

**Нові публікації науковців НУ "Запорізька політехніка" на платформі SCOPUS в грудні 2023 року:**

**11 грудня 2023 року:**

- 1) But, Tetiana; **Daria, Mamotenko (Scopus Id: 58725274000);**  
Lnenicka, Libor; **Pulina, Tetiana (Scopus Id: 58726244700);**  
Veronika, Zidova

A Conceptual Model for Creating Smart Cities in Czechia Based on Smart Specialization in the Tourism Industry

(2023) Scientific Papers of the University of Pardubice, Series D: Faculty of Economics and Administration, 31 (2), art. no. 1736

DOI: 10.46585/sp31021736

- 2) **Andrienko, P.D. (Scopus Id: 6603159618); Alekseevskiy, D.G. (Scopus Id: 57208393870); Blyzniakov, O.V. (Scopus Id: 57196470246); Nemykina, O.V. (Scopus Id: 57220195050); Nemudriy, I.Yu. (Scopus Id: 58089435600)**

EFFICIENCY OF ELECTROMECHANICAL CONVERSION SYSTEMS OF WIND TURBINES WITH AERODYNAMIC MULTIPLICATION

(2023) Technical Electrodynamics, 2023 (6), pp. 44 - 53

DOI: 10.15407/techned2023.06.044

- 3) **Dzhus, Anna (Scopus Id: 58722586900); Subbotin, Sergey (Scopus Id: 7006531104); Pulina, Tetiana (Scopus Id: 57221949506); Leoshchenko, Serhii (Scopus Id: 57221812771); Snizhnoi, Gennadii (Scopus Id: 54406427800)**

EVALUATION AND PREDICTION OF PITTING RESISTANCE OF HEAT EXCHANGERS MADE OF ALLOY 06KhN28MDT (SIMILAR TO AISI 904L STEEL) IN MODEL CIRCULATING WATERS

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4) Korotun, A.V. (**Scopus Id: 14826879100**)

PLASMONIC PHENOMENA IN BICONICAL AND BIPYRAMIDAL  
METAL NANOPARTICLES

(2023) Ukrainian Journal of Physics, 68 (10), pp. 695 - 704

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1) Shvets, V., Maslak, H., Davydov, V., Berest, H., Nosulenko, I.,  
Voskoboinik, O. (**Scopus Id 58750199400**), Omelianchyk, L.,  
Brazhko, O.

Effects of the Aronia melanocarpa extract action on the activity of  
mitochondrial creatine kinase under immobilization stress in old rats

(2023) Hacettepe University Journal of the Faculty of Pharmacy, 43 (4),  
pp. 333-339.

DOI: 10.52794/hujpharm.1269999

2) Alsayaydeh, J.A.J., bin Yusof, M.F., bin Abdillah, M.A.A., Al-  
Gburi, A.J.A., Herawan, S.G., Oliinyk, A. (**Scopus Id:  
55120940800**)

Enhancing Vehicle Safety: A Comprehensive Accident Detection and  
Alert System

(2023) International Journal of Advanced Computer Science and  
Applications, 14 (11), pp. 28-41.

DOI: 10.14569/IJACSA.2023.0141104

3) Makarenko, V.D., Pobeda, S.S., Makarenko, Y.V., Maksymov,  
S.Y., Gots, V.I., Tkachenko, S.M. (**Scopus Id: 57884491600**),  
Vladymyrov, O.V., Horlach, O.M., Zadorozhnykova, I.V.

Elastoplastic Fracture Mechanics Approach to the Crack Growth Rate  
Computation of Modified Pipe Steels

(2023) Strength of Materials, .

DOI: 10.1007/s11223-023-00584-7

**26 грудня 2023 року - статті:**

1) Chukhlantseva, Natalia (**Scopus Id:** 57202812193)

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(2023) Baltic Journal of Health and Physical Activity, 15 (4), art. no. 2

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2) Shchur, Nataliia (58762143500); Shvets, Kateryna; Chernova, Iryna (**Scopus Id:** 58762143600); Yaremko, Igor; Slisar, Pavlo

EFFICIENCY OF THE MANAGEMENT SYSTEM IN THE CONDITIONS OF HOSTILITIES AND CRISES

(2023) International Journal for Quality Research, 17 (4), pp. 1277 - 1290

DOI: 10.24874/IJQR17.04-21

3) Kubich, V.I. (**Scopus Id:** 57203875007); Cherneta, O.G.; Yurov, V.M.

Influence of Dynamic Viscosity of a Lubricant Material on the Parameters of Adhesion Bond in the Systems of Materials "12KH2H4-STEEL 45", "45KHN2MFA-Steel 45" when Boring and Borocement Steel 45

(2023) Material and Mechanical Engineering Technology, 2023 (1), pp. 3 - 9

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**26 грудня 2023 року – матеріали конференцій:**

1) Korotun, Andrii (**Scopus Id:** 14826879100); Moroz, Garry (**Scopus Id:** 58759381400); Korolkov, Roman (**Scopus Id:** 57222983932); Titov, Igor (**Scopus Id:** 25936956900)

Optical Resonances and Enhancement of the Electric Fields in the Gap Between Two Spherical Metallic Nanoparticles

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- 2) Kotsur, M. (**Scopus Id:** 57195922641); Yarymbash, D. (**Scopus Id:** 56623115300); Bezverkhnia, Yu. (**Scopus Id:** 57202583228); Kotsur, I. (**Scopus Id:** 57513768900)

Features Of Field Simulation Of Electromagnetic Processes Of The Trolley's Busbars

(2023) 2023 IEEE 4th KhPI Week on Advanced Technology, KhPI Week 2023 - Conference Proceedings

DOI: 10.1109/KhPIWeek61412.2023.10312926

- 3) Shram, Alexander (**Scopus Id:** 58192393500); Kachan, Yuriy (**Scopus Id:** 6507584474); Bratkovska, Kateryna (**Scopus Id:** 57215142152)

Assessment of Electric Loads Maneuvering Capabilities Using by Industrial Enterprises

(2023) 2023 IEEE 4th KhPI Week on Advanced Technology, KhPI Week 2023 - Conference Proceedings

DOI: 10.1109/KhPIWeek61412.2023.10312875

- 4) Shyshkanova, G. (**Scopus Id:** 56871105500); Walther, A.

Contact pressure over doubly connected rectangular domains and punch shape optimization

(2023) AIP Conference Proceedings, 2953 (1), art. no. 060002

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- 5) Kovalov, Illia (**Scopus Id:** 58766270900); Kozina, Galina (**Scopus Id:** 8370090200)

Comparative Analysis of Hashing Standards

(2023) 2023 5th International Conference on Problems of Cybernetics and Informatics, PCI 2023

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- 6) Karpukov, Leonid (**Scopus Id:** 9437342300); Voskoboynik, Volodymyr (**Scopus Id:** 57424531600); Kozina, Galyna (**Scopus Id:** 8370090200); Parshyna, Olena; Parshyn, Yurii; Shapoval, Andrii

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- 7) Zinovkin, Volodymyr (**Scopus Id:** 57202577935); Antonov, Mykola (**Scopus Id:** 57202590272); Pyrozhok, Andrii (**Scopus Id:** 58759314700); Krysan, Iurii (**Scopus Id:** 57224423183)

Optimization of Multivariable Technological Systems' Automatic Control based on Stability Criteria

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- 8) Kulagin, Dmytro (**Scopus Id:** 56417920800); Prokopenko, Vyacheslav; Maslov, Igor; Shram, Alexander (**Scopus Id:** 58192393500); Lysechko, Volodymyr; Pastushenko, Volodymyr

Analysis Of Current Approaches to Modernizing the Electric Power Scheme of Diesel Generator Transport

(2023) 2023 IEEE 4th KhPI Week on Advanced Technology, KhPI Week 2023 - Conference Proceedings

DOI: 10.1109/KhPIWeek61412.2023.10312881