

ПЕРЕЛІК

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

№ з/п	Прізвище, ім'я, по батькові працівника ЗВО	ID працівника ЗВО у наукометричній базі	Назва та реквізити публікації (посилання)	Назва наукометричної бази
1.	Алтунін Сергій Ігорович	57200277141	Comparative Analysis of Noise and Dynamic Properties of High-Velocity Object Tracking Devices. Proceedings - 16th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2022, 2022, pp. 544–547 (DOI 10.1109/TCSET55632.2022.9766978)	Scopus
			Comparative analysis of the efficiency of detecting some amplitude-phase modulated signals in wireless communication systems. International Journal of Electronics and Telecommunications, 2019, 65(3), pp. 449–453 (DOI 10.24425/ijet.2019.129798)	
			Simulation and Experimental Research of the Enhanced BPSK and QPSK Demodulator. Proceedings - 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2020, 2020, pp. 767–770, 9088564 (DOI 10.1109/TCSET49122.2020.235538)	
			Simulation and Experimental Research of Software Implemented Phase-Locked Loop with Improved Noise Immunity. 2019 IEEE 20th International Conference on Computational Problems of Electrical Engineering, CPEE 2019, 2019, 8949164 (DOI 10.1109/CPEE47179.2019.8949164)	
			Comparative analysis of the efficiency of detecting some amplitude-phase modulated signals in wireless communication systems. International Journal of Electronics and Telecommunications, 2019, 65(3), pp. 449–453 (DOI 10.24425/ijet.2019.129798)	
2.	Андруник Василь Адамович	57202441589	The text analysis software for hearing-impaired persons. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2021, 1, pp. 119–123 (DOI 10.1109/CSIT52700.2021.9648605)	Scopus
			Development of a speech-to-text program for people with hearing impairments. CEUR Workshop Proceedings, 2021, 2917, pp. 565–583	
			The electronic digests formation and categorization for textual commercial content. CEUR Workshop Proceedings, 2021, 2870, pp. 1816–1831	
			Online Business Processes Support Methods. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2020, 1, pp. 125–133, 9321960 (DOI 10.1109/CSIT49958.2020.9321960)	

			Information System for Monitoring the Emotional State of a Student with Special Needs Using AI. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2020, 1, pp. 66–69, 9321933 (DOI 10.1109/CSIT49958.2020.9321933)	
3.	Андрусяк Іванна Володимирівна	57191592942	MINIMAL GROWTH OF ENTIRE FUNCTIONS WITH PRESCRIBED ZEROS OUTSIDE EXCEPTIONAL SETS. Matematychni Studii, 2022, 58(1), pp. 51–57 (DOI 10.30970/ms.58.1.51-57)	Scopus
			Game task of ontological project coverage. CEUR Workshop Proceedings, 2021, 2851, pp. 344–355	
			THE MINIMAL GROWTH OF ENTIRE FUNCTIONS WITH GIVEN ZEROS ALONG UNBOUNDED SETS. Matematychni Studii, 2020, 54(2), pp. 146–153 (DOI 10.30970/MS.54.2.146-153)	
			Systems of powers of conformal mappings and conjugate systems of functions. Azerbaijan Journal of Mathematics, 2017, 7(2), pp. 3–20	
			Coefficients of power expansion and a-points of an entire function with borel exceptional value. Ukrainian Mathematical Journal, 2016, 68(2), pp. 159–170 (DOI 10.1007/s11253-016-1215-4)	
4.	Андрусяк Ірина Павлівна	57219107945	The Main Systemic Engineering Problems of Using Computer and Digital Technologies in Legal Activities in the Context of Ensuring Security. International Journal of Safety and Security Engineering, 2022, 12(5), pp. 597–602 (DOI 10.18280/ijse.120507)	Scopus
			LEGAL SECURITY OF ENVIRONMENTAL SAFETY UNDER THE CONDITIONS OF MARITAL STATE IN UKRAINE. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2022, (5), pp. 110–115 (DOI 10.33271/nvngu/2022-5/110)	
			STATE POLICY OF UKRAINE IN THE SPHERE OF ENVIRONMENTAL PROTECTION IN THE CONTEXT OF EUROPEAN INTEGRATION. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2022, (2), pp. 107–111 (DOI 10.33271/nvngu/2022-2/107)	
			Application of Ensemble Methods of Strengthening in Search of Legal Information. Lecture Notes on Data Engineering and Communications Technologies, 2022, 77, pp. 188–200 (DOI 10.1007/978-3-030-82014-5_13)	
			The Influence of the Ruling Elite on Political Activity in the Conditions of Destructuring the Essence of the Philosophy of Law. Wisdom, 2021, 1(1), pp. 90–97 (DOI 10.24234/WISDOM.V1I1.603)	
			Asymptotic method and wave theory of motion in studying the effect of periodic impulse forces on systems characterized by longitudinal motion velocity. Mathematical Modeling and Computing, 2022, 9(4), pp. 909–920 (DOI 10.23939/mmc2022.04.909)	
			Impulse Moments Influence on Single-Frequency Torsional Oscillations of Nonlinear Flexible Bodies. IEEE Access, 2022, 10, pp. 74948–74960 (DOI 10.1109/ACCESS.2022.3191642)	

5.	Андрухів Андрій Ігорович	55226249300	<p>Digital Teaching and Learning Resources of the Ukrainian Children's Libraries Websites. Studies in Systems, Decision and Control, 2022, 421, pp. 471–490 (DOI 10.1007/978-3-030-97008-6_21)</p> <p>Influence of impulse disturbances on oscillations of nonlinearly elastic bodies. Mathematics, 2021, 9(8), 819 (DOI 10.3390/math9080819z)</p> <p>Adaptive support of the educational process by the automated library information system. CEUR Workshop Proceedings, 2021, 3003, pp. 33–42</p>	Scopus
6.	Андрущак Анатолій Степанович	6602317223	<p>Correlation between Nonlinear Optical Effects and Structural Features of Aurone-Based Methacrylic Polymeric Thin Films. Materials, 2022, 15(17), 6076 (DOI 10.3390/ma15176076)</p> <p>On the issue of textured crystallization of Ba(NO₃)₂ in mesoporous SiO₂: Raman spectroscopy and lattice dynamics analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 275, 121157 (DOI 10.1016/j.saa.2022.121157)</p> <p>Impact of Optical Illumination on Transmission of Subterahertz Electromagnetic Waves by Bi₁₂GeO₂₀ Crystals. Acta Physica Polonica A, 2022, 141(4), pp. 415–419 (DOI 10.12693/APhysPolA.141.415)</p> <p>Spatial Anisotropy of Electromechanical Coupling in Li₂B₄O₇ Crystals. Acta Physica Polonica A, 2022, 141(4), pp. 406–409 (DOI 10.12693/APhysPolA.141.406)</p> <p>Paraelectric KH₂PO₄ nanocrystals in monolithic mesoporous silica: Structure and lattice dynamics. Journal of Alloys and Compounds, 2021, 868, 159177 (DOI 10.1016/j.jallcom.2021.159177)</p>	Scopus
		-	<p>Angular stability of electric field-induced effects in crystalline materials. Crystal Research and Technology, 48(6)</p> <p>Automated interferometric technique for express analysis of the refractive indices in isotropic and anisotropic optical materials. Optics and Lasers in Engineering, 46(2), pp. 162-167</p> <p>Complete sets of elastic constants and photoelastic coefficients of pure and MgO-doped lithium niobate crystals at room temperature. Journal of Applied Physics, 106(7), 073510</p> <p>Electric-field-induced optical path length change in LiNbO₃:MgO crystals: Spatial anisotropy analysis. Applied Optics, 52(16), pp. 3757-3763</p> <p>Ferroelectric AgNa (NO₂)₂ crystals as novel highly efficient nonlinear optical material: Phase matched second harmonic generation driven by a spontaneous and electric field induced polarizations. Journal of Applied Physics, 107(11), 113526</p>	Web of Science
			<p>Impact of Optical Illumination on Transmission of Subterahertz Electromagnetic Waves by Bi₁₂GeO₂₀ Crystals. Acta Physica Polonica A, 2022, 141(4), pp. 415–419 (DOI 10.12693/APhysPolA.141.415)</p> <p>Dynamic Kerr and Pockels electro-optics of liquid crystals in nanopores for active photonic metamaterials. Nanoscale, 2021, 13(44), pp. 18714–18725 (DOI 10.1039/d1nr04282c)</p>	

7.	Андрушак Назарій Анатолійович	25927837600	A finite element model of terahertz substrate-based wire-grid polarizer. Mathematics and Computers in Simulation, 2021, 188, pp. 404–414 (DOI 10.1016/j.matcom.2021.04.005)	Scopus
			Paraelectric KH ₂ PO ₄ nanocrystals in monolithic mesoporous silica: Structure and lattice dynamics. Journal of Alloys and Compounds, 2021, 868, 159177 (DOI 10.1016/j.jallcom.2021.159177)	
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	H-1912-2015	Web of Science	General method of extreme surfaces for geometry optimization of the linear electro-optic effect on an example of LiNbO ₃ :MgO crystals. Applied Optics V. 56, № 22, pp. 6255-6262	
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			Application of a Principle of Mathematical Models Reduction for Optimal Vector of Induced Optical Effects in Crystalline Materials for Optoelectronics. 14th International Conference: The Experience Of Designing And Application Of Cad Systems In Microelectronics (CADSM) (Experience of Designing and Application of CAD Systems in Microelectronics-CADSM, pp. 70-73)	
Development and Implementation of Image Processing Technique for Laser-Based 3D Scanner. 14th International Conference: The Experience Of Designing And Application Of Cad Systems In Microelectronics (CADSM) (Experience of Designing and Application of CAD Systems in Microelectronics-CADSM, pp. 309-313)				
8.	Андрушак Володимир Степанович	56566614900	Global maxima of linear electro-optic effect for selected widely used crystalline materials. IEEE 7th International Conference On Advanced Optoelectronics And Lasers (CAOL) (International Conference on Advanced Optoelectronics and Lasers, pp. 173-175)	
			Intelligence Management of BLE Sensors by the Edge Device. Proceedings - 16th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2022, 2022, pp. 649–652 (DOI 10.1109/TCSET55632.2022.9767070)	
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9.	Антонова Тамара Миколаївна	57215603640	Convergence and Estimation of the Truncation Error for the Corresponding Two-Dimensional Continued Fractions. Ukrainian Mathematical Journal, 2022, 74(4), pp. 501–518 (DOI 10.1007/s11253-022-02079-1)	Scopus
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			Branched continued fraction expansions of horn's hypergeometric function H_3 ratios. Mathematics, 2021, 9(2), pp. 1–18, 148 (DOI 10.3390/math9020148)	
10.	Алексеев Владислав Игоревич	57203618952	Development and integration of speech recognition tools into software applications and an approach to improve of speech recognition quality. Proceedings - 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2020, 2020, pp. 614–617, 9088728 (DOI 10.1109/TCSET49122.2020.235505)	Scopus
			Conceptual model of information system for drone monitoring of trees' condition. CEUR Workshop Proceedings, 2020, 2604, pp. 695–714	
			Information Analysis and Knowledge Gain within Graph Data Model. IEEE 2019 14th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2019 - Proceedings, 2019, 3, pp. 268–271, 8929812 (DOI 10.1109/STC-CSIT.2019.8929812)	
			Artificial Locust Swarm Routing Algorithm: Decision Making in Path Search Problem. Proceedings of the 11th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2019, 2019, 9041925 (DOI 10.1109/ECAI46879.2019.9041925)	
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			Efficiency evaluation in housing fund management. Actual Problems of Economics Volume 179, Issue 5, 2016, Pages 246-253	

			<p>The impact of investments into economic associations on the level of national economy development. Actual Problems of Economics Volume 182, Issue 8, 2016, Pages 103-112</p>	
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12.	Альбота Соломія Миколаївна	57205444338	<p>War Implications in the Reddit News Feed: Semantic Analysis. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2022, 2022-November, pp. 99–102 (DOI 10.1109/CSIT56902.2022.10000515)</p> <p>Modelling the Impact of the Pandemic on Online Communication: Textual Semantic Analysis. CEUR Workshop Proceedings, 2022, 3171, pp. 471–486</p> <p>Semantic Analysis of the Reddit Vaccination News Feed in the Reddit Social Network. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2021, 2, pp. 56–59 (DOI 10.1109/CSIT56902.2021.9900051)</p> <p>Spam Filtration System with the Use of Machine Learning Technology. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2021, 1, pp. 124–130 (DOI 10.1109/CSIT56902.2021.9900051)</p> <p>A Formal Approach to Modeling the Characteristics of Users of Social Networks Regarding Information Security Issues. Advances in Intelligent Systems and Computing, 2020, 902, pp. 485–494 (DOI 10.1007/978-3-030-12082-5_44)</p>	Scopus
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15.	Афтаназів Іван Семенович	57198810574	Concept development of a portable reader for personal dosimetry based on the OSL in YAP:Mn. Proceedings - 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2020, 2020, pp. 952–956, 9088614 (DOI 10.1109/TCSET49122.2020.235578)	Scopus
			Determination of coordinates of unmanned aircrafts by means of kinematic projection. Mathematical Modeling and Computing, 2022, 9(2), pp. 459–469 (DOI 10.23939/mmc2022.02.459)	
16.	Бабій Любов Вячеславівна	57224949058	ECONOMIC AND ENVIRONMENTAL BENEFITS OF USING CAVITATION TREATED FUEL IN VEHICLES OF INTERNAL COMBUSTION ENGINES. Communications - Scientific Letters of the University of Žilina, 2022, 24(3), pp. B158–B169 (DOI 10.26552/com.C.2022.3.B158-B169)	Scopus
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16.	Бабій Любов Вячеславівна	57224949058	Study of the activity of volcanoes using remote sensing data and GIS technologies. 2022 International Conference of Young Professionals, GeoTerrace 2022, 2022 (DOI 10.3997/2214-4609.2022590014)	Scopus
			Comparison of 3D models of mass graves created on the basis of aerial survey data in 1944 and 2015. 2022 International Conference of Young Professionals, GeoTerrace 2022, 2022 (DOI 10.3997/2214-4609.2022590080)	
16.	Бабій Любов Вячеславівна	57224949058	Analysis of the destruction caused by Russian aggression by a semiautomatic method using remote sensing data. 2022 International Conference of Young Professionals, GeoTerrace 2022, 2022 (DOI 10.3997/2214-4609.2022590060)	Scopus
			Study of forest fires according to remote sensing data (on the example of the Chernobyl exclusion zone). International Conference of Young Professionals, GeoTerrace 2021, 2021 (DOI 10.3997/2214-4609.20215K3010)	
16.	Бабій Любов Вячеславівна	57224949058	Determination of quantitative indicators of earthquake destruction by different time space images. International Conference of Young Professionals, GeoTerrace 2020, 2020 (DOI 10.3997/2214-4609.20205765)	Scopus

17.	Байцар Роман Иванович	7801601691	Combined usage of Theory of Constraints, Lean and Six Sigma in quality assurance of manufacturing processes. Key Engineering Materials 637, pp. 21-26	Scopus
			Integrated use of TOC, Lean and Six Sigma in quality assurance of manufacturing processes. 11th IMEKO TC14 Symposium on Laser Metrology for Precision Measurement and Inspection in Industry (Proceedings LMPMI 2014, pp. 34-37)	
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			App.lication of semiconductor whisker crystals in low temperature electronics. Journal De Physique. IV : JP6(3), pp. 429-434	
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18.	Базилевич Роман Петрович	6506726842	Input decomposition by clusterization for symbolic execution. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2022, 2022-November, pp. 466–469 (DOI 10.1109/CSIT56902.2022.10000433)	Scopus
			A set of nets planarization with two chains of contacts. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2021, 1, pp. 202–205 (DOI 10.1109/CSIT52700.2021.9648742)	
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19.	Бакса Віта Петрівна	57214108610	NOTE ON BOUNDEDNESS OF THE L-INDEX IN THE DIRECTION OF THE COMPOSITION OF SLICE ENTIRE FUNCTIONS. Matematychni Studii, 2022, 58(1), pp. 58–68 (DOI 10.30970/ms.58.1.58-68)	Scopus
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20.	Бандирський Богдан Йосипович	8906305300	Generalization of Resonant Equations for the Laguerre- and Legendre-Type Polynomials to Equations of the Fourth Order. Ukrainian Mathematical Journal, 2020, 71(11), pp. 1751–1762 (DOI 10.1007/s11253-020-01745-6)	Scopus
			Optimal algorithms for computing multiple integrals. Mathematical Modeling and Computing, 2017, 4(1), pp. 1–9 (DOI 10.23939/mmc2017.01.001)	
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21.	Балабан Оксана Василівна	56095171600	Unexpected Resistance of Polyelectrolyte Brushes Formed via Surface-Initiated Polymerization on Glass and Si ₃ N ₄ . Acta Physica Polonica A, 2022, 141(4), pp. 293–297 (DOI 10.12693/APhysPolA.141.293)	Scopus
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			Promising Cathode Material Based on Inorganic Nanocomposites for Li ⁺ -intercalation Current Generation. Proceedings of the 2021 IEEE 11th International Conference "Nanomaterials: Applications and Properties", NAP 2021, 2021 (DOI 10.1109/NAP51885.2021.9568534)	
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