Alexei, Maryan, Michael, Kikineshi, Alexander A.	Bifurcation diagrams and dissipative structures formation in noncrystalline materials (1996) Proceedings of SPIE - The International Society for Optical Engineering, 2779, pp. 919-924.	Scopus
1714.	Bondar, I.I., Suran, V.V., Dudich, M.I.	Observation of a new kind of Stark effect manifestation at multiphoton ionization (1996) Technical Digest - European Quantum Electronics Conference, p. 108.	Scopus
1715.	Geche, Fedor E., Lutsyk, Andrij Y.	Synthesis of combinational schemes and processing of discrete images in threshold basis (1996) Proceedings of SPIE - The International Society for Optical Engineering, 2664, pp. 103-113.	Scopus
1716.	Bondar, Ivan, Suran, Vasil, Dudich, Marianna	Discovery of new kinds of resonances in multiphoton ionization of Ba atoms in two laser fields (1996) Proceedings of SPIE - The International Society for Optical Engineering, 2796, pp. 59-66.	Scopus
1717.	Bazel', Ya.R., Kormosh, Zh.O., Studenyak, Ya.I.	Peculiarities of extraction of ionic associates of rhenium (VII) with basic cyanine dyes by organic solvent mixtures (1996) Ukrainskij Khimicheskij Zhurnal, 62 (1-2), pp. 50-55.	Scopus
1718.	Aizenberg, N.N., Aizenberg, I.N., Krivosheev, G.A.	Multi-valued and universal binary neurons: Mathematical model, learning, networks, application to image processing and pattern recognition (1996) Proceedings - International Conference on Pattern Recognition, 4, с т а т ь я No. 547258, pp. 185-189.	Scopus
1719.	Kranjčec, M., Desnica, D.I., Čelustka, B., Borec, A.N., Kovacs, Gy.Sh., Hadmashy, Z.P., Suslikov, L.M., Studenyak, I.P.	On some crystal-optic properties of γ 1-(GaxIn1-x)2Se3single crystals (1996) Physica Status Solidi (A) Applied Research, 153 (2), pp. 539-546.	Scopus
1720.	Penning, F.C., Maior, M.M., Wiegers, S.A.J., Van Kempen, H., Maan, J.C.	A sensitive capacitance thermometer at low temperature for use in magnetic fields up to 20 T (1996) Review of Scientific Instruments, 67 (7), pp. 2602-2605.	Scopus
1721.	Rubish, V.M., Yurkin, I., Malesh, V., Fedelesh, V., Trunov, M.L., Semak, D.	Investigation of glass structure in As(Sb)-S(Se)-I systems by the methods of Raman spectroscopy and x-ray diffraction	Scopus

		(1995) Proceedings of SPIE - The International Society for Optical Engineering, 2648, pp. 530-536.	
1722.	Rosola, Ivan, Kozich, Lev, Kozak, Vadim, Kikineshi, Alexander A.	Optical parameters of chalcogenide glass probe elements for fiber optic temperature sensors (1995) Proceedings of SPIE - The International Society for Optical Engineering, 2648, pp. 650-653.	Scopus
1723.	Trunov, M.L., Savchenko, N.D., Baran, N.Y., Rubish, V.M.	Recording media based on As-S thin films prepared at low temperature (1995) Proceedings of SPIE - The International Society for Optical Engineering, 2648, pp. 732-734.	Scopus
1724.	Greznnev, Y.S., Mamin, R.F., Motria, S.F.	The effect of the different regimes of a temperature change on the phase transitions in ferroelectric-semiconductors (1995) Ferroelectrics Letters Section, 20 (1-2), pp. 41-44.	Scopus
1725.	Chundak, S.Yu., Sukharev, S.N.	Extraction-photometric determination of aluminum in waters (1995) Khimiya i Tekhnologiya Vody, 17 (5), pp. 466-469.	Scopus
1726.	Penning, F.C., Maior, M.M., Strehlow, P., Wieggers, S.A.J., van Kempen, H., Maan, J.C.	Magnetic field independent capacitance thermometers at very low temperatures (1995) Physica B: Physics of Condensed Matter, 211 (1-4), pp. 363-365.	Scopus
1727.	Kikineshy, Alexander A.	Structural phototransformations and optical recording in multilayer films (1995) Optical Engineering, 34 (4), pp. 1040-1043.	Scopus
1728.	Bogomolov, A.A., Ivanov, V.V., Burdin, E.L., Mayor, M.M.	Effect of illumination on the polarization reversal processes in ferroelectric-semiconductor $\text{Sn}_2\text{P}_2\text{S}_6$ (1995) Ferroelectrics, 164 (1), pp. 323-328.	Scopus
1729.	Grabar, A.A.	Ferroelectric domains and photorefractive effect in $\text{Sn}_2\text{P}_2\text{S}_6$ (1995) Ferroelectrics, 170 (1), pp. 133-137.	Scopus
1730.	Molnar, A.A., Vysochanskii, Y.M., Horvat, A.A., Nakonechnii, Y.S.	Relaxational change of the phase transition character in ferroelectric-semiconductor (1995) Ferroelectrics, 174 (1), pp. 41-49.	Scopus
1731.	Rizak, V.M., Rizak, I.M., Gurzan, M.I., Al-Shouft, K., Vysochansky, Y.M., Slivka, V.Y.	Thermal properties of $(\text{Pb}_y\text{Sn}_{1-y})_2\text{P}_2(\text{SexS}_{1-x})_6$ crystals with tricritical lifshitz point on a phase diagram (1995) Ferroelectrics, 168 (1), pp. 39-53.	Scopus
1732.	Vysochanskii, Y.M., Molnar, A.A., Horvat, A.A., Nakonechnii, Y.S.	Phase transitions in the vicinity of the lifshitz point in ferroelectric-semiconductors (1995) Ferroelectrics, 170 (1), pp. 249-256.	Scopus
1733.	Trunov, M.L.	Structural relaxation and the photoplastic effect in amorphous semiconductors (1995) Journal of Non-Crystalline Solids, 192-193, pp. 431-434.	Scopus
1734.	Mikla, V.I., Mikhalko, I.P.	Laser-induced structural transformation of $\text{As}_x\text{Se}_{1-x}$ thin amorphous films (1995) Journal of Non-Crystalline Solids, 180 (2-3), pp. 236-243.	Scopus
1735.	Marinets, V.V.	Some approaches to the construction of approximate solutions of the generalized Goursat problem	Scopus

		for systems of certain quasilinear partial differential equations with deviating argument (1995) Ukrainian Mathematical Journal, 47 (12), pp. 1905-1915.	
1736.	Vysochanskii, Y.M., Molnar, A.A., Gorvat, A.A., Nakonechnii, Y.S.	Phase transitions in the vicinity of lifshitz point in ferroelectrics-semiconductors (1995) Ferroelectrics, 169 (1), pp. 141-148.	Scopus
1737.	Maior, M.M., Molnar, S.B., Vysochanski, Yu.M., Slivka, V. Yu., Rasing, Th., Van Loosdrecht, P.H.M., Van Kempen, H.	Freezing of the incommensurate modulation dynamics in (PbySn1-y)2P2Se6 (1995) Physical Review B, 51 (14), pp. 9325-9328.	Scopus
1738.	Aizenberg, N.N., Aizenberg, I.N., Krivosheev, G.A.	Multi-valued neurons: Learning, networks, application to image recognition and extrapolation of temporal series (1995) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 930, pp. 389-395.	Scopus
1739.	Baltrunas, D., Mazeika, K., Vysochansk, Y.M., Grabar, A.A., Slivka, V.Y.	Mössbauer spectroscopy of the phase transitions in the ferroelectric system Sn(Pb)2P2S(Se)6 (1995) Ferroelectrics, 165 (1), pp. 359-368.	Scopus
1740.	Aizenberg, Naum N., Aizenberg, Igor N., Belikova, Tatjana P.	Extraction and localization of important features on gray-scale images: Implementation on the CNN (1994) Proceedings of the IEEE International Workshop on Cellular Neural Networks and their Applications, pp. 207-212.	Scopus
1741.	Suran, V.V.	Evidence of two-electron mechanism of Ba2+ ions formation during ionization of Ba atoms in the field of YAG laser radiation (1994) European Quantum Electronics Conference - Technical Digest, pp. 59-60.	Scopus
1742.	Mikla, V.I., Mikhalko, I.P., Nagy, Yu.Yu.	Study of trapping in SbxSe1-x amorphous semiconductors (1994) Journal of Physics: Condensed Matter, 6 (40), с т а т ь я №.017, pp. 8269-8275.	Scopus
1743.	Aizenberg, Naum N., Aizenberg, Igor N.	CNN-like networks based on multi-valued and universal binary neurons: Learning and application to image processing (1994) Proceedings of the IEEE International Workshop on Cellular Neural Networks and their Applications, pp. 153-158.	Scopus
1744.	Maior, M.M., Rasing, T., Eijt, S.W.H., Van Loosdrecht, P.H.M., Van Kempen, H., Molnar, S.B., Vysochanskii, Yu.M., Motrij, S.F., Yu Slivka, V.	The role of charge carriers in the memory effect in the incommensurate phase of the semiconducting ferroelectric Sn2P2Se6 (1994) Journal of Physics: Condensed Matter, 6 (50), с т а т ь я №.027, pp. 11211-11220.	Scopus
1745.	Shafran'osh, I.I., Snegurskaya, T.A., Margitich, N.A.	Effective cross sections for electron-impact excitation of spectral transitions from the metastable 43P0.2 states in calcium atoms	Scopus

		(1994) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 77 (5), pp. 646-650.	
1746.	Nejmet, Yu.Yu., Shuaibov, A.K., Khodanich, A.I., Shevera, V.S.	Laser diagnostic complex (1994) Pribory i Tekhnika Eksperimenta, (5), pp. 131-133.	Scopus
1747.	Potorij, M.V., Gebesh, V.Yu., Voroshilov, Yu.V.	Phase equilibria in TI-P-Se system (1994) Ukrainiskij Khimicheskij Zhurnal, 61 (9-10), pp. 669-671.	Scopus
1748.	Chalupka, S., Lengyel, V., Petreczky, P., Paccanoni, F., Salak, M.	Meson spectroscopy with fine and hyperfine splitting (1994) Il Nuovo Cimento A Series 11, 107 (9), pp. 1557-1564.	Scopus
1749.	Suslikov, L.M., Khazartkhanov, Yu.A., Gad'mashi, Z.P., Kun, S.V., Peresh, E.Yu.	Method of measuring crystal birefringence dispersion (1994) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 77 (1), pp. 66-67.	Scopus
1750.	Feher, A., Yurkin, I.M., Deich, L.I., Orendáč, M., Turyanitsa, I.D.	The comparative analysis of some low-frequency vibrational state density models of the amorphous materials - applied to the As₂S₃ glass (1994) Physica B: Physics of Condensed Matter, 194-196 (PART 1), pp. 395-396.	Scopus
1751.	Chalupka, S., Lengyel, V.I., Salak, M.	On the relativistic description of two-quark systems (1994) Czechoslovak Journal of Physics, 44 (2), pp. 107-113.	Scopus
1752.	Shafran'osh, I.I., Snegurskaya, T.A., Aleksakhin, I.S.	Effective cross sections of magnesium atom excitation from metastable states by electron impact (1994) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 76 (1), pp. 20-22.	Scopus
1753.	Rizak, V.M., Rizak, I.M., Perechinskii, S.I., Vysochanskii, Yu.M., Slivka, V.Yu.	Effect of the uniaxial compression on the phase transitions in Sn₂P₂S₆-type ferroelectrics (1994) physica status solidi (b), 183 (1), pp. 97-102.	Scopus
1754.	Mikla, V.I., Rubish, V.M.	Effect of Sb Additives on Electron Mobility in Amorphous Selenium (1994) physica status solidi (b), 182 (2), pp. 325-330.	Scopus
1755.	Voroshilov, Yu.V., Motrya, S.F., Semrad, E.E.	Physico-chemical study of Hg-Ge-S system (1994) Ukrainiskij Khimicheskij Zhurnal, 60 (1), pp. 27-31.	Scopus
1756.	Rizak, V.M., Al-Shoupi, K., Rizak, I.M., Prits, I.P., Vysochanskii, Y.M., Slivka, V.Y.	Thermal conduction on Sn₂P₂S₆ ferroelectric monocrystal and its isostructural analogs (1994) Ferroelectrics, 155 (1), pp. 323-328.	Scopus
1757.	Marynets', V.V.	On a mixed problem for systems of definite quasilinear partial differential equations with deviating argument (1994) Ukrainian Mathematical Journal, 46 (11), pp. 1750-1756.	Scopus
1758.	Maior, M.M., van Loosdrecht, P.H.M., van Kempen, H., Molnar, S.B., Slivka, V.Yu.	Thermal expansion at the incommensurate phase transition in [N(CH₃)₄]₂ZnCl₄-xBrx crystals (1994) Physica B: Physics of Condensed Matter, 202 (1-2), pp. 152-158.	Scopus
1759.	Bunda, V., Kun, A., Bunda, S., Kova, J.	Influence of Oxofluorine Doping on Superconducting Properties of Superconductor Bi-Pb-Sr-Ca-Cu-O	Scopus

		(1994) IEEE Transactions on Magnetics, 30 (2), pp. 1151-1153.	
1760.	Geifman, I., Golovina, I., Motrya, S.	Epr Of Mn²⁺ In Sn₂P₂Se₆Ferroelectric (1994) Ferroelectrics, 156 (1), pp. 261-266.	Scopus
1761.	Timko, M., Maťaš, S., Kováč, J., Kavečansky, V., Zentková, M., Sargánková, I., Bunda, V.	Gamma-Rays Irradiation of YBaCuO (1994) IEEE Transactions on Magnetics, 30 (2), pp. 1184-1186.	Scopus
1762.	Sargsnkovs, I., Diko, P., Timko, M., Slančo, P., Mataš, S., Mihalik, M., Mihslik, J., Bunda, V.	Influence of Residual Phases on the Properties of YBa₂Cu₃O_{7-x} (1994) IEEE Transactions on Magnetics, 30 (2), pp. 1181-1183.	Scopus
1763.	Ronto, N.I., Korol', I.I.	Investigation and solution of boundary-value problems with parameters by numerical-analytic method (1994) Ukrainian Mathematical Journal, 46 (8), pp. 1131-1144.	Scopus
1764.	Kranjčec, M., Desnica, D.I., Čelustka, B., Kovacs, Gy.Sh., Studenyak, I.P.	Fundamental optical absorption edge and compositional disorder in γ-1-(GaxIn_{1-x})₂Se₃ single crystals (1994) physica status solidi (a), 144 (1), pp. 223-233.	Scopus
1765.	Buunda, V., Kasardovs, A., Kováč, J., Maťaš, S., Černík, M., Harba, M.	Phases Interaction and Properties of [Bi₂Sr₂Cu₁O₆]_{1-z} - [BiOF]_z System (1994) IEEE Transactions on Magnetics, 30 (2), pp. 1157-1159.	Scopus
1766.	Yurkin, I.M., Orendác, M., Feher, A., Turyanitsa, I.D., Kuchenko, J.P., Kovac, J., Zentko, A.	Dynamical Properties of (As_{0.40}Bi_{0.60})₉₉Mn₁ Glass Deduced From Specific Heat and Magnetic Measurements (1994) IEEE Transactions on Magnetics, 30 (2), pp. 555-557.	Scopus
1767.	Mikla, V.I., Mikhalko, I.P., Mateleshko, A.V.	Photo-induced memory effects in amorphous selenium-based materials (1993) Proceedings of SPIE - The International Society for Optical Engineering, 1983 (pt 2), pp. 828-829.	Scopus
1768.	Maior, M.M., Van Loosdrecht, P.H.M., Van Kempen, H., Rasing, T., Molnar, S.B., Motrij, S.F.	Fluctuation effects on the thermal expansion of the incommensurate crystal Sn₂P₂Se₆ (1993) Journal of Physics: Condensed Matter, 5 (33), с т а т ь я № 011, pp. 6023-6028.	Scopus
1769.	Kikineshi, A., Mishak, A., Sterr, A., Tsigika, V.	Laser recording on light-sensitive chalcogenide glass multilayer films (1993) Proceedings of SPIE - The International Society for Optical Engineering, 1983 (pt 1), pp. 462-463.	Scopus
1770.	Grabar, A.A., Muzhikash, R.I., Vysochanskii, Yu.M., Slivka, V.Yu.	Photorefractive effect in Sn₂P₂S₆ ferroelectrics (1993) Proceedings of SPIE - The International Society for Optical Engineering, 1983 (pt 2), pp. 847-848.	Scopus
1771.	Maior, M.M., Molnar, S.B., Vysochanskii, Yu.M., Gurzan, M.I., Van Loosdrecht, P.H.M., Van Der Linden, P.J.E.M., Van Kempen, H.	New dielectric material for low temperature thermometry in high magnetic fields (1993) Applied Physics Letters, 62 (21), pp. 2646-2648.	Scopus

1772.	Suslikov, L.M., Rigan, M.Yu., Gad'mashi, Z.P., Stasyuk, N.P., Khazitarkhanov, Yu.A., Filonenko, E.V.	Preparation and optical properties of single crystals of cadmium thiogallate (1993) Ukrainskij Khimicheskij Zhurnal, 59 (7), pp. 699-704.	Scopus
1773.	Vysochansky, Y.M., Perechinsky, S.I., Rizak, V.M., Rizak, I.M.	Critical behaviour of uniaxial $\text{sn}2\text{p}2\text{s}(\text{se})6$ ferroelectrics (1993) Ferroelectrics, 143 (1), pp. 59-66.	Scopus
1774.	Rizak, I.M., Rizak, V.M., Perechinsky, S.I., Vysochansky, Y.M., Slivka, V.Y.	On the role of charge carriers in the thermo-optical memory effect for $\text{sn}2\text{p}2\text{se}6$ ferroelectric-semiconductor in the incommensurate phase (1993) Ferroelectrics, 143 (1), pp. 67-72.	Scopus
1775.	Rizak, I.M., Rizak, V.M., Vysochansky, Y.M., Gurzan, M.I., Slivka, V.Y.U.	Tricritical Lifshitz point in phase diagram of $(\text{pbysn}1-\text{yp}2\text{se}x\text{s}1-x)6$ ferroelectrics (1993) Ferroelectrics, 143 (1), pp. 135-141.	Scopus
1776.	Matas, S., Bunda, V., Cernik, M., Zentko, A., Diko, P., Kun, A.	The preparation and magnetic properties of the high T_c -superconductor $(2234) \text{Bi}1.6\text{Pb}0.4\text{Sr}2\text{Ca}3\text{Cu}4\text{O}12+y$ (1993) Journal of Alloys and Compounds, 195 (C), pp. 619-622.	Scopus
1777.	Bandurin, Yu.A., Dashchenko, A.I., Mitropolsky, I.E., Pop, S.S.	Ion-induced plasmon excitation on clean and oxidized silver surfaces (1993) Nuclear Inst. and Methods in Physics Research, B, 78 (1-4), pp. 159-162.	Scopus
1778.	Drobnich, V.G., Medvedev, S.Yu.	The model of secondary atom excited states formation (1993) Nuclear Inst. and Methods in Physics Research, B, 78 (1-4), pp. 148-152.	Scopus
1779.	Kovach, S.K., Kokhan, A.P., Voroshilov, Yu.V.	Electrochemical behaviour of $\text{Ag}8\text{GeS}6$ and $\text{Ag}8\text{GeSe}6$ (1993) Ukrainskij Khimicheskij Zhurnal, 59 (4), pp. 395-398.	Scopus
1780.	Gomonaj, V.I., Borko, V.A., Sekeresh, K.Yu., Fogel, E.Yu.	Regularities of formation of oxygen-containing products and $\text{C}2$ -hydrocarbons from methane on acidic and basic catalysts (1993) Khimiya Tverdogo Topliva, (2), pp. 57-61.	Scopus
1781.	Bandurin, Yu.A., Belikh, L.S., Dashchenko, A.I., Mitropol'sky, I.E., Pop, S.S.	Plasmon radiation from a silver surface during ion bombardment (1993) Vacuum, 44 (9), pp. 941-942.	Scopus
1782.	Shusta, V.S., Gerzanich, E.I., Slivka, A.G., Guranich, P.P., Bobela, V.A.	Phase transitions and physical properties of $(\text{pbysn}1-y)2\text{p}2\text{s}6$ crystals at high hydrostatic pressures (1993) Ferroelectrics, 145 (1), pp. 61-71.	Scopus
1783.	Marjan, M., Kikineshi, A., Mishak, A.	Photoinduced instabilities in chalcogenide glasses for optical recording media (1993) Philosophical Magazine B: Physics of Condensed Matter; Statistical Mechanics, Electronic, Optical and Magnetic Properties, 68 (5), pp. 689-695.	Scopus
1784.	Aizenberg, N.N., Aizenberg, I.N.	Fast-convergence learning algorithms for multi-level and binary neurons and solution of some image processing problems (1993) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 686, pp. 230-236.	Scopus

1785.	Van Loosdrecht, P.H.M., Maior, M.M., Molnar, S.B., Vysochanskii, Yu.M., Van Bentum, P.J.M., Van Kempen, H.	Raman study of the ferroelectric semiconductor Sn₂P₂Se₆ (1993) Physical Review B, 48 (9), pp. 6014-6018.	Scopus
1786.	Kranjčec, M., Desnica, D.I., Čelustka, B., Kovacs, Gy.Sh.	The effect of pressure on the optical absorption edge in (Ga_{0.3}In_{0.7})₂Se₃ (1993) physica status solidi (a), 139 (2), pp. 513-522.	Scopus
1787.	Mikla, V.I., Baganich, A.A., Sokolov, A.P., Shebanin, A.P.	Composition Dependence of Raman Bands in Amorphous As_xSe_{100-x} (1993) physica status solidi (b), 175 (1), pp. 281-286.	Scopus
1788.	Bichko, M.V., Korabelshchikova, N.I., Rishko, N.V., Rudakova, S.A., Dobosh, V.V., Kosta, A.M., Maksimov, S.D., Kashshai, A.A.	Evaluation of the efficacy of obsidane and sidnopharm in patients with exertion stenocardia (1992) Likars'ka Sprava, (11-12), pp. 83-86.	Scopus
1789.	Yevdokimov, Sergey A., Braslavets, V.V.	Excitation of spectra of diatomic molecule during ion sputtering of metals (1992) Proceedings of SPIE - The International Society for Optical Engineering, 1811, pp. 244-247.	Scopus
1790.	Lazur, V.Yu., Gorvat, P.P.	Effect of the interrelationship of electronic and nuclear motions on the potential of ion-atom exchange interaction (1992) Soviet journal of chemical physics, 11 (3), pp. 458-472	Scopus
1791.	Kikineshi, Alexander, Mishak, Alexander, Sterr, Attila	Holographic recording with operated sensitivity and stability in chalcogenide glass layers (1992) Proceedings of SPIE - The International Society for Optical Engineering, 1731, pp. 173-180.	Scopus
1792.	Bovdi, A.A., Sehgal, S.K.	Unitary subgroup of integral group rings (1992) Manuscripta Mathematica, 76 (1), pp. 213-222.	Scopus
1793.	Bazel, Ya.R., Kish, P.P.	Bismuth complexation with iodide ions and basic dyes in the presence of surfactants (1992) Ukrainskij Khimicheskij Zhurnal, 58 (9), pp. 754-757.	Scopus
1794.	Kish, P.P., Studenyak, Ya.I., Basel, Ya.R.	Extraction-photometric determination of copper in waters (1992) Khimiya i Tekhnologiya Vody, 14 (8), pp. 579-582.	Scopus
1795.	Buledza, A.V.	Modern problems in development of the theory of iteration methods with the Chebyshev acceleration (1992) Kibernetika i Sistemnyj Analis, (4), pp. 105-116.	Scopus
1796.	Gres', P.G.	On conjectures of Olsson, Brauer, and Alperin (1992) Mathematical Notes, 52 (1), pp. 654-657.	Scopus
1797.	Marinets, V.V.	A boundary-value problem for systems of nonlinear partial differential equations (1992) Journal of Soviet Mathematics, 60 (3), pp. 1449-1455.	Scopus
1798.	Gudivok, P.M., Vashchuk, F.G., Drobotenko, V.S.	Chernikov p-groups and integral p-adic representations of finite groups (1992) Ukrainian Mathematical Journal, 44 (6), pp. 668-678.	Scopus
1799.	Gres', P.G.	The second brauer theorem	Scopus

		(1992) Ukrainian Mathematical Journal, 44 (6), pp. 663-668.	
1800.	Gudivok, P.M., Oros, V.M., Roiter, A.V.	Representations of finite p-groups over the ring of formal power series with integral p-adic coefficients (1992) Ukrainian Mathematical Journal, 44 (6), pp. 678-689.	Scopus
1801.	Voroshilov, Yu.V., Potorij, M.V., Prits, I.P., Kovach, A.P.	Ternary system Sn - P - S (1992) Ukrainskii Khimicheskii Zhurnal, 58 (3), pp. 216-219.	Scopus
1802.	Voroshilov, Yu.V., Potorij, M.V., Prits, I.P., Kovach, A.P.	Ternary system Sn - P - S (1992) Ukrainskii Khimicheskii Zhurnal, 58 (3), pp. 216-219.	Scopus
1803.	Bovdi, A.A., Khripta, I.I.	Engel properties of the multiplicative group of a group algebra (1992) Mathematics of the USSR - Sbornik, 72 (1), .	Scopus
1804.	Vysochanskiĭ, Y.U., Slivka, V.Y.	Lifshitz point on the state diagram of ferroelectrics (1992) Soviet Physics - Uspekhi, 35 (2), pp. 139-160.	Scopus
1805.	Gomonai, V.I., Borko, V.A.	Autooscillations in heterocatalytic oxidation of methane by oxygen (1992) Kinetics and Catalysis, 32 (4 pt 2), pp. 896-900.	Scopus
1806.	Luksha, O.V., Mikla, V.I., Ivanitsky, V.P., Mateleshko, A.V., Semak, D.G.	Effect of composition on structure and properties of Se100-xAsx amorphous films with low As content (x ≤ 10) (1992) Journal of Non-Crystalline Solids, 144 (C), pp. 253-260.	Scopus
1807.	Baikova, L.G., Fedorov, Yu.K., Tolstoi, M.N., Pukh, V.P., Kazannikova, T.P., Lunter, S.G.	Fracture toughness of multicomponent phosphate glasses (1992) The Soviet journal of glass physics and chemistry, 17 (2), pp. 142-148.	Scopus
1808.	Dokuchaev, M.A.	Torsion units in integral group rings of nilpotent metabelian groups (1992) Communications in Algebra, 20 (2), pp. 423-435.	Scopus
1809.	Luksha, O., Ivanitsky, V., Kolinko, S.	Structural modification of AsSe amorphous films (1991) Journal of Non-Crystalline Solids, 136 (1-2), pp. 43-52.	Scopus
1810.	Rosola, I.I., Shpak, I.I.	Thermo-optical properties of glasses in the system Ge-As-S (1991) Fizika i Khimiya Stekla, 17 (6), pp. 949-951.	Scopus
1811.	Haysak, M.I., Lengyel, V.I., Chalupka, S., Salak, M.	To the description of hadron mass spectrum in the nonrelativistic quark potential model (1991) Czechoslovak Journal of Physics, 41 (9), pp. 799-806.	Scopus
1812.	Gebesh, V.Yu., Potoriy, M.V., Voroshilov, Yu.V.	Phase equilibria in In - P - S system (1991) Ukrainskii Khimicheskii Zhurnal, 57 (8), pp. 803-806	Scopus
1813.	Petretskij, V.V., Kunel'skaya, V.Ya., Petretskij, N.V.	Microbial dissemination of the air in wood-processing plants (1991) Meditsina Truda I Promyshlennaya Ekologiya, (8), pp. 20-21.	Scopus
1814.	Bernat, T.T., Bondar, I.I., Suran, V.V.	Formation of doubly charged strontium ions in the 8100-9200-cm-1 frequency range (1991) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 71 (1), pp. 22-25.	Scopus
1815.	Gres', P.G.	On certain algebras associated with finite groups (1991) Ukrainian Mathematical Journal, 43 (7-8), pp. 841-849.	Scopus
1816.	Gudivok, P.M.	On Sylow subgroups of the general linear group over a complete discrete valuation ring	Scopus

		(1991) Ukrainian Mathematical Journal, 43 (7-8), pp. 857-863.	
1817.	Bovdi, A.A.	Existence of a normal complement of a group in the multiplicative group of its group ring (1991) Ukrainian Mathematical Journal, 43 (7-8), pp. 826-830.	Scopus
1818.	Abrashkevich, A.G., Abrashkevich, D.G., Khimich, I.V., Puzynin, I.V., Vinitsky, S.I.	Adiabatic description of resonant states in e--h scattering by the method of extrapolation in the coupling constant (1991) Journal of Physics B: Atomic, Molecular and Optical Physics, 24 (12), pp. 2807-2816.	Scopus
1819.	Drobnich, V.G., Mastuyugin, V.A., Pop, S.S.	Investigation of angular and energy distributions of excited sputtered and scattered particles by using a Doppler method (1991) Nuclear Inst. and Methods in Physics Research, B, 58 (3-4), pp. 443-447.	Scopus
1820.	Bandurin, Yu.A., Belykh, L.S., Mitropolsky, I.E., Dashchenko, A.I., Pop, S.S.	Light emission of plasmons during ion bombardment of silver surfaces (1991) Nuclear Inst. and Methods in Physics Research, B, 58 (3-4), pp. 448-451.	Scopus
1821.	Stojka, I.M., Suslikov, L.M., Gaza, L.S., Gad'mashi, Z.P.	Production and some optical properties of single crystals from solid solutions of the system AgGaS ₂ -AGGaSe ₂ (1991) Ukrainskii Khimicheskii Zhurnal, 57 (6), pp. 589-593.	Scopus
1822.	Balog, I.C., Kish, P.P., Andruk, V.A., Mushkalo, I.L.	Extraction-photometrical determination (IV) by N,N'-di(acetoxymethyl) indocarbocyanines (1991) Ukrainskii Khimicheskii Zhurnal, 57 (6), pp. 644-647.	Scopus
1823.	Barannik, V.F., Barannik, L.F.	On the indices of simple components of twisted group algebras of finite groups over a P-adic number field (1991) Ukrainian Mathematical Journal, 43 (6), pp. 673-676.	Scopus
1824.	Abrashkevich, A.G., Abrashkevich, D.G., Puzynin, I.V., Vinitsky, S.I.	Adiabatic hyperspherical representation in barycentric coordinates for helium-like systems (1991) Journal of Physics D: Applied Physics, 24 (7), pp. 1615-1638.	Scopus
1825.	Abrashkevich, A.G., Abrashkevich, D.G., Puzynin, I.V., Vinitsky, S.I.	Adiabatic hyperspherical representation in barycentric coordinates for helium-like systems (1991) Journal of Physics B: Atomic, Molecular and Optical Physics, 24 (7), pp. 1615-1638.	Scopus
1826.	Baganich, A.A., Mikla, V.I., Semak, D.G., Sokolov, A.P., Shebanin, A.P.	Raman light scattering in amorphous selene: molecular structure and photoinduced crystallization (1991) Fizika i Khimiya Stekla, 17 (2), pp. 268-272.	Scopus
1827.	Turyanitsa, I.M., Lavkai Yu., I., Mishanich, I.I., Margitich, V.M., Razhov, K.F.	The thyroid status in schizophrenic patients (1991) Zhurnal Nevropatologii i Psikhiiatrii Imeni S.S.Korsakova, 91 (1), pp. 122-123.	Scopus
1828.	Abrashkevich, A.G., Abrashkevich, D.G., Gaysak, M.I., Lendyel, V.I., Puzynin, I.V., Vinitsky, S.I.	Multichannel calculation of the electric-dipole oscillator strengths for the discrete 1Se1Po transitions in helium within the hyperspherical adiabatic approach (1991) Physics Letters A, 152 (9), pp. 467-471.	Scopus
1829.	Mitsa, V., Babinets, Y., Gvardionov, Y., Yermolovich, I.	Photoluminescence in GexAsyS1-x-yglasses by varying the average coordination number (1991) Journal of Non-Crystalline Solids, 137-138 (PART 2), pp. 959-962	Scopus

1830.	Tyagur, Yu.I., Pinzenik, V.P., Shiposh, V.Ya., Shek, A.A., Bogdashevskaya, N.N., Firtsak, Yu.Yu.	Some physical properties of Sn-P-S(Se) glasses (1991) Soviet Physics Journal, 34 (1), pp. 67-70.	Scopus
1831.	Zatsarinny, O.I., Lengyel, V.I., Masalovich, E.A.	Resonance structure in the electron-impact excitation of Ca+ below the 5s threshold (1991) Physical Review A, 44 (11), pp. 7343-7354	Scopus
1832.	Baganich, A.A., Mikla, V.I., Semak, D.G., Sokolov, A.P., Shebanin, A.P.	Raman Scattering in Amorphous Selenium Molecular Structure and Photoinduced Crystallization (1991) physica status solidi (b), 166 (1), pp. 297-302.	Scopus
1833.	Mar'yan, M.I.	Stability conditions for an anharmonic crystal in the mixed state (1990) Soviet Physics Journal, 33 (12), pp. 998-1001.	Scopus
1834.	Lengyel, V.I., Navrotsky, V.T., Sabad, E.P.	Resonant scattering of low-energy electrons by Be+ and Mg + ions (1990) Journal of Physics B: Atomic, Molecular and Optical Physics, 23 (16), с т а т ь я No.024, pp.	Scopus
1835.	Buletsa, B.A., Fatula, M.I., Fabri, Z.I.	Variants to the clinical course of cerebrovascular diseases in some biogeochemical regions of the Ukrainian Carpathians (1990) Zhurnal Nevropatologii i Psikhatrii Imeni S.S.Korsakova, 90 (11), pp. 35-38.	Scopus
1836.	Lendel, V.G., Pak, V.I., Petrus, V.V., Kiyak, M.Yu., Migalina, Yu.V.	Preparative synthesis of benzo[b]thio-(seleno,telluro)phene derivatives (1990) Chemistry of Heterocyclic Compounds, 26 (10), pp. 1106-1109.	Scopus
1837.	Neimet, Yu.Yu., Shuaibov, A.K., Shevera, V.S., Kuz'ma, V.N.	Small-scale electric discharge krypton and xenon chloride laser (1990) Journal of Applied Spectroscopy, 53 (2), pp. 895-896.	Scopus
1838.	Samulionis, V., Valevichius, V., Grigas, J.	Investigation of the second ultrasonic harmonic generation in sn2p2s6and sn2p2se6 crystals (1990) Ferroelectrics, 105 (1), pp. 397-402.	Scopus
1839.	Popik, Yu.V., Zhikharev, V.N., Seikovskii, I.D.	Influence of the "intrinsic" effect of the field on the thermally stimulated conductivity of ferroelectrics-semiconductors (1990) Soviet Physics Journal, 33 (3), pp. 275-279.	Scopus
1840.	Mikla, V.I., Semak, D.G., Mateleshko, A.V., Baganich, A.A.	Photosensitized Deep Gap Center Relaxation in Amorphous Selenium Layers Containing As Additions (1990) physica status solidi (a), 117 (1), pp. 241-250.	Scopus
1841.	Lendel, V.G., Pak, B.I., Balog, I.M., Kiyak, M.V., Migalina, Yu.V.	Electrophilic reactions of group six element halides. 11. Synthesis of the condensed system selen (tellur) azino-[2, 3-g, h] carbazole (1990) Chemistry of Heterocyclic Compounds, 26 (1), pp. 108-110.	Scopus
1842.	Rubish, V.M., Stefanovich, V.A., Shtets, P.P., Gerasimenko, V.S., Turyanitsa, I.D., Slivka, V.Yu.	Vibrational spectra and structure of SbxS1-x glasses (1990) Journal of Applied Spectroscopy, 52 (1), pp. 36-39.	Scopus
1843.	Alekseev, O.N.	Prenatal development of human lingual tonsil (1990) Stomatologiya, 69 (5), pp. 16-19.	Scopus

1844.	Baltrūnas, D., Mikaitis, R., Slivka, V.Yu., Vysochanskii, Yu.M.	Manifestation of the Ferroelectric Phase Transition in the Mössbauer Parameters of the System (SnxPb1-x)2P2S6 (1990) physica status solidi (a), 119 (1), pp. 71-75.	Scopus
1845.	Popovich, I.I., Sharkan', I.P., Migolinet, I.M., Mikulaninets, S.V.	Increasing the speed of the MKh-7303 mass spectrometer (1989) Instruments and Experimental Techniques, 32 (3 PT 2), pp. 696-697.	Scopus
1846.	Gres', P.G. Character correspondences in p-solvable groups (1989) Ukrainian Mathematical Journal, 41 (12), pp. 1408-1412.	Character correspondences in p-solvable groups (1989) Ukrainian Mathematical Journal, 41 (12), pp. 1408-1412.	Scopus
1847.	Abrashkevich, A.G., Abrashkevich, D.G., Kaschiev, M.S., Yu Polda, V., Puzynin, I.V., Vinitsky, S.I.	Convergence of the hyperspherical adiabatic expansion for helium-like systems (1989) Journal of Physics B: Atomic, Molecular and Optical Physics, 22 (24), с т а т ь я №.003, pp. 3957-3963.	Scopus
1848.	Onipchuk, S.V.	Idempotent measures on compact semi-hypergroups (1989) Ukrainian Mathematical Journal, 41 (9), pp. 1072-1075.	Scopus
1849.	Kovach, A.P., Lazur, V.Yu., Mashika, Yu.Yu.	Capture cross section with ionization for collisions of a helium atom with protons. Calculation by the continuum-distorted-wave method (1989) Soviet Physics Journal, 32 (8), pp. 645-651.	Scopus
1850.	Evdokimov, S.A., Braslavets, V.V., Pop, S.S. Analysis of the distribution of oxygen in the surface layers of metals on the basis of emission of photons by sputtered molecules of oxides (1989) Soviet Materials Science, 24 (4), pp. 354-356.	Analysis of the distribution of oxygen in the surface layers of metals on the basis of emission of photons by sputtered molecules of oxides (1989) Soviet Materials Science, 24 (4), pp. 354-356.	Scopus
1851.	Volovich, P.N., Chiriban, M.M., Shimon, L.L.	Apparatus based on MSKh-5 mass spectrometer for study of ionization of metal atoms (1989) Instruments and experimental techniques New York, 31 (6 pt 2), pp. 1528-1532.	Scopus
1852.	Migalina, Yu.V., Sani, A.Yu., Balog, I.M., Petrus, V.V., Ershova, I.I., Lendel, V.G.	Reactions of N-substituted allylacetic acid amides with selenium and tellurium tetrahalides (1989) Chemistry of Heterocyclic Compounds, 25 (6), pp. 610-612.	Scopus
1853.	Bovdi, A.A., Sakach, A.A.	Unitary subgroup of the multiplicative group of a modular group algebra of a finite abelian p-group (1989) Mathematical Notes of the Academy of Sciences of the USSR, 45 (6), pp. 445-450.	Scopus
1854.	Lendel, V.G., Sani, A.Yu., Migalina, Yu.Yu., Pak, B.I., Balog, I.M.	Synthesis of perhydro-1,4-selenazines and perhydro-1,4-tellurazines containing a sulfamide group (1989) Chemistry of Heterocyclic Compounds, 25 (4), pp. 474-476	Scopus

1855.	Khripak, S.M., Yakubets, V.I., Migalina, Yu.V., Koz'min, A.S., Zefirov, N.S.	Thiazolo(oxazolo)thieno[b]pyrimidines. Preparation from 2-allylthio(oxy)thieno[2,3-d]pyrimidines and hydrolysis (1989) Chemistry of Heterocyclic Compounds, 25 (3), pp. 347-352.	Scopus
1856.	Vlokh, R.O., Biletsky, I.N., Franko, I.V.	Electrooptics and electrogyration of ferroelectric ca₂pb(c₂h₅cO₂)₆crystal under smeared phase transition (1989) Ferroelectrics, 90 (1), pp. 183-186.	Scopus
1857.	Vlokh, R.O., Slivka, V.Y.	E nantomorphism Of Ferroelastic Domains (1989) Ferroelectrics, 98 (1), pp. 167-169.	Scopus
1858.	Boiko, N.V., Turyanitsa, A.I., Popovich, E.P., Vyunitskaya, V.A.	Antagonistic effect of Bacillus subtilis cultures on bacteria of genus Klebsiella (1989) Mikrobiologicheskii Zhurnal, 51 (1), pp. 87-91.	Scopus
1859.	Falbush, O.A.	Treatment of chalazion by means of cryoaction (1989) Oftalmologicheskii Zhurnal, 44 (6), pp. 360-361.	Scopus
1860.	Telichko, F.F., Yazykov, A.S.	Experimental and clinical substantiation of a choice of optimum methods of radiodiagnosis of renal diseases (1989) Vestnik Rentgenologii i Radiologii, 64 (5), pp. 62-67.	Scopus
1861.	Buletsa, B.A., Turak Yu., A., Korol Yu., M., Ignatovich, I.I., Vitvitsky, A.A.	Neurological manifestations of West Nile fever in Transcarpathian region (1989) Zhurnal Nevropatologii i Psikiatrii Imeni S.S.Korsakova, 89 (2), pp. 29-30.	Scopus
1862.	Bondar, I.I., Delone, N.B., Dudich, M.I., Suran, V.V.	Formation of doubly charged ions in the non-linear ionisation of alkali-earth atoms in the spectral range 15000-18700 cm⁻¹ (1988) Journal of Physics B: Atomic, Molecular and Optical Physics, 21 (15), с т а т ь я No. 020, pp. 2763-2787	Scopus
1863.	Slivka, A.G., Gerzanich, E.I., Tyagur, Yu.I., Korda, N.F.	Splitting of the phase transition in ferroelectric solid solutions Sn₂P₂(SexS_{1-x})₆ at high pressures (1988) Soviet Physics Journal, 31 (2), pp. 107-110.	Scopus
1864.	Turyanitsa, I.M., Mishanich, I.I., Rostoka, L.M.	Mean molecular serum spectrum in patients with paranoid continuously progressing schizophrenia (1988) Zhurnal Nevropatologii i Psikiatrii Imeni S.S.Korsakova, 88 (5), pp. 109-111	Scopus
1865.	Ivashkovich, E.M., Gurko, A.F.	Quantum-chemical calculation of the hydroxylamine molecule and its complex with the proton (1988) Theoretical and Experimental Chemistry, 24 (1), pp. 114-118.	Scopus
1866.	Gres', P.G.	A conjecture on the number of characters in a p-block (1987) Mathematical Notes of the Academy of Sciences of the USSR, 42 (5), pp. 854-858.	Scopus
1867.	Bokhinyuk, V.S., Zholudev, S.M., Rusin, V.V., Shabalina, L.A.	DETERMINING STEEL ALLOYING ELEMENTS BY NEUTRON ACTIVATION. (1987) Industrial laboratory, 53 (9), pp. 824-827	Scopus
1868.	Mikla, V.I., Semak, D.G., Mikhail'ko, I.P.	Nonsteady photoconductivity of layers of glass of the As-Se system (1987) Soviet Physics Journal, 30 (5), pp. 417-421	Scopus

1869.	Bovdi, A.A.	Unitary subgroup of the multiplicative group of the integral group ring of a cyclic group (1987) Mathematical Notes of the Academy of Sciences of the USSR, 41 (4), pp. 265-268.	Scopus
1870.	Bondar, I.I., Delone, N.B., Il' Kov, F.A., Suran, V.V.	Excitation of two-photon intermediate resonances with the triplet states at three photon barium and strontium atom ionization (1986) Proceedings of SPIE - The International Society for Optical Engineering, 664, pp. 106-109.	Scopus
1871.	Tsitkin, A.I.	Finite axiomatizability of locally tabular superintuitionistic logics (1986) Mathematical Notes of the Academy of Sciences of the USSR, 40 (3), pp. 739-742.	Scopus
1872.	Bokhinyuk, V.S., Kritski, S.L., Fradkin, A.M.	DETERMINATION OF THE AL, TI, V, CU, MN, MO, AND W CONTENT OF NICKEL-BASE ALLOYS BY NEUTRON ACTIVATION ANALYSIS. (1986) Industrial laboratory, 52 (4), pp. 306-309.	Scopus
1873.	Mizun, P.G.	Use of acetylcholine in occlusive diseases of the lower extremity arteries (1986) Vrachebnoe Delo, NO. 7, pp. 49-51.	Scopus
1874.	Gres', P.G.	Some consequences of Alperin's hypothesis for p-solvable groups (1986) Ukrainian Mathematical Journal, 38 (1), pp. 11-15.	Scopus
1875.	Kishko, N.M.	Physical working capacity in patients with chronic alcoholism (1985) Vrachebnoe Delo, NO. 7, pp. 103-104.	Scopus
1876.	Dashchenko, A.I., Frontov, V.I.	AUTOMATED STUDY OF ELEMENTARY PROCESSES IN COLLISIONS OF ELECTRONS WITH ATOMS AND IONS. (1985) Instruments and experimental techniques New York, 28 (6 pt 1), pp. 1305-1308.	Scopus
1877.	Khripak, S.M., Yakubets, V.I., Dobosh, A.A.	Acylation and bromination of some 2-mercaptothieno[2,3-d]pyrimidinones and synthesis of their 2-amino derivatives (1985) Chemistry of Heterocyclic Compounds, 21 (10), pp. 1091-1094.	Scopus
1878.	Tyagur, Yu.I., Gerzanich, E.I., Slivka, A.G.	New phase-transformation line and intermediate phase in Sn ₂ P ₂ S ₆ (1985) Soviet Physics Journal, 28 (9), pp. 739-741.	Scopus
1879.	Gorzdanov, T.P., Janev, R.K., Lazur, V.Y.	Two-electron exchange in slow ion-atom collisions (1985) Physica Scripta, 32 (1), pp. 64-68.	Scopus
1880.	Kritskii, V.A., Klyap, M.P., Pop, S.S.	APPARATUS FOR STUDY OF ELECTRON-PHOTON EMISSION OF SOLIDS. (1985) Instruments and experimental techniques New York, 28 (3 pt 2), pp. 666-669	Scopus
1881.	Korabelshchikova, N.I., Rishko, N.V., Bichko, M.V.	Efficacy of obsidan, corvaton, corinfar treatment of exertion stenocardia evaluated by spiroveloergometry and central hemodynamics (1985) Vrachebnoe Delo, NO. 8, pp. 19-21.	Scopus
1882.	Bovdi, A.A., Gudivok, P.M., Semirov, M.S.	Normal group rings (1985) Ukrainian Mathematical Journal, 37 (1), pp. 1-5.	Scopus
1883.	Valiukonis, G., Krivaite, G., Bletskan, D.I., Šileika, A.	Hydrostatic Pressure Dependence of the Fundamental Absorption Edge of GeS Crystals	Scopus

		(1985) physica status solidi (b), 128 (1), pp. K37-K40	
1884.	Motrya, S.F., Semrad, E.E., Yatskovich, I.I., Voroshilov, Yu.V., Balog, I.S., Binder, I.N.	PREPARATION AND PROPERTIES OF SOLID SOLUTIONS OF Cd//4Ge(S//1// minus //xSe//x)//6. (1984) Soviet progress in chemistry, 50 (12), pp. 7-10.	Scopus
1885.	Pashchenko, A.E., Turyanitsa, I.M.	Free amino acids in the brain of some vertebrates (1984) Zhurnal Evolyutsionnoi Biokhimii i Fiziologii, 20 (5), pp. 474-477.	Scopus
1886.	Bondar, I.I., Gomonay, A.I., Delone, N.B., Zapesochnyi, I.P., Suran, V.V.	Measurement of the three- and five-photon ionisation probabilities of the barium atom (1984) Journal of Physics B: Atomic and Molecular Physics, 17 (10), с т а т ь я No. 010, pp. 2049-2056.	Scopus
1887.	Lengyel, V.I., Navrotsky, V.T., Sabad, E.P., Zatsarinny, O.I.	Energies of the 4snp 1,3P0 autoionising states of the magnesium atom (1984) Journal of Physics B: Atomic and Molecular Physics, 17 (14), с т а т ь я No. 002, pp. L465-L468.	Scopus
1888.	Grabar, A.A., Vysochanskii, Yu.M., Perechinskii, S.I., Salo, L.A., Gurzan, M.I., Slivka, V.Yu.	THERMOOPTIC INVESTIGATIONS OF FERROELECTRIC Sn//2P//2S//6. (1984) Soviet Physics, Solid State (English translation of Fizika Tverdogo Tela), 26 (11), pp.	Scopus
1889.	Grabar, A.A., Vysochanskii, Yu.M., Slivka, V.Yu.	LATTICE DYNAMICS AND MECHANISMS OF PHASE TRANSITIONS IN Sn//2P//2S//6-TYPE CRYSTALS CONSIDERED IN THE RIGID-ION MODEL. (1984) Soviet Physics, Solid State (English translation of Fizika Tverdogo Tela), 26 (10), pp.	Scopus
1890.	Semak, D.G., Mikla, V.I., Mikhail'ko, I.P., Stefanovich, V.A., Slivka, V.Yu., Vysochanskii, Yu.M.	REVERSIBLE PHOTOINDUCED CHANGES IN THE RAMAN SPECTRA OF As//2S//3 FILMS. (1984) Soviet Physics, Solid State (English translation of Fizika Tverdogo Tela), 26 (10), pp.	Scopus
1891.	Furtsev, V.G., Salo, L.A., Vysochanskii, Yu.M., Slivka, V.Yu.	SELF-FOCUSING AND DIFFRACTION OF LIGHT IN THE INCOMMENSURATE PHASE OF Sn//2P//2(Se//xS//1// minus //x)//6 AND PHOTOINDUCED BROADENING OF THE RANGE OF EXISTENCE OF THIS PHASE. (1984) Soviet Physics, Solid State (English translation of Fizika Tverdogo Tela), 26 (7), pp.	Scopus
1892.	Khripak, S.M., Kreka, M.I., Dobosh, A.A., Yakubets, V.I.	Acylation and iodination of 5-(p-R-phenyl)-1,2,4-triazole-3-thiones (1984) Chemistry of Heterocyclic Compounds, 20 (6), pp. 690-693.	Scopus
1893.	Bovdi, A.A.	Periodic normal subgroups of the multiplicative group of a group algebra (1984) Ukrainian Mathematical Journal, 36 (3), pp. 254-257.	Scopus
1894.	Golodets, G.I., Borko, V.A., Gomonai, V.I.	Certain regularities of selective oxidation of methane on simple and complex oxide catalysts (1984) Theoretical and Experimental Chemistry, 20 (3), pp. 293-298.	Scopus
1895.	Lend'el, V.I., Navrotskii, V.T., Sabad, E.P.	Autoionization states of the beryllium atom (1984) Soviet Physics Journal, 27 (3), pp. 188-192.	Scopus
1896.	Dankanich, V.A.	Quasiperiodic solutions of systems with lag (1984) Ukrainian Mathematical Journal, 36 (1), pp. 98-102.	Scopus

1897.	Kovach, Yu.I., Boitsun, S.A.	Generalized goursat problem for a nonlinear differential equation (1984) Ukrainian Mathematical Journal, 36 (1), pp. 102-106.	Scopus
1898.	Vais, V.M., Pashchenko, S.I.	Subcellular distribution of total and hormonal iodine and its time course in tissues of animals with experimental tuberculosis (1982) Problemy Tuberkuleza, 60 (6), pp. 65-69.	Scopus
1899.	Gudivok, P.M., Goncharova, S.F., Rud'ko, V.P.	Tensor products of irreducible integral p-adic representations of finite groups (1982) Ukrainian Mathematical Journal, 34 (6), pp. 554-560.	Scopus
1900.	Bovdi, A.A.	Structure of group bases of the group ring (1982) Mathematical Notes of the Academy of Sciences of the USSR, 32 (4), pp. 709-713.	Scopus
1901.	Motsa, A.I.	Limit theorems for stochastically continuous fields with conditionally independent increments (1982) Ukrainian Mathematical Journal, 34 (5), pp. 456-462.	Scopus
1902.	Migalina, Yu.V., Galla-Bobik, S.V., Khripak, S.M., Staninets, V.I.	Electrophilic reactions of halides of group vi elements. 7. Reactions of allylbenzene and allyl phenyl ether with selenium tetrahalides (1982) Chemistry of Heterocyclic Compounds, 18 (7), pp. 690-692.	Scopus
1903.	Kovach, Yu.I., Boitsun, S.A.	The Cauchy problem for a nonlinear partial differential equation (1982) Ukrainian Mathematical Journal, 34 (4), pp. 409-412.	Scopus
1904.	Delone, N.B., Bondar, I.I., Suran, V.V., Zon, B.A.	Dependence of the process of nonlinear two-electron ionization of the barium atom on the polarization of the laser radiation (1982) Optics Communications, 40 (4), pp. 268-270.	Scopus
1905.	Korabelshchikova, N.I., Kashai, A.A., Pichkar, I.I.	On the effectiveness of β-adrenoblockaders in patients with myocardial infarction (1981) Vrachebnoe Delo, No. 12, pp. 38-41.	Scopus
1906.	Kovach, Yu.I., Brich, I.V.	Studying a nonlinear boundary-value problem by the two-sided analytic method (1981) Ukrainian Mathematical Journal, 33 (5), pp. 518-520.	Scopus
1907.	Smolanka, I.V., Man'о, N.P., Krasnitskaya, T.A.	Synthesis of some 4-thiazolidone derivatives from 4-(cyclo-3-alkenyl)thiosemicarbazones (1981) Chemistry of Heterocyclic Compounds, 17 (5), pp. 457-458	Scopus
1908.	Gerzanich, E.I.	Tricritical Points in Ferroelectrics (1981) Ferroelectrics, 31 (1), pp. 127-137.	Scopus
1909.	Ganich, O.N., Ghopei, I.V., Dobosh Yu., M., Zheliznyak, N.I.	myolytic and peptide hydrolase activity of the duodenal mucosa in peptic ulcer 1981) Klinicheskaya Meditsina, 59 (5), pp. 35-37.	Scopus
1910.	Sukhoviya, M.I., Shevera, V.S.	Initiation by laser irradiation of defects of the secondary structure of DNA (1980) Biophysics, 25 (5), pp. 932-933.	Scopus
1911.	Turyanitsa, S.M., Grishchenko, R.I., Sakal, N.N., Kishko, A.M.	Clinico-bacteriological features of salmonellosis (1980) Klinicheskaya Meditsina, 58 (2), pp. 26-29.	Scopus

1912.	Grishchenko, R.I., Sakal, N.N., Kishko, A.M., Turianitsa, S.M.	Microbiological aspects of rational antibioticotherapy of intestinal infections (1980) Vrachebnoe Delo, NO. 3, pp. 115-118.	Scopus
1913.	Pashchenko, A.E., Shimsha, A.A.	Content of free aminoacids in the blood serum and burn fluid in thermal burns (1979) Klinicheskaya Khirurgiya, No. 3, pp. 13-15.	Scopus
1914.	Buletsa, B.A., Pashchenko, A.E., Febri, Z.I.	Significance of thyroid gland dysfunction in the pathogenesis and development of disorders of cerebral circulation (1978) Zhurnal Nevropatologii i Psikiatrii Imeni S.S.Korsakova, 78 (11), pp. 1614-1616.	Scopus
1915.	Vlasov, V.I., Semak, D.G., Chepur, D.V.	Mechanism of photoinduced changes in the optical constants in chalcogenide glass based on As-Se (1978) Soviet Physics Journal, 21 (12), pp. 1561-1564.	Scopus
1916.	Buletsa, B.A., Durach, L.N., Romaniuta, L.A.	Parathyroid function in patients with disturbances of the cerebral blood circulation (1978) Vrachebnoe Delo, NO. 7, pp. 48-51.	Scopus
1917.	Migalina, Yu.V., Balog, I.M., Lendel, V.G., Koz'min, A.S., Zefirov, N.S.	Reactions of tellurium tetrahalides with 1,5- and 1,6-diolefins and their derivatives (1978) Chemistry of Heterocyclic Compounds, 14 (9), pp. 976-979	Scopus
1918.	Migalina, Yu.V., Lendel, V.G., Koz'min, A.S., Zefirov, N.S.	Synthesis of a new heterocyclic system - Selenathietane (1978) Chemistry of Heterocyclic Compounds, 14 (5), p. 584.	Scopus
1919.	Kovach, Yu.I.	A method of studying the convergence of an iterative process for nonlinear differential equations in partial derivatives (1978) Ukrainian Mathematical Journal, 30 (2), pp. 125-132.	Scopus
1920.	Oblyvach, A.V.	Pathophysiological mechanisms of the therapeutic action of corticosteroids in shock and shock-like conditions (Foreign literature survey) (1978) Patologicheskaya Fiziologiya i Eksperimentalnaya Terapiya, 22 (3), pp. 74-81.	Scopus
1921.	Fatula, M.I., Ivancho, E.S.	On the incidence of ulcer disease among subjects consuming for a long period drinking water with a high content of sodium chloride (1978) Vrachebnoe Delo, No. 6, pp. 72-74.	Scopus
1922.	Lendel, V.L., Migalina, Yu.V., Galla, S.V., Koz'min, A.S., Zefirov, N.S. Compounds, 13 (10), pp. 1072-1074.	Oeganic compounds of selenium and tellurium - II. Synthesis of benzo[b]selenophene derivatives by reaction of dibenzal- and benzalacetone with selenium tetrabromide (1978) Chemistry of Heterocyclic	Scopus
1923.	Migalina, Yu.V., Staninets, V.I., Lendel, V.G., Koz'min, A.S., Zefirov, N.S.	Synthesis of halo derivatives of 2-selenaadamantane (1978) Chemistry of Heterocyclic Compounds, 13 (12), pp. 1303-1305.	Scopus
1924.	Boiko, S.A., Bletskan, D.I., Terekhova, S.F.	Exciton absorption of germanium diselenide (1978) physica status solidi (b), 90 (1), pp. K49-K52.	Scopus
1925.	Betsa, V.V., Zhikharev, V.N., Popik, Yu.V.	Mechanism of adsorption of oxygen and hydrogen on surface of solids (1977) Soviet Physics Journal, 20 (9), pp. 1188-1192.	Scopus

1926.	Lazur, V.Yu., Khimich, I.V.	A proof of the Jost - Lehmann - Dyson integral representation for a causal commutator, within the limits of localizable theories (1977) Ukrainian Mathematical Journal, 29 (5), pp. 458-468.	Scopus
1927.	Gudivok, P.M.	Modular and p-adic integral representations of a direct product of groups (1977) Ukrainian Mathematical Journal, 29 (5), pp. 443-450.	Scopus
1928.	Peten'ko, V.A., Studnev, Yu.P.	An analog of the two-dimensional local limit theorem (1977) Ukrainian Mathematical Journal, 29 (4), pp. 415-421.	Scopus
1929.	Smolanka, I.V., Khripak, S.M., Zeikan', A.A., Dobosh, A.A.	Synthesis of 2-selenothieno[2,3-d]pyrimidine derivatives (1977) Chemistry of Heterocyclic Compounds, 13 (6), pp. 609-610.	Scopus
1930.	Migalina, Yu.V., Staninets, V.I., Lendel, V.G., Balog, I.M., Palyulin, V.A., Koz'min, A.S., Zefirov, N.S.	Organic compounds of selenium and tellurium - I. Reaction of selenium tetrahalides with 1,5 and 1,6-diolefins and their derivatives (1977) Chemistry of Heterocyclic Compounds, 13 (1), pp. 49-53.	Scopus
1931.	Delegan, E.G., Smolanka, I.V., Melika, Yu.V.	Bromocyclization of some substituted 3-allyl-2-thiohydantoins (1976) Chemistry of Heterocyclic Compounds, 10 (11), pp. 1382-1383.	Scopus
1932.	Tsitsika, M.M., Khripak, S.M., Smolanka, I.V.	Conversion of some substituted 1,2,4-triazole-3-thiones (1976) Chemistry of Heterocyclic Compounds, 10 (10), pp. 1251-1253.	Scopus
1933.	Luksha, O.V., Firtsak, Yu.Yu., Zhdankin, A.P., Slivka, V.Yu., Dovgoshei, N.I., Chepur, D.V.	Deposition of SbSI and BiSeI films in quasi-equilibrium conditions (1976) Soviet Physics Journal, 17 (8), pp. 1099-1101.	Scopus
1934.	Borets, A.N., Shtilikha, M.V., Puga, G.D.	Some optical properties and peculiarities in the energy structure of layered bismuth oxyhalogenide crystals (1976) Soviet Physics Journal, 17 (7), pp. 921-924.	Scopus
1935.	Khiminets, V.V., Chepur, D.V., Turyanitsa, I.D.	Glass-forming regions and switching and memory effects in K-As (Sb)-S (Se, Te)-Br(I) glasses (1976) Soviet Physics Journal, 17 (9), pp. 1198-1201.	Scopus
1936.	Buturlakin, A.P., Gerzanich, E.I., Chepur, D.V., Groshik, I.I.	The T-p-x phase diagram of SbS _{1-x} Br _{1-x} solid solutions (1976) Soviet Physics Journal, 19 (10), pp. 1333-1337.	Scopus
1937.	Bodnar, M.P., Chepur, D.V., Zayachkovskii, M.P., Pan'ko, V.V.	Magnetic susceptibilities of Ag ₃ As _x Sb _{1-x} S ₃ solid solutions (1976) Soviet Physics Journal, 19 (6), pp. 778-780.	Scopus
1938.	Golovach, I.I., Gerasimenko, V.S., Slivka, V.Yu., Dovgoshei, N.I., Golovei, M.I., Bogdanova, A.V.	Vitrification of and optical and photoelectrical properties of AgAsS ₂ , AgSbS ₂ , and AgBiS ₂ (1976) Soviet Physics Journal, 19 (3), pp. 294-298	Scopus
1939.	Semak, D.G., Kikineshi, A.A.	Induced photoconductivity and photopolarization in several iodides of type AVBVICVII (1975) Soviet Physics Journal, 16 (10), pp. 1475-1477.	Scopus
1940.	Mel'nichenko, T.N., Mikhal'ko, I.P., Seikovskii, I.D., Kikineshi, A.A., Semak, D.G., Turyanitsa, I.D.	Structural defects and luminescence in BiI ₃ crystals (1975) Soviet Physics Journal, 16 (3), pp. 426-427.	Scopus

1941.	Onopko, L.V., Onopko, V.V., Chepur, D.V., Dovgoshei, N.I.	Electrophysical properties of thin BiTeI films (1975) Soviet Physics Journal, 15 (12), pp. 1819-1820.	Scopus
1942.	Koperles, B.M., Puga, P.P., Turyanitsa, I.D., Borets, A.N., Chepur, D.V.	The vitrification region and the physicochemical properties of glasses based on components of AVBVICVII type (1975) Soviet Physics Journal, 16 (10), pp. 1421-1424.	Scopus
1943.	Smolanka, I.V., Dobosh, A.A., Khripak, S.M.	Halogenation of some substituted 3-allyl-2-mercapto-3,4-dihydrothieno[2,3-d]pyrimidines (1975) Chemistry of Heterocyclic Compounds, 9 (9), pp. 1169-1170.	Scopus
1944.	Krasnitskaya, T.A., Smolanka, I.V., Vais, A.L.	Cyclization of substituted N-allylpseudothiohydantoins and N-allylpseudothiohydantoic acids (1975) Chemistry of Heterocyclic Compounds, 9 (3), pp. 395-396.	Scopus
1945.	Bletskan, D.I., Kopinets, I.F., Rubish, I.D., Turyanitsa, I.I., Shtilikha, M.V.	Photoconductivity and photoluminescence in BiOCl crystals (1975) Soviet Physics Journal, 16 (5), pp. 646-648.	Scopus
1946.	Khripak, S.M., Dobosh, A.A., Smolanka, I.V.	Synthesis of cyclohexeno[1',2' : 2,3]thieno[4,-5-e]-1,3H-pyrimidin-4-one-2-thione and some of its derivatives (1975) Chemistry of Heterocyclic Compounds, 9 (4), pp. 525-526.	Scopus
1947.	Khripak, S.M., Dobosh, A.A., Smolanka, I.V., Mikitchin, A.S.	Synthesis of 2-amino-3-carbomethoxy-4,5,6,7-tetrahydrobenzo[b]selenophene and some transformations based on it (1975) Chemistry of Heterocyclic Compounds, 9 (3), pp. 300-302.	Scopus
1948.	Buletsa, V.I., Zheltvai, V.V., Langazo, Z.P.	Functional condition of the stomach and its G cell (Russian) (1975) Fiziologicheskii Zhurnal SSSR Imeni I.M. Sechenova, 61 (2), pp. 298-300.	Scopus
1949.	Tsitsika, M.M., Khripak, S.M., Smolanka, I.V.	Synthesis on the basis of 3-carboxymethylmercapto-4,5-diphenyl-1,2,4-triazole hydrazide (1975) Chemistry of Heterocyclic Compounds, 11 (11), pp. 1329-1331.	Scopus
1950.	Mikhailets, B.M., Savchenko, L.I.	The approximate solution of difference equations with polynomial coefficients (1975) Ukrainian Mathematical Journal, 27 (6), pp. 678-682.	Scopus
1951.	Kel'man, V.A.	Excitation of magnesium ions in slow electron-ion collisions (1975) Soviet Physics Journal, 18 (8), pp. 1089-1092	Scopus
1952.	Khripak, S.M., Tsitsika, M.M., Smolanka, I.V.	Aminomethylation of 4,5-substituted 1,2,4-triazole-3-thiones (1975) Chemistry of Heterocyclic Compounds, 11 (7), pp. 877-878.	Scopus
1953.	Turyanitsa, I.I., Kikineshi, A.A., Semak, D.G., Turyanitsa, I.D.	Thermal processing and light sensitivity of thin layers of glasses of the As-Se system (1975) Soviet Physics Journal, 18 (7), pp. 1034-1036	Scopus
1954.	Khripak, S.M., Tsitsika, M.M., Smolanka, I.V.	Transformations of some substituted 5-benzyl-1,2,4-triazoline-3-thiones (1975) Chemistry of Heterocyclic Compounds, 11 (6), pp. 740-742.	Scopus
1955.	Luksha, O.V., Zhdankin, A.P., Suslikov, L.M., Dovgoshei, N.I., Slivka, V.Yu.	Nature of the edge absorption in amorphous and crystalline BiSeI type films	Scopus

		(1975) Soviet Physics Journal, 18 (5), pp. 724-726	
1956.	Fedak, V.V., Semak, D.G., Chepur, D.V., Kikineshi, A.A.	Infrared radiation indicator based on SbSI ferroelectric-semiconductor (1975) Soviet Physics Journal, 18 (4), pp. 533-535.	Scopus
1957.	Gurin, N.T., Khiminets, V.V., Semak, D.G., Turyanitsa, I.D., Fedak, V.V.	Vitrification and threshold switching in the Si-As-Te-I system (1975) Soviet Physics Journal, 18 (4), pp. 586-588.	Scopus
1958.	Bratasyuk, N.M., Magda, I.N.	Quartz dilatometer with capacitance transducer (1975) Journal of Engineering Physics, 28 (3), pp. 321-323.	Scopus
1959.	Chervak, N.K.	A finite cutting-plane algorithm for integer linear programming with a noninteger objective function (1975) Ukrainian Mathematical Journal, 27 (1), pp. 111-113.	Scopus
1960.	Gerzanich, E.I., Golovei, M.I., Gurzan, M.I., Dob'yanskii, S.A., Chepur, D.V.	Band structure of pyrrargyrite under hydrostatic pressure (1975) Soviet Physics Journal, 18 (1), pp. 132-133.	Scopus
1961.	Drobotenko, V.C.	A characterization of nilpotent groups in the language of characters (1975) Ukrainian Mathematical Journal, 27 (1), pp. 63-64.	Scopus
1962.	Gerzanich, E.I., Borets, A.N., Kovach, D.Sh.	Indirect transitions and absorption in the intermediate infrared spectral region in SbSBr crystals (1974) Soviet Physics Journal, 15 (7), pp. 999-1002.	Scopus
1963.	Bercha, D.M., Slivka, V.Yu., Syrbu, N.N., Turyanitsa, I.D., Chepur, D.V.	Anisotropy of reflection spectrum and band structure of SbSI (1974) Soviet Physics Journal, 14 (8), pp. 1028-1032.	Scopus
1964.	Kopinets, I.F., Rubish, I.D., Bletska, D.I., Mikulaninets, S.V., Mel'nichenko, T.N.	The surface properties of bismuth triiodides (1974) Soviet Physics Journal, 15 (4), pp. 536-539.	Scopus
1965.	Turyanitsa, I.D., Koperles, B.M., Popik, Yu.V.	Investigation of the glass-formation region of the system Sb₂S₃-SbI₃-In. (1974) Soviet Physics Journal, 15 (3), pp. 410-412	Scopus
1966.	Onopko, L.V., Onopko, V.V., Chepur, D.V., Dovgoshei, N.I., Gryadil', I.A.	Production method, structure and mechanical properties of thin films of BiTeI (1974) Soviet Physics Journal, 15 (11), pp. 1641-1643.	Scopus
1967.	Zolotarev, V.F., Kikineshi, A.A., Semak, D.G., Chepur, D.V.	Features of the photopolarization of single HgI₂ crystals (1974) Soviet Physics Journal, 14 (12), pp. 1650-1653.	Scopus
1968.	Semak, D.G., Kikineshi, A.A., Chepur, D.V., Mel'nichenko, D.P.	The calculation of nonisothermal relaxation of a photoelectret state (1974) Soviet Physics Journal, 15 (5), pp. 738-740.	Scopus
1969.	Ivanitsa, V.V.	On a problem concerning difference inequalities for a nonlinear boundary value problem (1974) Ukrainian Mathematical Journal, 26 (6), pp. 665-670.	Scopus
1970.	Gudivok, P.M.	Several remarks on integral representations of finite groups (1974) Ukrainian Mathematical Journal, 26 (4), pp. 445-449.	Scopus

1971.	Tsitsika, M.M., Khripak, S.M., Smolanka, I.V.	Acylation of some substituted 1,2,4-triazole-3-thiones (1974) Chemistry of Heterocyclic Compounds, 10 (6), pp. 740-742.	Scopus
1972.	Dobosh, A.A., Khripak, S.M., Smolanka, I.V.	Cyclization of some substituted 2-(n-acylthioureido)-3-carbomethoxythiophenes (1974) Chemistry of Heterocyclic Compounds, 10 (4), pp. 421-423.	Scopus
1973.	Chervak, Yu.Yu.	A method of lexicogeaphic search for solutions of discrete convex programming problems (1974) Ukrainian Mathematical Journal, 26 (2), pp. 226-229.	Scopus
1974.	Geche, F.I., Onipchuk, S.V.	On abscissas of convergence of a Dirichlet series and its Newton majorant (1974) Ukrainian Mathematical Journal, 26 (2), pp. 131-137.	Scopus
1975.	Polyak, S.S.	The structure constants of character algebras of p-groups (1974) Ukrainian Mathematical Journal, 26 (2), pp. 217-221.	Scopus
1976.	Zhilinskaya, Z.P.	Direct decompositions of pairs of finitely generated abelian groups (1974) Ukrainian Mathematical Journal, 26 (2), pp. 205-206.	Scopus
1977.	Dobosh, A.A., Smolanka, I.V., Khripak, S.M.	Reaction of 2-amino-3-ethoxycarbonylthiophenes with 2,3-dibromopropyl isothiocyanate (1974) Chemistry of Heterocyclic Compounds, 10 (1), p. 120.	Scopus
1978.	Baran, B.A., Belen'kaya, I.M., Dubinin, M.M.	Formation and properties of the hydrogen form of mordenite - Communication 10. Adsorption characteristics of certain ion exchange forms of mordenite modified by heat treatment (1974) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 23 (1), pp.	Scopus
1979.	Dovgoshei, N.I., Chepur, D.V., Kopinets, I.F., Zolotarev, V.F., Stafeev, V.I., Fantich, A.M.	Some features of the current-voltage characteristics of p(SiC)-n(CdS) junctions (1973) Soviet Physics Journal, 13 (8), pp. 1122-1124.	Scopus
1980.	Kopinets, I.F., Kovach, E.T., Mikulaninets, S.V., Rubish, I.D., Chepur, D.V.	Effect of adsorption on the electric and photoelectric properties of thin CdS_xSe_{1-x} films (1973) Soviet Physics Journal, 13 (4), pp. 450-453.	Scopus
1981.	Gryadil', I.A., Dovgoshei, N.I., Bentsa, V.M., Chepur, D.V., Otrokh, P.I., Povkhan, T.I.	Synthesis, structure, and certain properties of single-layer and multilayer single-crystal systems based on CdS-CdSe films (1973) Soviet Physics Journal, 13 (8), pp. 1112-1113.	Scopus
1982.	Dovgoshei, N.I., Turyanitsa, I.D., Chepur, D.V., Muchichka, I.I.	Some optical properties of samples of AsS_xSe_{1-x} (0 ≤ x ≤ 1) (1973) Soviet Physics Journal, 13 (12), pp. 1673-1674.	Scopus
1983.	Chepur, D.V., Turyanitsa, I.D., Gerzanich, E.I., Koperles, B.M., Slivka, V.Yu., Puga, P.P.	Synthesis and certain optical properties of glassy and crystalline SbSBr (1973) Soviet Physics Journal, 14 (2), pp. 234-236.	Scopus
1984.	Kikineshi, A.A., Semak, D.G., Chepur, D.V.	A study of the adhesion levels in SbI₃ crystals using thermostimulated current in a photoelectret regime	Scopus

		(1973) Soviet Physics Journal, 14 (6), pp. 832-833.	
1985.	Chervak, Yu.Yu.	The construction of correct cutting-planes in partially discrete linear programming problems (1973) Ukrainian Mathematical Journal, 25 (5), pp. 589-590.	Scopus
1986.	Baran, B.A., Belen'kaya, I.M., Dubinin, M.M.	Formation and properties of the hydrogen form of mordenite Communication 9. Thermal stability of certain cationic forms of synthetic mordenite (1973) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 22 (8), pp.	Scopus
1987.	Baran, B.A., Belen'kaya, I.M., Dubinin, M.M.	Formation and properties of the hydrogen form of mordenite Communication 8. Influence of preliminary heat treatment on the properties of natural mordenite (1973) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 22 (8), pp	Scopus
1988.	Orban, Yu.M., Studnev, Yu.P.	Functions of airy and Fresnel type as limiting laws for convolutions of functions of bounded variation (1973) Ukrainian Mathematical Journal, 25 (3), pp. 255-262.	Scopus
1989.	Baran, B.A., Belen'kaya, I.M., Dubinin, M.M.	Formation and properties of the hydrogen form of mordenite - Communication 7. Thermal stability of hydrogen forms of synthetic mordenite (1973) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 22 (4), pp.	Scopus
1990.	Belen'kaya, I.M., Dubinin, M.M., Krishtofori, I.I.	Formation and properties of the hydrogen form of mordenite - Communication 5. Adsorption of vapors of n-pentane and diethyl ether on modified hydrogen forms of synthetic mordenite (1973) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 22 (3), pp.	Scopus
1991.	Baran, B.A., Belen'kaya, I.M., Dubinin, M.M.	Formation and properties of the hydrogen form of mordenite - Communication 6. Influence of heat treatment of synthetic mordenite on acid resistance (1973) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 22 (3), pp. 490-494.	Scopus
1992.	Pouga, G.D., Pouga, P.P., Maksimetz, V.V., Boretz, A.N., Hroshik, I.I., Bercha, D.M., Chepur, D.V.	Optical and dielectric properties of semiconductor-ferroelectrics sbxsxse1-xi (1973) Ferroelectrics, 6 (1), pp. 111-113.	Scopus
1993.	Tar, M.M.	Analyticity of functions of a complex variable (1973) Ukrainian Mathematical Journal , 25 (1), pp. 59-65.	Scopus
1994.	Holovey, M.I., Gurzan, M.I., Olexeyuk, I.D., Rez, I.S., Voroshilov, Yu.V., Roman, I.Yu.	Preparation and some physical-chemical properties of synthetic pyrrargyrite single crystals (1973) Kristall und Technik, 8 (4), pp. 453-456.	Scopus
1995.	Bercha, D.M., Puga, G.D., Borets, A.N.	Two-Phonon Processes in Crystals of D 4h7 Symmetry (1973) physica status solidi (b), 55 (1), pp. 69-78.	Scopus
1996.	Afanasenko, E.E., Goncharenko, A.A.	Pedagogy in the University	Scopus

		(1973) Soviet Education, 15 (9), pp. 48-52.	
1997.	Aizenberg, N.N.	Representatives of functions of k-valued logic by polynomials mod k (1972) Cybernetics, 4 (2), p. 83.	Scopus
1998.	Semak, D.G., Zolotarev, V.F., Chepur, D.V.	The resolving power of the TPS method (1972) Soviet Physics Journal, 11 (11), pp. 135-137.	Scopus
1999.	Sabo, V.I., Sokur, L.P.	Some consequences of chiral $SU(3) \times SU(3)$ dynamics (1972) Soviet Physics Journal, 11 (11), pp. 141-143.	Scopus
2000.	Dovgoshei, N.I., Nikolyuk, V.I., Semrad, E.E., Chepur, D.V., Golovei, M.I.	Some electrophysical properties of metaselenoarsenites of alkali metals (1972) Soviet Physics Journal, 13 (3), pp. 393-394.	Scopus
2001.	Lomsadze, Yu.M., Krivsky, I.Yu., Khimitch, I.V.	On a possible generalization of modern quantized field theory (1962) Nuclear Physics, 33 (C), pp. 566-579.	Scopus
2002.	Lomsadze, Yu.M.	Relativistically invariant formulation of the theory of quantized probability amplitude field (1962) Nuclear Physics, 37 (C), pp. 147-149.	Scopus
2003.	Kushtan, V.I., Lomsadze, Yu.M., Romanko, G.D.	A principle of invariance under inversion for each constant in the theory and its consequences (1962) Physics Letters, 2 (2), pp. 82-83.	Scopus
2004.	Krivsky, I.Yu.	Matrix elements in the theory of the quantized field of probability amplitude (1963) Nuclear Physics, 41 (C), pp. 539-546.	Scopus
2005.	Lomsadze, Yu.M.	A general method, for investigation of the scattering by « nonphysical » potentials (1965) Il Nuovo Cimento Series 10, 38 (3), pp. 1291-1302.	Scopus
2006.	Lomsadze, Yu.M.	A general method for investigation of the scattering by «nonphysical» potentials (1966) Il Nuovo Cimento A, 43 (3), p. 767.	Scopus
2007.	Bovdi, A.A.	Intersection of powers of the fundamental ideal of an integral group ring (1967) Mathematical Notes of the Academy of Sciences of the USSR, 2 (2), pp. 561-563.	Scopus
2008.	Lomsadze, Yu.M., Khimich, I.V., Shuba, I.M.	Motion in the complex plane of the poles of the quantum-mechanical partial amplitude for a bond (1967) Soviet Physics Journal, 8 (3), pp. 58-63.	Scopus
2009.	Kovach, Yu.I., Savchenko, L.I.	Solution of a boundary value problem for a nonlinear system of second order ordinary differential equations (1968) Ukrainian Mathematical Journal, 20 (1), pp. 30-39.	Scopus
2010.	Studnev, Yu.P.	One form of estimating the rate of convergence to a normal law (1968) Ukrainian Mathematical Journal, 20 (2), pp. 256-259.	Scopus
2011.	Lendyel, V.I., Tovtin, E.V.	On the solution of an equation for singlet 1S_0-wave of pp-scattering (1968) Nuclear Physics, Section B, 5 (2), pp. 346-354.	Scopus
2012.	Belen'kaya, I.M., Dubinin, M.M., Krishtofori, I.I.	Formation and properties of the hydrogen form of mordenite - Communication 2. Investigation of the	Scopus

		production of the hydrogen form of natural mordenite and accompanying processes (1968) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 17 (10), pp. 2071-2076.	
2013.	Rud'ko, V.P.	Rational tensor algebra of modular representations of cyclic p-groups (1968) Ukrainian Mathematical Journal, 20 (6), pp. 726-729.	Scopus
2014.	Kovach, Yu.I., Savchenko, L.I.	A two-sided iterative method for the solution of a boundary value problem for nonlinear systems of differential equations of parabolic and hyperbolic types (1969) Ukrainian Mathematical Journal, 21 (2), pp. 212-218.	Scopus
2015.	Kovach, Yu.I.	On the boundary-value problem for an m-th-order parabolic or hyperbolic type operator (1969) Ukrainian Mathematical Journal, 21 (5), pp. 491-501.	Scopus
2016.	Drobotenko, E.S.	Irreducible representations of the groups $GL(2, q)$ and $GL(3, q)$ over an arbitrary field of characteristic zero (1969) Ukrainian Mathematical Journal, 21 (6), pp. 687-693.	Scopus
2017.	Berman, S.D.	On the theory of group codes (1969) Cybernetics, 3 (1), pp. 25-31.	Scopus
2018.	Fushchich, V.I., Krivsky, I.Yu.	On representations of the inhomogeneous de Sitter group and equations in five-dimensional Minkowski space (1969) Nuclear Physics, Section B, 14 (3), pp. 573-585.	Scopus
2019.	Gudivok, P.M., Pogorilyak, E.Ya.	On the Krull-Schmidt theorem for the representation of groups over P-integer number rings (1970) Mathematical Notes of the Academy of Sciences of the USSR, 7 (1), pp. 74-79.	Scopus
2020.	Kovach, Yu.I.	On the approximate solution of a nonlinear system of differential equations of higher order with a retarded argument (1970) Ukrainian Mathematical Journal, 22 (3), pp. 332-339.	Scopus
2021.	Berman, S.D.	Semisimple cyclic and Abelian codes. II (1970) Cybernetics, 3 (3), pp. 17-23.	Scopus
2022.	Lomsadze, Yu.M., Tokar, S.S.	Observation of a fixed amplitude singularity for $g_2=0$ (1970) Soviet Physics Journal, 10 (3), pp. 28-30.	Scopus
2023.	Holovey, M.I., Olexeyuk, I.D., Gurzan, M.I., Rez, I.S., Panyko, V.V., Voroshilov, Yu.V., Rigan, M.Yu., Ganeyev, I.G., Bogdanova, A.V.	Preparation and some properties of synthetic proustite single crystals (1971) Kristall und Technik, 6 (5), pp. 631-637.	Scopus
2024.	Savchenko, L.I.	Estimate of the solution of the first boundary-value problem for quasilinear systems of differential equations of parabolic type (1971) Ukrainian Mathematical Journal, 23 (3), pp. 361-366.	Scopus

2025.	Balla, E.Sh., Markush, I.I.	On the asymptotic solution of a mixed problem for a hyperbolic equation with lagging arguments (1971) Ukrainian Mathematical Journal, 23 (4), pp. 369-382.	Scopus
2026.	Belen'kaya, I.M., Dubinin, M.M., Krishtofori, I.I.	Formation and properties of the hydrogen form of mordenite - Communication 3. The adsorption of water vapors on modified samples of synthetic mordenite (1971) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 20 (7), pp. 1298-1303.	Scopus
2027.	Barannik, L.F.	Exact projective representations of Abelian groups (1971) Mathematical Notes of the Academy of Sciences of the USSR, 10 (3), pp. 630-635.	Scopus
2028.	Zolotarev, V.F., Semak, D.G., Chepur, D.V.	Peculiarities of the polarization of HgI₂ single crystals taking into account the effect of excitation (1971) Soviet Physics Journal, 10 (6), pp. 91-93.	Scopus
2029.	Belen'kaya, I.M., Dubinin, M.M., Krishtofori, I.I.	Formation and properties of the hydrogen form of mordenite - Communication 4. Structure and porosity of modified hydrogen forms of synthetic mordenite (1971) Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 20 (12), pp. 2505-2509.	Scopus
2030.	Khripta, I.I.	Nilpotency of the multiplicative group of a group ring (1972) Mathematical Notes of the Academy of Sciences of the USSR, 11 (2), pp. 119-124.	Scopus
2031.	Kopinets, I.F., Mikulaninets, S.V., Turyanitsa, I.D., Chepur, D.V.	Effect of oxygen adsorption on the properties of bismuth triiodide single crystals (1972) Soviet Physics Journal, 12 (9), pp. 1118-1120.	Scopus
2032.	Dovgoshei, N.I., Turyanitsa, I.D., Chepur, D.V., Slivka, V.Yu., Savchenko, N.D.	Synthesis technique for and certain properties of As_xSb_{1-x}SI crystals (1972) Soviet Physics Journal, 12 (9), pp. 1125-1128.	Scopus
2033.	Turyanitsa, A.I., Bentsa, V.M., Petrus, V.N.	Determination of the photoelectric work of the release of certain bacterial fractions (1972) Biophysics, 17 (3), pp. 577-578.	Scopus
2034.	Lomsadze, Yu.M., Tokar, S.S.	Possible equalities of the differential reaction cross sections for asymptotically large energies and transmitted impulses (1972) Soviet Physics Journal, 11 (1), pp. 61-65.	Scopus
2035.	Dovgoshei, N.I., Shtilikha, M.V., Chepur, D.V.	Preparation and properties of a junction between p-SiC and n-CdSe (1972) Soviet Physics Journal, 11 (6), p. 79.	Scopus
2036.	Kovach, E.T., Nikolyuk, V.I., Dovgoshei, N.I., Chepur, D.V.	Temperature dependence of the photoelectric properties of thin CdS_x · CdSe_{1-x} films (1972) Soviet Physics Journal, 12 (8), pp. 1085-1087.	Scopus

2037.	Nikolyuk, R.G., Dovgoshei, N.I., Chepur, D.V.	Effect of temperature on the absorption spectra of CdS_x · CdSe_{1-x} (0 ≤ x ≤ 1) films (1972) Soviet Physics Journal, 12 (7), pp. 925-926.	Scopus
2038.	Nasekovskii, A.P.	Dilatometric check of the analytic spectral distribution of normal lattice modes (1972) Soviet Physics Journal, 12 (12), pp. 1550-1552.	Scopus
2039.	Holovey, M.I., Gurzan, M.I., Olexeyuk, I.D., Rez, I.S., Voroshilov, Yu.V., Roman, I.Yu.	Preparation and some physical-chemical properties of synthetic pyrargyrite single crystals (1973) Kristall und Technik, 8 (4), pp. 453-456.	Scopus
2040.	Pouga, G.D., Pouga, P.P., Maksimetz, V.V., Boretz, A.N., Hroshik, I.I., Bercha, D.M., Chepur, D.V.	Optical and dielectric properties of semiconductor-ferroelectrics sbsxse_{1-xi} (1973) Ferroelectrics, 6 (1), pp. 111-113.	Scopus

Станом на 23.01.18 р.