

**Перелік публікацій наукових, науково-педагогічних працівників, здобувачів
Одеського національного університету імені І. І. Мечникова,
опублікованих у 2024 році у виданнях, що індексуються наукометричними базами даних
SCOPUS, WEB OF SCIENCE (станом на 30 вересня 2024 року)**

№ з/п	Автор(и) за алфавітом	Назва роботи	Назва видання, де опубліковано роботу	Том, номер (випуск), перша–остання сторінки роботи, цифровий ідентифікатор об'єкту DOI
1	2	3	4	5
SCOPUS				
1.	Akischeva, A. S., Larionov, V. B., Golovenko, M. Y., Makarenko, O. A., Valivodz, I. P., Borysiuk, I. Y., Molodan, Y. O.	In silico exploration of antinociceptive activity of 1,4-benzodiazepines: molecular docking on $\alpha 1$ A-adrenoceptor, and phosphodiesterase 4	<i>Regulatory Mechanisms in Biosystems</i>	15(2), 327–336. doi:10.15421/022447
2.	Alagioglou, L., Manakos, I., Katsikis, E., Medinets, S., Gazyetov, Y., Medinets, V., Delopoulos, A.	Machine learning for identifying emergent and floating aquatic vegetation from space: a case study in the Dniester Delta, Ukraine	<i>SN Computer Science</i>	5(5), Article 597. doi:10.1007/s42979-024-02873-7
3.	Angelsky, O. V., Bekshaev, A. Y., Maksimyak, P. P., Mokhun, I. I., Zenkova, C. Y., Gotsulskiy, V. Y. ... Zheng, J.	Correlation and singular optics for diagnostics of structured light and condensed matter: time-stationary and spatio-temporal approaches	<i>Frontiers in Physics</i>	12, Article 1383256 doi:10.3389/fphy.2024.1383256
4.	Angelsky, O. V., Zenkova, C., Bekshaev, A., Ivanskyi, D.	Pancharatnam-Berry phase in polarization sensitive optical coherence tomography	Proceedings of SPIE - The International Society for Optical Engineering	8th International Conference on Speckle Metrology, Speckle 2023, Xi'an, 18–20 October 2023 (Vol. 130702024, Article 130700G8). doi:10.1117/12.3014299
5.	Avdiyuk, K. V., Ivanytsia, V. O., Varbanets, L. D., Shtenikov, M. D.	Bacteria of deep-sea sediments of the Black Sea breaking down keratin	<i>Mikrobiolohichnyi Zhurnal</i>	86(3), 18–26. doi:10.15407/microbiolj86.03.018
6.	Bekshaev, A.	Bi-chromatic paraxial beam as a representative of spatio-temporal light fields: modeling abilities and restrictions	Proceedings of SPIE - The International Society for Optical Engineering	6th International Conference on Correlation Optics, COR 2023, Chernivtsi, 18–21 September 2023 (Vol. 129382024, Article 129380P1). doi:10.1117/12.3009856
7.	Bobok, I. I., Kobozeva, A. A.	Development of the theoretical approach based on matrix theory for analyzing the state of information security systems	<i>Problems of the Regional Energetics</i>	(3), 29–43. doi:10.52254/1857-0070.2024.3-63.03
8.	Bocharova, M. Y., Malakhov, E. V.	CapStyleBERT: incorporating capitalization and style information into BERT for enhanced resumes parsing	ACM International Conference Proceeding Series	13th International Conference on Software and Computer Applications, ICSCA 2024, Bali Island, 1–3 February 2024 (pp. 249–254). doi:10.1145/3651781.3651820

9.	Brunetkin, O., Maksymov, M., Dobrynin, Y., Demydenko, V., Sidelnykov, O.	Development of a process model for determining the composition and energy characteristics of a pyrotechnic mixture using the library method	<i>EUREKA, Physics and Engineering</i>	2024(5), 99–112. doi:10.21303/2461-4262.2024.003453
10.	Brusylovska, O.	Russian narratives of the war in Ukraine as reflected in the Serbian and Polish press	<i>European Political Science</i>	doi:10.1057/s41304-024-00479-4
11.	Brusylovska, O., Maistrenko, I.	Russia's regional policy: unlearned lessons of local conflicts	<i>Evropsky Politicky a Pravni Diskurz</i>	11(2), 5–15. doi:10.46340/eppd.2024.11.2.1
12.	Bulat, N.	Protection of non-original objects generated by artificial intelligence: the Ukrainian copyright law approach	<i>International Journal of Law and Information Technology</i>	32(1), Article eaee010. doi:10.1093/ijlit/eaee010
13.	Chentsov, Y.	The problem of the attribution of burials of medieval nomads on the territory of the Ukrainian steppe on the example of three burials from the Novosilsky kurgan complex	<i>Cercetari Arheologice</i>	31(1), 249–260. doi:10.46535/ca.31.1.16
14.	Chubyk, I. Y., Chebotar, S. V.	Microsatellite analysis of the genetic diversity of mussels from the North-Western region of the Black Sea	<i>Hydrobiological Journal</i>	60(1), 54–68. doi:10.1615/HydrobJ.v60.i1.40
15.	Eingorn, M., Yilmaz, E., Emrah Yükselci, A., Zhuk, A.	Mass density vs. energy density at cosmological scales	<i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>	851, Article 138564. doi:10.1016/j.physletb.2024.138564
16.	Eingorn, M., Yilmaz, E., Yükselci, A. E., Zhuk, A.	Suppression of matter density growth at scales exceeding the cosmic screening length	<i>Journal of Cosmology and Astroparticle Physics</i>	2024(5), Article 83. doi:10.1088/1475-7516/2024/05/083
17.	Gerasimiuk, V. P.	Algological studies of microphytobenthos in the northwestern part of the Black Sea	<i>International Journal on Algae</i>	26(4), 393–407. doi:10.1615/InterJAlgae.v26.i4.70
18.	Gerasimyuk, V. P., Ryzhko, I. L., Gerasimyuk, N. V.	Microphytobenthos of water bodies of some islands of the Indian Ocean	<i>Hydrobiological Journal</i>	60(5), 19–29. doi:10.1615/HydrobJ.v60.i5.20
19.	Ghosh, B., Daniel, A., Gorzkowski, B., Bekshaev, A. Y., Lapkiewicz, R., Bliokh, K. Y.	Canonical and Poynting currents in propagation and diffraction of structured light: tutorial	<i>Journal of the Optical Society of America B: Optical Physics</i>	41(6), 1276–1289. doi:10.1364/JOSA B.522393
20.	Godunova, V. G., Simon, A. O., Markus, Y. S., Shugarov, S. Y., Troianskyi, V. V., Reshetnyk, V. M., ... Tomko, D.	Photometric and colorimetric studies of target objects using small and medium-size telescopes	<i>Contributions of the Astronomical Observatory Skalnaté Pleso</i>	54(2), 205–212. doi:10.31577/CAOSP.2024.54.2.205
21.	Gudzenko, O. V., Shtenikov, M. D., Varbanets, L. D., Ivanytsia, V. O.	Influence of cultivation temperature on activity of proteolytic enzymes of bacteria isolated from the deep-water bottom sediments of the Black Sea	<i>Hydrobiological Journal</i>	60(4), 95–103. doi:10.1615/HydrobJ.v60.i4.70

22.	Gudzenko, O. V., Varbanets, L. D., Ivanytsia, V. O., Shtenikov, M. D.	Representatives of <i>Bacillus</i> from deep-water bottom sediments of the Black Sea — producers of elastases, fibrin(ogen)ases, and collagenases	<i>Mikrobiolohichni Zhurnal</i>	86(3), 51–57. doi:10.15407/microbiolj86.03.051
23.	Gudzenko, O. V., Varbanets, L. D., Seifullina, I. I., Martsynko, O. E., Buchko, O. V., Afanasenko, E. V., Chebanenko, O.	Modification of <i>Bacillus</i> sp. IMV B-7883 elastase activity by the heterometallic carboxylatogermanates/stannates	<i>Mikrobiolohichni Zhurnal</i>	86(4), 33–40. doi:10.15407/microbiolj86.04.033
24.	Gudzenko, O. V., Varbanets, L. D., Seifullina, I. I., Martsynko, O. E., Tsymbalyuk, K. K.	Mixed-ligand complexes of germanium – 3d-metal with 1-hydroxyethane-1,1-diphosphonic acid and 2,2'-bipyridine as modulators of <i>Bacillus</i> sp. IMV B-7883 elastase and fibrinogenase activity	<i>Ukrainian Biochemical Journal</i>	96(1), 96–102. doi:10.15407/ubj96.01.096
25.	Hammood, N. H., Kadhim, F. A., Al-Gu faili, M. K., Azooz, E. A., Snigur, D.	A comparative review of solidified floating organic drop microextraction methods for metal separation: recent developments, enhanced co-factors, challenges, and environmental assessment	<i>Critical Reviews in Analytical Chemistry</i>	doi:10.1080/10408347.2024.2366939
26.	Horbachova, A. S., Bazyey, O. A.	From the launch of the first satellite to the global problem of space debris	<i>Astronomical and Astrophysical Transactions</i>	34(1), 11–26. doi:10.17184/eac.8362
27.	Hulak, B. S., Leonchik, Y. Y., Snigiriev, S. M., Chashchyn, O. K.	State of the commercial stock of rapa whelk <i>Rapana venosa</i> in the coastal zone of the northwestern section of the Black Sea	<i>Hydrobiological Journal</i>	60(4), 38–56. doi:10.1615/HydrobJ.v60.i4.30
28.	Hutsaliuk, O., Tsaturian, R., Kalinin, O., Gedz, M., Buhaieva, M., Kramskyi, S., Navolokina, A.	Technological synergy of engineering integrating in digitalization economy, nanotechnology and intelligent digital marketing for corporate enterprises in provisions of their economic security	<i>Nanotechnology Perceptions</i>	20(S8: Digital Security and Data Protection Technologies), 348–366. doi:10.62441/nano-ntp.v20iS8.28
29.	Kalinichenko, O., Yelesina, M., Smyrnska, N., Syniavska, O., Zlobina, O.	On the activities of the Odesa branch of the Ukrainian Submarine Navigation School	<i>Scientific Herald of Uzhhorod University. Series Physics</i>	(55), 2754–2760. doi:10.54919/physics/55.2024.275k14
30.	Kalko, K., Dukhnich, N., Mishchenko, O., Khomenko, V., Toziuk, O.	Možnosti využití komplexní farmaceutické kompozice pro farmakologickou korekci metabolického syndromu	<i>Ceska a Slovenska Farmacie : casopis Ceske farmaceuticke spolecnosti a Slovenske farmaceuticke spolecnosti</i>	72(6), 288–296.
31.	Khoma, N., Nikolaieva, M.	Assessing the peacebuilding institutional capacity of sport in armed state conflicts	<i>Journal of Physical Education and Sport</i>	24(5), Article 138, 1198–1204. doi:10.7752/jpes.2024.05138
32.	Khoma, N., Nikolaieva, M., Kliachyn, A.	Solidarity as a principle and a value: problems of practical implementation in EU energy policy	<i>Evropsky Politicky a Pravni Diskurz</i>	11(2), 16–27. doi:10.46340/eppd.2024.11.2.2

33.	Khoma, R., Baumer, V., Tsapko, M., Fed'ko, N., Vodzinskii, S., Ishkov, Y., Gelmboldt, V.	Sulfite esters as products of the interaction in sulfur dioxide-alkanol-tris(hydroxymethyl)amino methane systems	<i>Journal of Sulfur Chemistry</i>	45(3), 395–407. doi:10.1080/17415993.2024.2322126
34.	Khoma, R. E., Bienkovska, T. S., Tsyganenko, K. V., Karych, A. M., Kononchenko, A. R	Acid-base and electrochemical behavior of monoethanolamine (polyethylenepolyamine) – citric acid – water solutions	<i>Journal of Chemistry and Technologies</i>	32(1), 30–42. doi:10.15421/jchemtech.v32i1.292412
35.	Kiose, T., Rakitskaya, T., Truba, A.	Nanocatalyst for carbon monoxide oxidation based on palladium(II), copper(II) salts, and carbon fiber material	<i>Molecular Crystals and Liquid Crystals</i>	768(2), 9–20. doi:10.1080/15421406.2023.2235867
36.	Komleva, T., Plotnikov, A., Skripnik, N.	Some properties of the solutions of a linear set-valued differential equation in the space $\text{conv}(\mathbb{R}^2)$	<i>Journal of Mathematical Sciences (United States)</i>	279(3), 363–383. doi:10.1007/s10958-024-07019-x
37.	Kononenko, O., Ivanchenko, A., Gaivoronska, T., Khitrova, T., Semenko, S., Kuzmin, V.	Psychological and social-communication aspects of HR management career in wartime, including stress, motivation, will and efficiency of working conditions	<i>Revista de Cercetare si Interventie Sociala</i>	84, 206–223. doi:10.33788/rcis.84.14
38.	Koshkin, N., Shakun, L., Korobeynikova, E., Melikyants, S., Strakhova, S., Dragomiretsky, V., ... Golubovskaya, T.	Determination of the spacecraft's spin axis orientation. Photometric patterns method	<i>Advances in Space Research</i>	doi:10.1016/j.asr.2024.08.038
39.	Kovtyukh, V. V., Andrievsky, S. M., Werner, K., Korotin, S. A., Kniazev, A. Y.	Lithium Cepheid V708 Car with an unusual chemical composition	<i>Astronomy and Astrophysics</i>	684, Article A145. doi:10.1051/0004-6361/202348751
40.	Kozub, N., Pascual, L., Sobko, T., Chebotar, S., Metakovsky, E.	Genotypes of common wheat cultivars Bredin south Ukraine can be easily distinguished from any other wheat genotypes	<i>Journal of Cereal Science</i>	117, Article 103916. doi:10.1016/j.jcs.2024.103916
41.	Kruglov, V. E.	Christoffel–Darboux formula for polynomial eigenfunctions of second-order linear differential equations	<i>Differential Equations</i>	60(4), 436–444. doi:10.1134/S0012266124040037
42.	Kruglov, V. E.	Conditions for the existence of power solutions to a linear difference equation with constant coefficients	<i>Russian Mathematics</i>	68(4), 17–27. doi:10.3103/S1066369X24700245
43.	Kulikov, O. A., Mehmood, A., Vodzinsky, S.	Supramolecular blends of C-alkylpyrogallo[4]arenes and polytetrahydrofurans	<i>Results in Chemistry</i>	11, Article 101804. doi:10.1016/j.rechem.2024.101804

44.	Kulish, D., Khudolei, V., Churkina, I., Kirtoka, R., Prykhodko, B., Kuznyetsov, O.	Development and implementation of the financial model of export in the context of strategic planning of foreign economic activity of enterprises	<i>Financial and Credit Activity: Problems of Theory and Practice</i>	1(54), 216–230. doi:10.55643/fcaptop.1.54.2024.4268
45.	Kvach, Y., Kutsokon, Y., Bakuma, A., Chebotar, S., Demchenko, V., Didenko, A., ... Yuryshynets, V.	Parasite and genetic diversity of big-scale sand smelt (<i>Atherina boyeri</i> Risso, 1810) populations in their natural and expansion ranges in Ukraine	<i>Parasitology Research</i>	123(3), Article 154. doi:10.1007/s00436-024-08174-5
46.	Latysh, A., Kichmarenko, O.	Optimal control of functional-differential equations of parabolic type in Banach spaces	<i>Journal of Mathematical Sciences (United States)</i>	278(6), 1034–1054. doi:10.1007/s10958-024-06983-8
47.	Lepikh, Y. I., Doycho, I. K.	Hysteresis in resistance isotherms as a function of moisture for porous glass with conductive nanoparticles	<i>Functional Materials</i>	31(2), 293–295. doi:10.15407/fm31.02.293
48.	Lobanova, M.	New data on the dating of the Trypillia settlement ‘Berezivska HES’	<i>Eminak</i>	(1(45)), 46–60. doi:10.33782/eminak2024.1(45).691
49.	Makarenko, O. A., Sidletskiy, O. S., Khodakov, I. V.	The state of the liver, reproductive and musculoskeletal systems in female rats with prolonged exposure to α -cypermethrin	<i>Regulatory Mechanisms in Biosystems</i>	15(2), 235–244. doi:10.15421/022435
50.	Makhachashvili, R., Semenist, I., Prihodko, G., Kolegaeva, I., Prykhodchenko, O., Tupakhina, O.	Interdisciplinary digital skills development for educational communication: emergency and AI-enhanced digitization	Proceedings 15th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2024	15th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2024 Virtual, Online, 26–29 March 2024 (Vol. 2024–March, pp. 281–285). doi:10.54808/IMCIC2024.01.281
51.	Maksymenko, I., Grabina, G.	The impact of Russia’s propaganda on security perceptions in Romania and Bulgaria	<i>European Political Science</i>	doi:10.1057/s41304-024-00478-5
52.	Malomuzh, N. P., Gotsulskiy, V. Y., Naburalna, V. P.	Density dependence for the dielectric permittivity of simple gases and liquids	<i>Journal of Molecular Liquids</i>	408, Article 125295. doi:10.1016/j.molliq.2024.125295
53.	Malynovskyi, A.	The historical matrices of suggestive writing of Oleksa Storozhenko: between aesthetics and ideology	<i>Przegląd Wschodnioeuropejski</i>	15(1), 275–290. doi:10.31648/pw.10193
54.	Malynovs’Kyi, A.	The emotional world of the colonial subject in the prose of Hryhorii Kvitka-Osnovianenko and Vasyl’ Narizhnyi: the phenomenon of resentment	<i>Studia Slavica Academiae Scientiarum Hungaricae</i>	doi:10.1556/060.2023.00113
55.	Martin, R. P., Kovtyukh, V. V., Andrievsky, S. M., Korotin, S. A.	Lithium-rich Cepheid V470 Cas	<i>Astronomy and Astrophysics</i>	683, Article L6. doi:10.1051/0004-6361/202349022

56.	Martinez de Morentin, P. B., Gonzalez, J. A., Dowsett, G. K. C., Martynova, Y., Yeo, G. S. H., Sylantsev, S., Heisler, L. K.	A brainstem to hypothalamic arcuate nucleus GABAergic circuit drives feeding	<i>Current Biology</i>	34(8), Article e1644, 1646–1656. doi:10.1016/j.cub.2024.02.074
57.	Martsynko, O., Nesterkina, M., Finik, O., Tsybaliuk, K., Dyakonenko, V., Shishkina, S., Kravchenko, I.	Synthesis and structure of a coordination polymer of Ni(II) with 2-(4-bromophenoxy)acetohydrazide	<i>MolBank</i>	2024(2), Article M1819. doi:10.3390/M1819
58.	Maslova, Y., Ulianova, V.	The impact of martial law in Ukraine on the motivation for studying among students at universities	<i>Youth Voice Journal</i>	14(3 Special issue), 129–139.
59.	Medinets, S., Leach, A. M., Pavlik, T., Medinets, V., Galloway, J. N.	The nitrogen footprint of Ukraine: why personal consumption matters	<i>Environmental Research Letters</i>	19(2), Article 024023. doi:10.1088/1748-9326/ad1e7d
60.	Medinets, S., Medinets, V., Mileva, A., Khitrych, V., Gordienko, O., Gazyetov, Y., ... Fedoriak, M.	Atmospheric deposition of nitrogen and sulphur in the Dniester catchment: the impact of war at a glance	<i>International Journal of Environmental Studies</i>	81(1), 250–259. doi:10.1080/00207233.2024.2314855
61.	Melkonyan, D., Sugathan, S.	Spatiotemporal variation and long-range correlation of groundwater levels in Odessa, Ukraine	<i>Water (Switzerland)</i>	16(1), Article 147. doi:10.3390/w16010147
62.	Melnychenko, O., Osadcha, T., Kalna-Dubinyuk, T.	Fuel price, income and road safety as determinants of the level of the population's economic well-being in Poland	AIP Conference Proceedings	2nd International Interdisciplinary Scientific Conference on Digitalization and Sustainability for Development Management: Economic, Social, and Environmental Aspects, London, 15–16 September 2022 (Vol. 3033, iss. 112, January 2024, Article 020010). doi:10.1063/5.0188477
63.	Miroshnichenko, A. S., Danford, S., Zharikov, S., Aarnio, A., Prendergast, P., Khokhlov, S. A., ... Usenko, I. A.	A variety of binary targets for small telescopes	<i>Contributions of the Astronomical Observatory Skalnaté Pleso</i>	54(2), 47–57. doi:10.31577/CAOSP.2024.54.2.47
64.	Mishenina, T., Pignatari, M., Usenko, I., Soubiran, C., Thielemann, F. K., Kniazev, A. Y., ... Gorbaneva, T.	Peculiarities of the chemical enrichment of metal-poor stars in the Milky Way Galaxy	<i>Astronomy and Astrophysics</i>	687, Article A229. doi:10.1051/0004-6361/202449816

65.	Mokhun, I., Galushko, Y., Viktorovskaya, Y., Karabchyivskiy, M., Bekshaev, A.	Transformations of the transverse Poynting vector distribution upon diffraction of a circularly polarized paraxial beam	<i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i>	41(3), 382–391. doi:10.1364/JOSAA.514186
66.	Moskovitz, N., Thomas, C., Pravec, P., Lister, T., Polakis, T., Osip, D., ... Villa, K.	Photometry of the Didymos system across the DART impact apparition	<i>Planetary Science Journal</i>	5(2), Article 35. doi:10.3847/PSJ/ad0e74
67.	Nazarenko, O., Stekhun, A., Yarovy, A.	The diffraction of elastic waves by spherical defects	<i>Surveys in Mathematics and its Applications</i>	19, 217–232.
68.	Orlovska, S. G., Zui, O. M.	Study of high-temperature heat-mass transfer of two-fraction gas suspensions and individual carbon particles in heated air	<i>Physics and Chemistry of Solid State</i>	25(2), 338–345. doi:10.15330/pcss.25.2.338-345
69.	Panchenko, B. E., Kovalev, Y., Kalinina, T. O., Saiko, I. N., Bukata, L. M.	Mathematical modeling in static three-dimensional boundary-value problems: a skew-symmetric problem for a layer weakened by a through hole with sliding end clamping	<i>Cybernetics and Systems Analysis</i>	60(1), 152–162. doi:10.1007/s10559-024-00656-9
70.	Panchenko, B. E., Kovalev, Y. D., Kalinina, T. O., Saiko, I. N., Bukata, L. M.	Mathematical modeling of a symmetric boundary-value problem for a layer weakened by a through hole with the ends covered with a diaphragm	<i>Cybernetics and Systems Analysis</i>	60(3), 489–495. doi:10.1007/s10559-024-00690-7
71.	Plokhikh, V., Kireieva, Z., Skoromna, M.	Emotional accompaniment of the organization of time perspective of forced Ukrainian migrants staying abroad	<i>Insight</i>	(11), 15–37. doi:10.32999/2663-970X/2024-11-2
72.	Plotnikov, A. V., Komleva, T. A., Skripnik, N. V.	Existence of basic solutions of first order linear homogeneous set-valued differential equations	<i>Matematychni Studii</i>	61(1), 61–78. doi:10.30970/ms.61.1.61-78
73.	Pozharytska, O., Morozova, I., Dolgusheva, O., Maslova, A., Nadolska, Y.	English-language digital literature/novel: its composition-communicative architectonics and features	<i>Multidisciplinary Science Journal</i>	6, Article e2024ss0216. doi:10.31893/multiscience.2024ss0216
74.	Safont, G., Villar-Hernández, R., Smalchuk, D., Stojanovic, Z., Marín, A., Lacomá, A., ... Domínguez, J.	Measurement of IFN- γ and IL-2 for the assessment of the cellular immunity against SARS-CoV-2	<i>Scientific Reports</i>	14(1), Article 1137. doi:10.1038/s41598-024-51505-w
75.	Samara, O., Zhylin, M., Mendelo, V., Akopian, A., Baku ridge, N.	The role of emotional intelligence in the diagnosis and psychotherapy of mental disorders: an analysis of practical approaches	<i>Georgian Medical News</i>	348(3), 47–53.

76.	Samburskyi, V. O., Malakhov, E. V.	Improving the survivability of a reconnaissance UAV swarm based on cellular automata	ACM International Conference Proceeding Series	10th International Conference on Computer Technology Applications, ICCTA 2024, Vienna, 15–17 May 2024 (pp. 310–315). doi:10.1145/3674558.3674603
77.	Secundant, S., Oriekhova, A.	Time and space in the philosophy of Leibniz. Part IV	<i>Sententiae</i>	43(1), 90–116. doi:10.31649/sent43.01.090
78.	Semysim, F. A., Hussain, B. K., Hussien, M. A., Azooz, E. A., Snigur, D.	Assessing the greenness and environmental friendliness of analytical methods: modern approaches and recent computational programs	<i>Critical Reviews in Analytical Chemistry</i>	doi:10.1080/10408347.2024.2304552
79.	Semysim, F. A., Ridha, R. K., Azooz, E. A., Snigur, D.	Switchable hydrophilicity solvent-assisted solidified floating organic drop microextraction for separation and determination of arsenic in water and fish samples	<i>Talanta</i>	272, Article 125782. doi:10.1016/j.talanta.2024.125782
80.	Serra, J., Marques-dos-Santos, C., Marinheiro, J., Cruz, S., Cameira, M. R., de Vries, W., ... Gamier, J.	Assessing nitrate groundwater hotspots in Europe reveals an inadequate designation of Nitrate Vulnerable Zones	<i>Chemosphere</i>	355, Article 141830. doi:10.1016/j.chemosphere.2024.141830
81.	Sharai, N., Shinkarenko, V.	Asymptotic behavior of same classes of solutions of the nonautonomous ordinary differential third order equations	<i>Memoirs on Differential Equations and Mathematical Physics</i>	91, 151–160.
82.	Shestopalov, K., Khliyeva, O., Ierin, V., Konstantinov, O., Khliiev, N., Neng, G., Kozminykh, M.	Novel marine ejector-compression waste heat-driven refrigeration system: technical possibilities and environmental advantages	<i>International Journal of Refrigeration</i>	158, 202–215. doi:10.1016/j.ijrefrig.2023.11.015
83.	Skribans, V., Maslii, N., Demianchuk, M.	Case study of grain export routes changes for Ukraine in 2022-2023	Engineering for Rural Development	23rd International Scientific Conference Engineering for Rural Development, ERDev 2024, Jelgava, 22–24 May 2024 (Vol. 23, 402–407). doi:10.22616/ERDev.2024.23.TF076
84.	Sosnytskyi, Y., Pidubna, O., Snigovska, O., Donets, I., Hlazunova, I.	The role of art and humanities in shaping cultural approach	<i>Multidisciplinary Reviews</i>	7(Special Issue), Article e2024spe049. doi:10.31893/multirev.2024spe049
85.	Spears, B. M., Harpham, Q., Brown, E., Barnett, C. L., Barwell, L., Collell, M. R., ... Wood, M. D.	A rapid environmental risk assessment of the Kakhovka Dam breach during the Ukraine conflict	<i>Nature Ecology and Evolution</i>	8(5), 834–836. doi:10.1038/s41559-024-02373-0

86.	Streltsova, Y. J., Streltsov, Y. L.	International and national legal protection of the civilian population during an armed conflict: the example of Ukraine	<i>Acta Universitatis Lodziensis. Folia Iuridica</i>	106, 223–234. doi:10.18778/0208-6069.106.14
87.	Subota, V. V., Petrov, S. A., Andrievsky, O. M.	Expression of lactate dehydrogenase in the Black Sea shrimp <i>Palaemon elegans</i>	<i>Hydrobiological Journal</i>	60(5), 69–75. doi:10.1615/HydrobJ.v60.i5.70
88.	Shvelidze, L., Karavaieva, T., Tomchakovska, Y.	How communication strategies influence conflict development: a case study of social networks	<i>Pakistan Journal of Life and Social Sciences</i>	22(2), 4257–4268. doi:10.57239/PJLSS-2024-22.2.00314
89.	Tarasiuk, Y.	Russian narratives in Turkey: historical background and propaganda in media	<i>European Political Science</i>	doi:10.1057/s41304-024-00480-x
90.	Tkachenko, F. P.	New discovery of the rare freshwater brown alga <i>Pleurocladia lacustris</i> A. Braun (Ectocarpales, Phaeophyceae) in Ukraine (the Khadzhybey Estuary)	<i>Hydrobiological Journal</i>	60(5), 30–34. doi:10.1615/HydrobJ.v60.i5.30
91.	Toptikov, V. A., Romanovska, I. I., Kovtun, O. O.	Proteolytic activity of enzymes in organs of the Black Sea mollusks	<i>Hydrobiological Journal</i>	60(2), 66–76. doi:10.1615/HydrobJ.v60.i2.50
92.	Trofimenko, M. Y., Bekshaev, A. Y., Ternovsky, V. B.	The structure of a gas flame and the mechanism of the flame front formation	Proceedings of SPIE - The International Society for Optical Engineering	16th International Conference on Correlation Optics, COR 2023, Chernivtsi, 18–21 September 2023 (Vol. 129382024, Article 129382E). doi:10.1117/12.3015614
93.	Troianskyi, V., Godunova, V., Serebryanskiy, A., Aimanova, G., Franco, L., Marchini, A., ... Khlamov, S.	Optical observations of the potentially hazardous asteroid (4660) Nereus at opposition 2021	<i>Icarus</i>	420, Article 116146. doi:10.1016/j.icarus.2024.116146
94.	Truba, H., Goncharenko, M., Sobko, G., Kostina, L., Krasilova, Y.	Ethical requirements and boundaries of conduct for educators in the digital environment: neuro linguistic foundations	<i>Neuropsychiatria i Neuropsychologia</i>	19(1–2), 40–47. doi:10.5114/nan.2024.141888
95.	Truba, H., Khrapatyi, S., Harashchuk, K., Shvets, D., Proskurnia, A.	Psycholinguistic underpinnings of image formation: suggestion and manipulation in the educational network discourse	<i>Thinking Skills and Creativity</i>	52, Article 101496. doi:10.1016/j.tsc.2024.101496
96.	Truba, H., Klymkova, I., Proskurnia, A., Krasilova, Y. M., Ulishchenko, V. V.	Psycholinguistic matrix of image formation: case study of educational network discourse	<i>Salud, Ciencia y Tecnologia - Serie de Conferencias</i>	3, Article 690. doi:10.56294/sctconf2024690
97.	Tyurin, A. V., Zhukov, S. A., Akhmerov, A. Y.	Luminescent monitoring the state of dichroic complexes in polaroids based on polyvinyl alcohol	<i>Low Temperature Physics</i>	50(1), 21–23. doi:10.1063/10.0023886
98.	Tyurin, A. V., Zhukov, S. A., Akhmerov, A. Y.	Luminescent monitoring the state of dichroic complexes in polaroids based on polyvinyl alcohol	<i>Fizika Nizkikh Temperatur</i>	50(1), 24–26.

99.	Tyurin, A. V., Zhukov, S. A., Bekshaev, A. Y.	Mechanisms of spectral sensitization of microsystems core AgBr shell	Proceedings of SPIE - The International Society for Optical Engineering	16th International Conference on Correlation Optics, COR 2023, Chernivtsi, 18–21 September 2023 (Vol. 129382024, Article 129381N). doi:10.1117/12.3014219
100.	Vaisfeld, N. D., Protserov, Y. S., Tolkachov, A. V.	Axisymmetric problem of vibrations of circular or ring punch on elastic half-space*	<i>International Applied Mechanics</i>	60(3), 313–322. doi:10.1007/s10778-024-01284-8
101.	Vaysfeld, N., Zhuravlova, Z.	The poroelastic layer with an axisymmetric cylindrical hole under different types of loading	<i>Acta et Commentationes Universitatis Tartuensis de Mathematica</i>	28(1), 131–140. doi:10.12697/ACUTM.2024.28.09
102.	Vaysfeld, N. D., Zhuravlova, Z. Y.	Contact problem for finite poroelastic cylinder: exact analysis	<i>International Applied Mechanics</i>	60(2), 243–252. doi:10.1007/s10778-024-01278-6
103.	Vaysfeld, N. D., Zhuravlova, Z. Y.	Response of a poroelastic semi-infinite strip to the compression acting upon its lateral sides	<i>Journal of Mathematical Sciences (United States)</i>	282(5), 849–861. doi:10.1007/s10958-024-07220-y
104.	Vieilandie, L., Soloveichuk, O., Petryk, L., Kosharna, N., Dzhurylo, A.	Strategies for developing hard skills in higher education students through innovative pedagogical technologies in realistic professional environments	<i>Salud, Ciencia y Tecnologia - Serie de Conferencias</i>	3, Article 1147. doi:10.56294/sctconf20241147
105.	von Raab-Straube, E., Raus, T., Baranovsky, B., Bergmeier, E., Bilyk, O., Borovyk, D., ... Yevseyenkov, P. E.	Euro+Med-Checklist Notulae, 17	<i>Willdenowia</i>	54(1), 5–45. doi:10.3372/wi.54.54101
106.	Voytseva, O., Demianenko, N.	Anthropocentric character of phraseological euphemisms in the Slavic languages	<i>Ezиков Svyat</i>	22(1), 32–45. doi:10.37708/ezs.swu.bg.v22i1.3
107.	Yanko, V., Kadurin, V., Kravchuk, A., Kondariuk, T., Kulakova, I., Dikol, O., Kadurin, S.	Influence of methane and other hydrocarbon gases on foraminifera and nematodes in the Northwestern part of the Black Sea	<i>Marine Environmental Research</i>	193, Article 106285. doi:10.1016/j.marenvres.2023.106285
108.	Zhukovetska, O., Fizer, M., Marychuk, R., Guzenko, O., Snigur, D.	Spectrophotometric and DFT study of Germanium(IV) interaction with 6,7-dihydroxy-2,4-diphenyl-1-benzopyran-1-ium bromide in solutions: room-temperature cloud point extraction and its analytical application	<i>Journal of Molecular Liquids</i>	401, Article 124724. doi:10.1016/j.molliq.2024.124724
109.	Zhukovetska, O. M., Guzenko, O. M., Shcherbakova, T. M., Arabadji, M. V., Snigur, D. V.	Graphite furnace atomic absorption determination of Ge(IV) after its cloud point extraction	<i>Journal of Chemistry and Technologies</i>	32(1), 83–88. doi:10.15421/jchemtech.v32i1.296398
110.	Zhuravlova, Z.	Method of inversion of Laplace transform in some problems of dynamic elasticity	Springer Proceedings in Mathematics and Statistics	16th International Conference on Dynamical Systems Theory and Applications, DSTA 2021, Łódź, 6–9 December 2021 (Vol. 454, pp. 777–805). doi:10.1007/978-3-031-56496-3_49

111.	Zhuravlova, Z., Istenes, I., Peck, D., Protserov, Y., Vaysfeld, N.	Hidden ring crack in a rotating hollow cylinder under torsion	<i>International Journal of Engineering Science</i>	194, Article 103976. doi:10.1016/j.ijengsci.2023.103976
112.	Zhylin, M., Mendelo, V., Kyrylishyna, M., Kazachuk, O., Tolmachov, O.	Enhancing mental health through strategies for the development of emotional intelligence	<i>South Eastern European Journal of Public Health</i>	23(1), 327–340. doi:10.70135/seejph.vi.710
113.	Zhylin, M., Smokova, L., Mendelo, V., Koval, H., Zelenko, O.	The impact of emotional intelligence on the psycholinguistic peculiarities of speech	<i>Multidisciplinary Science Journal</i>	6(5), Article e2024061. doi:10.31893/multiscience.2024061
114.	Zinchenko, V. F., Magunov, I. R., Volchak, G. V., Mazur, O. S., Ierimin, O. H., Kuleshov, S. V., ... Babenko, A. V.	Sulfidation of zinc oxide by interaction with antimony sulfide	<i>Physics and Chemistry of Solid State</i>	25(2), 399–405. doi:10.15330/pcss.25.2.399-405

WEB OF SCIENCE CORE COLLECTION

1.	Akischeva, A., Larionov, V., Golovenko, M., Makarenko, O., Valivodz, I., Borysiuk, I., Molodan, Y.	In silico exploration of antinociceptive activity of 1,4-benzodiazepines: molecular docking on $\alpha 1$ A-adrenoceptor, and phosphodiesterase 4	<i>Regulatory Mechanisms in Biosystems</i>	15(2), 327–336. doi:10.15421/022447
2.	Angelsky, O., Bekshaev, A., Maksimyak, P., Mokhun, I., Zenkova, C., Gotsulskiy, V., ... Zheng, J.	Correlation and singular optics for diagnostics of structured light and condensed matter: time-stationary and spatio-temporal approaches	<i>Frontiers in Physics</i>	12, Article 1383256. doi:10.3389/fphy.2024.1383256
3.	Bobok, I., Kobozeva, A.	Development of the theoretical approach based on matrix theory for analyzing the state of information security systems	<i>Problemele Energeticii Regionale</i>	(3), 29–43. doi:10.52254/1857-0070.2024.3-63.03
4.	Brusylovska, O.	Russian narratives of the war in Ukraine as reflected in the Serbian and Polish press	<i>European Political Science</i>	doi:10.1057/s41304-024-00479-4
5.	Bulat, N.	Protection of non-original objects generated by artificial intelligence: the Ukrainian copyright law approach	<i>International Journal of Law and Information Technology</i>	32(1), Article eaae010. doi:10.1093/ijlit/eaae010
6.	Bulavin, L., Kulich, M., Gavryushenko, D., Gotsulskiy, V., Dmytrenko, O., Doroshenko, I., ... Prokopenko, V.	Mykola Ivanovych Lebovka (on his 70 th birthday)	<i>Ukrainian Journal of Physics</i>	69(5), 362–363. doi:10.15407/ujpe69.5.362

7.	Chystovska, Y., Kernas, A., Kulesha-Liubinets, M., Kovalenko, N., Fedorenko, M., Medianova, O.	Communication techniques in psychological and pedagogical counseling in the context of the cognitive- behavioral approach	<i>BRAIN–Broad Research in Artificial Intelligence and Neuroscience</i>	15(2), 82–93. doi:10.18662/brain/15.2/565
8.	de Morentin, P., Gonzalez, J., Dowsett, G., Martynova, Y., Yeo, G., Sylantyev, S., Heisler, L.	A brainstem to hypothalamic arcuate nucleus GABAergic circuit drives feeding	<i>Current Biology</i>	34(8). doi:10.1016/j.cub.2024.02.074
9.	Dovgoplova, O.	Cosmopolitan spaces in Odesa. A case studies of an urban context	<i>Slavic and East European Journal</i>	68(1).
10.	Eingorn, M., Yilmaz, E., Yükselci, A., Zhuk, A.	Mass density vs. energy density at cosmological scales	<i>Physics Letters B</i>	851, Article 138564. doi:10.1016/j.physletb.2024.138564
11.	Eingorn, M., Yilmaz, E., Yükselci, A., Zhuk, A.	Suppression of matter density growth at scales exceeding the cosmic screening length	<i>Journal of Cosmology and Astroparticle Physics</i>	2024(5), Article 83. doi:10.1088/1475-7516/2024/05/083
12.	El Hadri, Y., Berlinskyi, M., Slizhe, M., Holovchenko, K.	Influence of the sea surface temperature of equatorial Pacific Ocean on the tropical cyclones activity	<i>Visnyk of V. N. Karazin Kharkiv National University–Series Geology Geography Ecology</i>	(60), 284–291. doi:10.26565/2410-7360-2024-60-20
13.	Ghosh, B., Daniel, A., Gorzowski, B., Bekshaev, A., Lapkiewicz, R., Bliokh, K.	Canonical and Poynting currents in propagation and diffraction of structured light: tutorial	<i>Journal of the Optical Society of America B– Optical Physics</i>	41(6), 1276–1289. doi:10.1364/JOSAB.522393
14.	Godunova, V., Simon, A., Markus, Y., Shugarov, S., Troianskyi, V., Reshetnyk, V., ... Tomko, D.	Photometric and colorimetric studies of target objects using small and medium-size telescopes	<i>Contributions of the Astronomical Observatory Skalnaté Pleso</i>	54(2), 205–212. doi:10.31577/caosp.2024.54.2.205
15.	Hammood, N., Kadhim, F., Al-Gu faili, M., Azooz, E., Snigur, D.	A comparative review of solidified floating organic drop microextraction methods for metal separation: recent developments, enhanced co- factors, challenges, and environmental assessment	<i>Critical Reviews in Analytical Chemistry</i>	doi:10.1080/10408347.2024.2366939
16.	Hanhan, Yu., Yang, Y., Porpulis, O., Melnichuk, I. Synitska, T.	A study of cyber-addictions in Ukrainian youth	<i>Amazonia Investiga</i>	13(78), 124–133. doi:10.34069/AI/2024.78.06.11
17.	Hryshyna, Y., Borychenko, K., Potopakhina, O.	Contracts in labor law: foreign legislative experience	<i>Journal of Law and Political Sciences</i>	41(2), 233–252.
18.	Ivanytska, N., Koliasa, O., Kovalevska, T., Matsera, O., Tkachuk, T.	Analyzing the possibilities of implementation of AI and social networks in teaching foreign language students: Ukrainian universities case study	<i>Arab World English Journal</i>	Special Issue on ChatGPT, April 2024, 306–318. doi:10.24093/awej/ChatGPT.21

19.	Kadurin, V. M.	Review of the two-volume "History of Mineralogy in Ukraine" V.I Pavlyshyn, O.I Matkovskiy, S.O. Dovhyi	<i>Mineralogical Journal–Ukraine</i>	46(1), 96–98.
20.	Kalbus, O., Makarov, S., Nefodov, O.	Prognosis of neurological disorders in patients with systemic lupus erythematosus	<i>World of Medicine and Biology</i>	8(2), 67–71. doi:10.26724/2079-8334-2024-2-88-67-71
21.	Khavula, R., Chuyko, O., Rodina, N., Korniienko, I., Bogdan, Z., Kichuk, A.	Stress resistance of personality in the conditions of organizational culture in Ukraine. Specific dependent phenomena	<i>BRAIN–Broad Research in Artificial Intelligence and Neuroscience</i>	15(2), 175–190. doi:10.18662/brain/15.2/571
22.	Khoma, R., Baumer, V., Tsapko, M., Fed'ko, N., Vodzinskii, S., Ishkov, Y., Gelmboldt, V.	Sulfite esters as products of the interaction in sulfur dioxide – alkanol – tris(hydroxymethyl)amino methane systems	<i>Journal of Sulfur Chemistry</i>	45(3), 395–407. doi:10.1080/17415993.2024.2322126
23.	Khoma, R., Bienkovska, T., Tsyganenko, K., Karych, A., Kononchenko, A.	Acid-base and electrochemical behavior of monoethanolamine (polyethylenepolyamina) – citric acid – water solutions	<i>Journal of Chemistry and Technologies</i>	32(1), 30–42. doi:10.15421/jchemtech.v32i1.292412
24.	Kiose, T., Rakitskaya, T., Truba, A.	Nanocatalyst for carbon monoxide oxidation based on palladium(II), copper(II) salts, and carbon fiber material	<i>Molecular Crystals and Liquid Crystals</i>	768(2), 9–20. doi:10.1080/15421406.2023.2235867
25.	Klymenko, I., Tverdokhlib, N., Zlobin, O., Karachynskiy, O., Kononenko, O.	PTSD in military personnel: diagnosis, treatment and support	<i>Amazonia Investiga</i>	13(74), 286–298. doi:10.34069/AI/2024.74.02.24
26.	Komleva, T., Plotnikov, A., Skripnik, N.	Some properties of solutions of a linear set-valued differential equation with conformable fractional derivative	<i>CUBO–A Mathematical Journal</i>	26(2), 191–215. doi:10.56754/0719-0646.2602.191
27.	Kovtyukh, V., Andrievsky, S., Werner, K., Korotin, S., Kniazhev, A.	Lithium Cepheid V708 Car with an unusual chemical composition	<i>Astronomy & Astrophysics</i>	684, Article A145. doi:10.1051/0004-6361/202348751
28.	Kozub, N., Pascual, L., Sobko, T., Chebotar, S., Metakovsky, E.	Genotypes of common wheat cultivars Bred in south Ukraine can be easily distinguished from any other wheat genotypes	<i>Journal of Cereal Science</i>	117, Article 103916. doi:10.1016/j.jcs.2024.103916
29.	Kruglov, V.	Christoffel-Darboux formula for polynomial eigenfunctions of second-order linear differential equations	<i>Differential Equations</i>	60(4), 436–444. doi:10.1134/S0012266124040037
30.	Kruglov, V.	Conditions for the existence of power solutions to a linear difference equation with constant coefficients	<i>Russian Mathematics</i>	68(4), 17–27. doi:10.3103/S1066369X24700245

31.	Kulish, D., Khudolei, V., Churkina, I., Kirtoka, R., Prykhodko, B., Kuznyetsov, O.	Development and implementation of the financial model of export in the context of strategic planning of foreign economic activity of enterprises	<i>Financial and Credit Activity—Problems of Theory and Practice</i>	1(54), 216–230. doi:10.55643/fcaptp.1.54.2024.4268
32.	Kvach, Y., Kutsokon, Y., Bakuma, A., Chebotar, S., Demchenko, V., Didenko, A., ... Yuryshynets, V.	Parasite and genetic diversity of big-scale sand smelt (<i>Atherina boyeri</i> Risso, 1810) populations in their natural and expansion ranges in Ukraine	<i>Parasitology Research</i>	123(3), Article 154. doi:10.1007/s00436-024-08174-5
33.	Lepikh, Y., Doycho, I.	Hysteresis in resistance isotherms as a function of moisture for porous glass with conductive nanoparticles	<i>Functional Materials</i>	31(2), 293–295. doi:10.15407/fm31.02.293
34.	Lobanova, M	New data on the dating of the Trypillia settlement 'Berezivska HES'	<i>Eminak</i>	(1(45)), 46–60. doi:10.33782/eminak2024.1(45).691
35.	Makarenko, O., Sidlets'kiy, O., Khodakov, I.	The state of the liver, reproductive and musculoskeletal systems in female rats with prolonged exposure to α -cypermethrin	<i>Regulatory Mechanisms in Biosystems</i>	15(2), 235–244. doi:10.15421/022435
36.	Maksymenko, I., Grabina, G.	The impact of Russia's propaganda on security perceptions in Romania and Bulgaria	<i>European Political Science</i>	doi:10.1057/s41304-024-00478-5
37.	Malomuzh, N., Gotsul'skiy, V., Naburalna, V.	Density dependence for the dielectric permittivity of simple gases and liquids	<i>Journal of Molecular Liquids</i>	408, Article 125295. doi:10.1016/i.molliq.2024.125295
38.	Marieiev, D., Miniailo, R., Martin, O., Tretyak, N., Moiseienko, N.	Use of onomastic material in the educational space	<i>Amazonia Investiga</i>	13(75), 67–79. doi:10.34069/AI/2024.75.03.6
39.	Martin, R., Kovtyukh, V., Andrievsky, S., Korotin, S.	Lithium-rich Cepheid V470 Cas	<i>Astronomy & Astrophysics</i>	683, Article L6. doi:10.1051/0004-6361/202349022
40.	Martsynko, O., Nesterkina, M., Finik, O., Tsybaliuk, K., Dyakonenko, V., Shishkina, S., Kravchenko, I.	Synthesis and structure of a coordination polymer of Ni(II) with 2-(4-bromophenoxy)acetohydrazide	<i>MolBank</i>	2024(2), Article M1819. doi:10.3390/M1819
41.	Medinets, S., Leach, A., Pavlik, T., Medinets, V., Galloway, J.	The nitrogen footprint of Ukraine: why personal consumption matters	<i>Environmental Research Letters</i>	19(2), Article 024023. doi:10.1088/1748-9326/ad1e7d
42.	Melkonyan, D., Sugathan, S.	Spatiotemporal variation and long-range correlation of groundwater levels in Odessa, Ukraine	<i>Water</i>	16(1), Article 147. doi:10.3390/w16010147

43.	Miroshnichenko, A., Danford, S., Zharikov, S., Aarnio, A., Prendergast, P., Khokhlov, S., ... Usenko, I.	A variety of binary targets for small telescopes	<i>Contributions of the Astronomical Observatory Skalnaté Pleso</i>	54(2), 47–57. doi:10.31577/caosp.2024.54.2.47
44.	Mishenina, T., Pignatari, M., Usenko, I., Soubiran, C., Thielemann, F., Kniazev, A., ... Gorbaneva, T.	Peculiarities of the chemical enrichment of metal-poor stars in the Milky Way Galaxy	<i>Astronomy & Astrophysics</i>	687, Article A229. doi:10.1051/0004-6361/202449816
45.	Mokhun, I., Galushko, Y., Viktorovskaya, Y., Karabchyivskiy, M., Bekshaev, A.	Transformations of the transverse Poynting vector distribution upon diffraction of a circularly polarized paraxial beam	<i>Journal of the Optical Society of America A– Optics Image Science and Vision</i>	41(3), 382–391. doi:10.1364/JOSAA.514186
46.	Moskovitz, N., Thomas, C., Pravec, P., Lister, T., Polakis, T., Osip, D., ... Villa, K.	Photometry of the Didymos system across the DART impact apparition	<i>Planetary Science Journal</i>	5(2), Article 35. doi:10.3847/PSJ/ad0e74
47.	Orlovska, S., Zui, O.	Study of high-temperature heat-mass transfer of two- fraction gas suspensions and individual carbon particles in heated air	<i>Physics and Chemistry of Solid State</i>	25(2), 338–345. doi:10.15330/pcss.25.2.338-345
48.	Panchenko, B. E., Kovalev, Y., Kalinina, T. O., Saiko, I. N., Bukata, L. M.	Mathematical modeling in static three-dimensional boundary-value problems: a skew-symmetric problem for a layer weakened by a through hole with sliding end clamping	<i>Cybernetics and Systems Analysis</i>	60(1), 152–162. doi:10.1007/s10559-024-00656-9
49.	Panchenko, B., Kovalev, Y., Kalinina, T., Saiko, I., Bukata, L.	Mathematical modeling of a symmetric boundary-value problem for a layer weakened by a through hole with the ends covered with a diaphragm	<i>Cybernetics and Systems Analysis</i>	60(3), 489–495. doi:10.1007/s10559-024-00690-7
50.	Prykhodko, A., Malakhov, E.	Determining object oriented design complexity due to the identification of classes of open-source Web applications created using PHP frame works	<i>Radio Electronics Computer Science Control</i>	(2), 160–166. doi:10.15588/1607-3274-2024-2- 16
51.	Romanova, K.	The introduction	<i>Interdisciplinary Literary Studies</i>	26(2), 141–144. doi:10.5325/intelitestud.26.2.0141
52.	Semysim, F., Hussain, B., Hussien, M., Azooz, E., Snigur, D.	Assessing the greenness and environmental friendliness of analytical methods: modern approaches and recent computational programs	<i>Critical Reviews in Analytical Chemistry</i>	doi:10.1080/10408347.2024.23045 52

53.	Semysim, F., Ridha, R., Azooz, E., Snigur, D.	Switchable hydrophilicity solvent-assisted solidified floating organic drop microextraction for separation and determination of arsenic in water and fish samples	<i>Talanta</i>	272, Article 125782. doi:10.1016/j.talanta.2024.125782
54.	Sharai, N., Shinkarenko, V.	Asymptotic behaviour of same classes of solutions of the nonautonomous ordinary differential third order equations	<i>Memoirs on Differential Equations and Mathematical Physics</i>	91, 151–160.
55.	Spears, B., Harpham, Q., Brown, E., Barnett, C., Barwell, L., Collell, M., ... Wood, M.	A rapid environmental risk assessment of the Kakhovka Dam breach during the Ukraine conflict	<i>Nature Ecology & Evolution</i>	8(5), 834–836. doi:10.1038/s41559-024-02373-0
56.	Troianskyi, V., Godunova, V., Serebryanskiy, A., Aimanova, G., Franco, L., Marchini, A., ... Khlamov, S.	Optical observations of the potentially hazardous asteroid (4660) Nereus at opposition 2021	<i>Icarus</i>	420, Article 116146. doi:10.1016/j.icarus.2024.116146
57.	Truba, H., Goncharenko, M., Sobko, G., Kostina, L., Krasilova, Y.	Ethical requirements and boundaries of conduct for educators in the digital environment: Neurolinguistic foundations	<i>Neuropsychiatry i Neuropsychologia</i>	19(1–2), 40–47. doi:10.5114/nan.2024.141888
58.	Truba, H., Khrapatyi, S., Harashchuk, K., Shvets, D., Proskurnia, A.	Psycholinguistic underpinnings of image formation: suggestion and manipulation in the educational network discourse	<i>Thinking Skills and Creativity</i>	52, Article 101496. doi:10.1016/j.tsc.2024.101496
59.	Tymchuk, L., Vieilandie, L., Pavlova, V., Prokofyeva, L., Tadeush, O., Bogdan, Z.	Professional education of adults: technological challenges in the context of neuroscience	<i>Revista Romaneasca Pentru Educatie Multidimensionala</i>	16(3), 443–455. doi:10.18662/rrem/16.3/903
60.	Tyurin, A., Zhukov, S., Akhmerov, A.	Luminescent monitoring the state of dichroic complexes in polaroids based on polyvinyl alcohol	<i>Low Temperature Physics</i>	50(1), 21–23. doi:10.1063/10.0023886
61.	Vaniushyna, O., Gaivoronska, T., Dunayeva, L., Lanska, S., Kuzmina, M., Varnava, U.	Social and psychological prevention of professional burnout of social sphere employees under the conditions of the martial law	<i>ADALTA—Journal of Interdisciplinary Research</i>	14(1), 78–81.
62.	Vaisfeld, N. D., Protserov, Y. S., Tolkachov, A. V.	Axisymmetric problem of vibrations of circular or ring punch on elastic half-space*	<i>International Applied Mechanics</i>	60(3), 313–322. doi:10.1007/s10778-024-01284-8
63.	Vaysfeld, N., Zhuravlova, Z.	Contact problem for finite poroelastic cylinder: exact analysis	<i>International Applied Mechanics</i>	60(2), 243–252. doi:10.1007/s10778-024-01278-6
64.	Vaysfeld, N., Zhuravlova, Z.	The poroelastic layer with an axisymmetric cylindrical hole under different types of loading	<i>Acta et Commentationes Universitatis Tartuensis de Mathematica</i>	28(1), 131–140. doi:10.12697/ACUTM.2024.28.09

65.	Volkova, Y.	Ukraine's unnamed war. Before the Russian invasion of 2022	<i>Europe-Asia Studies</i>	76(7), 1148–1149. doi:10.1080/09668136.2024.2374682
66.	Yanko, V., Kadurin, V., Kravchuk, A., Kondariuk, T., Kulakova, I., Dikol, O., Kadurin, S.	Influence of methane and other hydrocarbon gases on foraminifera and nematodes in the Northwestern part of the Black Sea	<i>Marine Environmental Research</i>	193, Article 106285. doi:10.1016/j.marenvres.2023.106285
67.	Zhukovetska, O., Fizer, M., Mariychuk, R., Guzenko, O., Snigur, D.	Spectrophotometric and DFT study of Germanium(IV) interaction with 6,7-dihydroxy-2,4-diphenyl-1-benzopyran-1-ium bromide in solutions: Room-temperature cloud point extraction and its analytical application	<i>Journal of Molecular Liquids</i>	401, Article 124724. doi:10.1016/j.molliq.2024.124724
68.	Zhukovetska, O., Guzenko, O., Shcherbakova, T., Arabadji, M., Snigur, D.	Graphite furnace atomic absorption determination of Ge (IV) after its cloud point extraction	<i>Journal of Chemistry and Technologies</i>	32(1), 83–88. doi:10.15421/jchemtech.v32i1.296398
69.	Zhuravlova, Z.	Method of inversion of Laplace transform in some problems of dynamic elasticity	Perspectives in Dynamical Systems II– Numerical and Analytical Approaches, DSTA 2021	16th International Conference on Dynamical Systems Theory and Applications, DSTA 2021, Łódź, 6–9 December 2021 (Vol. 454, pp. 777–805). doi:10.1007/978-3-031-56496-3_49
70.	Zhuravlova, Z., Istenes, I., Peck, D., Protserov, Y., Vaysfeld, N.	Hidden ring crack in a rotating hollow cylinder under torsion	<i>International Journal of Engineering Science</i>	194, Article 103976. doi:10.1016/j.ijengsci.2023.103976
71.	Zinchenko, V., Magunov, I., Volchak, G., Mazur, O., Ierimin, O., Kuleshov, S., ... Babenko, A.	Sulfidation of zinc oxide by interaction with antimony sulfide	<i>Physics and Chemistry of Solid State</i>	25(2), 399–405. doi:10.15330/pcss.25.2.399-405