

ЧЕРВЕНЬ 2024

Нові публікації науковців НУ "Запорізька політехніка" на платформі SCOPUS (14 червня 2024 року):

- 1) Khang, A.W.Y., Alsayaydeh, J.A.J., Gani, J.A.M., Bascar, T., Teh, A.A., Pusppanathan, J., Oliinyk, A. (Scopus Id: 55120940800)

Portable American Sign Language System using RF Signals and IoT Technology for Deaf-Blind People

(2025) Journal of Advanced Research in Applied Sciences and Engineering Technology, 45 (1), pp. 79-89.

(Quartile – Q2)

DOI: 10.37934/araset.45.1.7989

- 2) Byshevets, N., Andrieieva, O., Dutchak, M., Shynkaruk, O., Dmytriv, R., Zakharina, I. (57205436062), Serhienko, K., Hres, M.

The Influence of Physical Activity on Stress-associated Conditions in Higher Education Students

(2024) Physical Education Theory and Methodology, 24 (2), pp. 245-253.

(Quartile – Q2, Q3)

DOI: 10.17309/tmfv.2024.2.08

- 3) Oleksiy, N., Alona, B., Oleksiy, I., Viktor, Z., Michailo, K.

Oleksiy Nazarenko (57246918300), Alona Berezovska (59156789600), Oleksiy Ischenko (59156130700), Viktor Zhvan (59156388000), Michailo Kulik (59156130800)

Prospects for the Use of Light Carbonate Slag Carbonate

(2024) World Congress on Civil, Structural, and Environmental Engineering, 8 p.

(Quartile – Q4)

DOI: 10.11159/icsect24.127

4) Frolov, M. (57202915824), Tanchenko, S. (59155812700),
Ohluzdina, L. (59155812800)

Parameter Estimation of the Weibull Distribution in Modeling the
Reliability of Technical Objects

(2024) Journal of Engineering Sciences (Ukraine), 11 (1), pp. A1-A10.

(Quartile – Q4)

DOI: 10.21272/jes.2024.11(1).a1

**Нові публікації науковців НУ "Запорізька політехніка" на
платформі SCOPUS (19 червня 2024 року):**

1) Vnukov, Yuriy (Scopus Id: 6507198982); Tryshyn, Pavlo
(57209253191); Kozlova, Olena (58600716000); Dyadya, Serhiy
(57222125280)

Cutter-Oscillator with Single-Degree-of-Freedom for the Study of
Cutting Vibrations

(2024) Strojnický Casopis, 74 (1), pp. 169 - 180

DOI: 10.2478/scjme-2024-0017

(Quartile – Q3)

2) Polishchuk V.; Yanishevskiy S.; Bilonoh O.; Nahrebelna L.;
Trushevsky, Vyacheslav (57303094300); Korchevska A.;
Semenchenko O.; Vyhovska I.

Expert assessment of engineering and planning solutions to improve the
safety of vulnerable road users in Ukraine

(2023) Expert Assessments in Decision Making: Risks and Safety, pp.
154 - 206

DOI: 10.21303/978-9916-9850-2-1.ch6

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Нові публікації науковців НУ "Запорізька політехніка" на платформі SCOPUS (24 червня 2024 року) - IOP Conference Series: Earth and Environmental Science (2024), Quartile – Q3, Q4

1) Mukhachev, Anatolii; Yelatontsev, Dmytro; Kharytonova, Olena; Snizhnoi, Hennadii (Scopus Id: 59173785200)

Functional materials based on high-purity zirconium compounds for applications in alternative energy

(2024) IOP Conference Series: Earth and Environmental Science, 1348 (1), art. no. 012024

DOI: 10.1088/1755-1315/1348/1/012024

2) Shalomeev, Vadim (6505581621); Brykov, Mykhailo (36165224300); Sheiko, Serhii; Matiukhin, Anton (57200142310); Yepishkin, Oleksandr (59173809800); Kulabnieva, Olena (59173514500); Tytov, Oleksandr

The durability increasing of high-wear cast parts of mining and processing equipment

(2024) IOP Conference Series: Earth and Environmental Science, 1348 (1), art. no. 012054

DOI: 10.1088/1755-1315/1348/1/012054

3) Shevchenko, Heorhii; Greshta, Viktor (55944039900); Tytov, Oleksandr; Sukhariev, Vitaliy (57209980616)

Analysis of rock grinding results in centrifugal-vibrational disintegrating module

(2024) IOP Conference Series: Earth and Environmental Science, 1348 (1), art. no. 012068

DOI: 10.1088/1755-1315/1348/1/012068

4) Snizhnoi, Hennadii (59173785200); Sazhnev, Volodymyr (6508012329); Snizhnoi, Valentyn; Mukhachev, Anatolii

Details of mining beneficiation equipment made of medium manganese wear-resistant steel

(2024) IOP Conference Series: Earth and Environmental Science, 1348
(1), art. no. 012027

DOI: 10.1088/1755-1315/1348/1/012027

5) Ilin, Sergey; Adorska, Larisa; Babets, Dmytro; Ilina, Inna;
Kruzhnova, Svetlana (59174111500); Fursina, Anna
(59173380600)

Risk-forming areas of mine hoisting equipment and directions for
reducing contact loads on shaft reinforcement

(2024) IOP Conference Series: Earth and Environmental Science, 1348
(1), art. no. 012021

DOI: 10.1088/1755-1315/1348/1/012021

6) Kruzhnova, Svitlana (59174111500); Fursina, Anna
(59173380600); Ilin, Sergey (57191161559); Adorska, Larysa;
Ilina, Inna

Simulation modelling of residual resource for hoisting mechanisms in
the mining industry

(2024) IOP Conference Series: Earth and Environmental Science, 1348
(1), art. no. 012070

DOI: 10.1088/1755-1315/1348/1/012070

7) Brykov, Michail (36165224300); Shalomeev, Vadim
(6505581621); Matveev, Vadim; Parahnevich, Evgen
(59173343500); Tabunshchyk, Galyna (56007319800); Ruban,
Valentyna (59173343600)

Composition and treatment of wear resistant steel for application in
mining industry

(2024) IOP Conference Series: Earth and Environmental Science, 1348
(1), art. no. 012075

DOI: 10.1088/1755-1315/1348/1/012075

Нові публікації науковців НУ "Запорізька політехніка" на платформі SCOPUS (25 червня 2024 року): CEUR Workshop Proceedings (Q4), Procedia Structural Integrity (Q3)

- 1) Horichenko, Yulii (Scopus Id: 57456851000); Parkhomenko, Anzhelika (57210667343); Pozdnyakov, Oleg (58290744200); Tulenkov, Artem (57204944619); Gladkova, Olga (22134171900); Parkhomenko, Andriy (57218776064)

Research on Enhancing Power Generation Forecasts with Real-Time Machine Learning Models

(2024) CEUR Workshop Proceedings, 3702, pp. 424 - 437

- 2) Herman Y., Krulikovskiy O., Haliuk S., Subbotin S. (7006531104)

Development of an embedded operating system based on the Linux kernel for SoC FPGA

(2024) CEUR Workshop Proceedings, 3702, pp. 376 - 388

- 3) Leoshchenko, Serhii (57221812771); Oliinyk, Andrii (55120940800); Subbotin, Sergey (7006531104); Kolpakova, Tetiana (57192963837)

Implementation of swarm intelligence methods for preprocessing in neuroevolution synthesis

(2024) CEUR Workshop Proceedings, 3702, pp. 438 - 448

- 4) Borovyk, Danylo (59171551100); Fedoniuk, Roman (59172163500); Subbotin, Sergey (7006531104); Oliinyk, Andrii (55120940800); Kolpakova, Tetiana (57192963837)

Detection of Vehicles in Aerial Photographs Using Convolutional Neural Networks

(2024) CEUR Workshop Proceedings, 3699, pp. 161 - 179

- 5) Rusyn V., Subbotin S. (7006531104), Vorobets G., Vorobets O.

Computer Modelling, Analysis of the Main Information Properties of Memristor and Its Application in Secure Communication System

(2024) CEUR Workshop Proceedings, 3702, pp. 216 - 225

6) Poliakov, Mykhailo (55327899800); Zhurakovskiy, Bohdan;
Poliakov, Oleksii; Shyshkin, Ivan (59171775200)

Modeling and Programming of Elements of Integrated Systems in
Industrial Controller Languages

(2024) CEUR Workshop Proceedings, 3702, pp. 169 - 178

7) Subbotin, Sergey (7006531104)

Preface

(2024) CEUR Workshop Proceedings, 3702

8) Bezhenov, Sergiy (6506750600); Sukhonos, Roman (59169585900)

Fatigue Damages Evaluation of the Ni-Based Alloy via AE Monitoring
under the High-Cyclic Loading

(2024) Procedia Structural Integrity, 59, pp. 650 - 655

DOI: 10.1016/j.prostr.2024.04.092