

РЕЄСТР  
публікацій науково-педагогічного персоналу  
Центральноукраїнського національного технічного університету  
[у бібліографічній і реферативній базі даних Scopus](#)

**Всього публікацій: 437**

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| 2024 | Al-Oraiqat A.M., Drieiev O., Drieieva H., Meleshko Y., AlRawashdeh H., Al-Oraiqat K.A., Hasan Y.M.Y., Maricar N., Khan S. | Spatiotemporal crowds features extraction of infrared images using neural network  | Article          | <a href="#">_____</a>   |
| 2024 | Koltun P.S., Klymenko V.V., Skrypnyk O.V.   | Evaluation of Charcoal Production for the Substitution Coking Coal for the Iron and Steel Industry   | Article          | <a href="#">_____</a>   |
| 2024 | Tubishat B.M.A.-R., Alazzam F.A.F., Viunyk O., Yatsun V., Horpynchenko O.   | Planning to Improve the Efficiency of Open Systems Commercial Relations to Ensure Uninterrupted Sustainable Development: Regional Legal Aspect | Article          | <a href="#">_____</a>   |
| 2024 | Alazzam F.A.F., Safronska I., Rodchenko S., Kornieieva T., Zaiarniuk O., Kushnir Y.                                       | RE-ENGINEERING OF BUSINESS PROCESSES OF MACHINE-BUILDING ENTERPRISES: INCREASING THE EFFICIENCY OF COMMERCIAL ACTIVITIES                       | Article          | <a href="#">_____</a>   |
| 2024 | Alazzam F.A.F., Tubishat B.M.A.-R., Storozhuk O., Poplavska O., Zhyvko Z.   | METHODICAL APPROACH TO THE CHOICE OF A BUSINESS MANAGEMENT STRATEGY WITHIN THE FRAMEWORK OF A CHANGE IN COMMERCIAL ACTIVITIES                  | Article          | <a href="#">_____</a>   |
| 2024 | Abdulameer S.D., Taher N.A., Alatba S.R., Qasim N.H., Dorenskyi O.  | Optimization of Underwater Channel Performance through Polar Code-OFDM Models  | Conference Paper | <a href="#">_____</a>   |
| 2024 | Abu-Alshaer M.J., Abdulkareem S.A., Mustafa F.M., Yakymenko N.  | A Path to Safer Digital Systems Using Proactive Hazard Analysis in Logic Circuit Design  | Conference Paper | <a href="#">_____</a>   |
| 2024 | Smirnov O., Fedorov E., Neskorodieva A., Neskorodieva T.  | Intellectual Classification method of Gymnastic Elements Based on Combinations of Descriptive and Generative Approache                         | Conference Paper | <a href="#">_____</a>   |
| 2024 | Sokolovska I., Vasytkovska K., Mostipan M., Andriienko O., Shcherbyna Y.  | BIOTECHNOLOGICAL METHODS OF POTATO (SOLANUM TUBEROSUM L.) REPRODUCTION IN IN VITRO CULTURE USING ELEMENTS OF CHEMOTHERAPY                      | Article          | <a href="#">_____</a>   |

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|------|--|---|------------------|-------------------------|
| 2024 | Aulin V., Rogovskii I., Lyashuk O., Titova L., Hrynkiv A., Mironov D., Volianskyi M., Rogatynskyi R., Solomka O., Lysenko S. | COMPREHENSIVE ASSESSMENT OF TECHNICAL CONDITION OF VEHICLES DURING OPERATION BASED ON HARRINGTON'S DESIRABILITY FUNCTION                    | Article          | <a href="#">_____</a>   |
| 2024 | Oryekhov M., Zelinska D., Hirdvainis V., Yatsenko V., Mytsenko V.  | MANAGING THE INTELLECTUAL POTENTIAL OF GLOBAL VALUE CHAINS IN THE CONTEXT OF DIGITALIZATION CHALLENGES                                      | Article          | <a href="#">_____</a>   |
| 2024 | Kolodiziev O., Gukaliuk A., Shcherbak V., Riabovolyk T., Androshchuk I., Pas Y.  | THE IMPACT OF REFUGEE STARTUPS ON HOST COUNTRY ECONOMIES: BUSINESS MODELS AND ECONOMIC ADAPTATION   | Article          | <a href="#">_____</a>   |
| 2024 | Khodakivska O., Eneida Ç., Martyniuk M., Kovalov M., Dudar V., Kotsur V.   | Echoes of the Holodomor under Russian occupation  | Article          | <a href="#">_____</a>   |
| 2024 | Shepelenko I., Nemyrovskiy Y., Stepchyn Y., Mahopets S., Melnyk O.   | Creation of a Combined Technology for Processing Parts Based on the Application of an Antifriction Coating and Deforming Broaching          | Conference Paper | <a href="#">_____</a>   |
| 2023 | Yahuzhynska K.   | ANCIENT NUMISMATICS AND COINAGE OF THE BOSPORUS IN THE FRANCOPHONE HISTORIOGRAPHY OF THE XIX CENTURY  | Article          | <a href="#">_____</a>   |
| 2023 | Orlyk V.   | ANCIENT GREEK COINS AND THEIR IMITATIONS FROM THE TERRITORY OF VOLYN  | Article          | <a href="#">_____</a>   |
| 2023 | Shvets O.  | DIE ANALYSIS: CURRENT STATE OF APPLICATION AND PROSPECTS OF DIGITALIZATION OF THE METHOD  | Article          | <a href="#">_____</a>   |
| 2023 | Kotsur V., Orlyk S., Bondarenko O.   | "DIGITIZATION" AND "DIGITALIZATION" IN NUMISMATICS: THEORETICAL, METHODOLOGICAL AND SOURCE STUDIES ASPECTS                                  | Article          | <a href="#">_____</a>   |
| 2023 | Bondarenko O., Kotsur A.   | THEORETICAL AND METHODOLOGICAL PRINCIPLES OF STUDYING EVERYDAY HISTORY: CONTEMPORARY UKRAINIAN HISTORIOGRAPHIC DISCOURSE                    | Article          | <a href="#">_____</a>   |
| 2023 | Alazzam F.A.F., Liubokhynets L., Kirichenko O., Struk N., Bosak A.   | Evaluating the Impact of Transport and Logistics Potential on International Trade   | Article          | <a href="#">_____</a>   |
| 2023 | Tupchiienko M., Hildebrandt-Radke I., Spychalski W., Rud V., Ushkova Y., Makarowicz P.                                       | Geochemical, lithological and archaeological studies on an Early Bronze Age barrow destroyed by modern tillage in Petrove, central Ukraine  | Article          | <a href="#">_____</a>   |
| 2023 | Tupchiyenko M., Shamrai O.   | PARALLELS IN THE INDO-IRANIAN AND OLD SLAVIC MYTHOLOGICAL MODELLING OF THE WORLD (A SOLAR ASPECT)   | Article          | <a href="#">_____</a>   |
| 2023 | Hung M.-L., Babets I.  | Comparison of Foreign Trade Characteristics between Taiwan and Ukraine: Impact on Economic Growth and Threats to National Economic Security | Article          | <a href="#">_____</a>   |
| 2023 | Kuzmenko H., Zakharkina L., Tranchenko O., Galenko O., Chuba N., Petrenko N., Kravchenko V.                                  | Implementation of information technologies in the international accounting system of fuel and energy sector enterprises                     | Conference Paper | <a href="#">_____</a>   |
| 2023 | Havrylova N., Mihai N., Romanchuk S., Tarasevych O., Zhylinska L., Rohoza K.   | Approaches to financing green innovations in the formation of territorial logistic infrastructure   | Conference Paper | <a href="#">_____</a>   |

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| 2023 | Alazzam F.A.F., Tubishat B.M.A.-R., Savchenko O., Pitel N., Diuk O.                        | FORMATION OF AN INNOVATIVE MODEL FOR THE DEVELOPMENT OF E-COMMERCE AS PART OF ENSURING BUSINESS ECONOMIC SECURITY  | Article          | <a href="#">_____</a>   |
| 2023 | Kolisnyk O., Hurina N., Druzhynska N., Holovchak H., Fomina T.                             | INNOVATIVE TECHNOLOGIES IN ACCOUNTING AND AUDITING: THE USE OF BLOCKCHAIN TECHNOLOGY   | Article          | <a href="#">_____</a>   |
| 2023 | Orlyk S., Pavlenko V.  | MONEY ISSUE IN THE LIFE OF THE POPULATION OF KYIV PROVINCE (1797 – 1917)   | Article          | <a href="#">_____</a>   |
| 2023 | Al-Mudhafar Aqeel A.M., Smirnova T., Buravchenko K., Smirnov O.                            | The method of assessing and improving the user experience of subscribers in software-configured networks based on the use of machine learning  | Article          | <a href="#">_____</a>   |
| 2023 | Klymenko V., Skrypnyk O., Zhykharieva N., Sviatskyi V., Bratishko V.                       | Air conditioning system with gas hydrate cold accumulator for railway buildings  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Kuleshkov Y., Chernovol M., Mahopets S., Bevz O., Vorontsov B., Kyrychenko I., Protasov R. | SIMULATION OF THE INSTANT SUPPLY IN GEAR HYDRAULIC MACHINES  | Article          | <a href="#">_____</a>   |
| 2023 | Levchenko O., Levchenko A., Kolisnichenko R., Tsumariiev M., Zaverbnyj A.                  | Formation of a Model of Legal Protection of Competitive Advantages in the System of Innovation Management of Sustainable Development and Planning  | Article          | <a href="#">_____</a>   |
| 2023 | Marchenko O., Guk O., Borutska Y., Pacheva N., Zaichenko V.                                | Ensuring Sustainable Development of the Enterprise during the Transition to Industry 5.0   | Article          | <a href="#">_____</a>   |
| 2023 | Nazarova H., Yurchenko O., Shepel I., Tkal Y., Yaremko I.                                  | Development of Accounting and Auditing in EU Countries: Comparative Aspect   | Review           | <a href="#">_____</a>   |
| 2023 | Nemyrovskiy Y., Shepelenko I., Storchak M.   | Plasticity Resource of Cast Iron at Deforming Broaching  | Article          | <a href="#">_____</a>   |
| 2023 | Matskiv H., Smirnova I., Malikova A., Puhachenko O., Dubinina M.                           | THE APPLICATION OF BLOCKCHAIN TECHNOLOGY IN ACCOUNTING AND AUDITING: EXPERIENCE OF UKRAINE AND KAZAKHSTAN  | Article          | <a href="#">_____</a>   |
| 2023 | Zakharchyn H., Viblyi P., Petrenko M., Butkevych O., Vakun O.                              | A Model for Protecting Competitive Advantages in the System for Managing the Innovative Security of an Engineering Enterprise under the Influence of Digitalization of the Economy   | Article          | <a href="#">_____</a>   |
| 2023 | Kuznetsov O., Frontoni E., Kandy S., Smirnova T., Prokopov S., Bilanovych A.               | New Cost Function for S-boxes Generation by Simulated Annealing Algorithm  | Book Chapter     | <a href="#">_____</a>   |
| 2023 | Kuznetsov O., Frontoni E., Kandy S., Smirnov O., Ulianovska Y., Kobylianska O.             | Heuristic Search for Nonlinear Substitutions for Cryptographic Applications  | Article          | <a href="#">_____</a>   |
| 2023 | Tupchiienko M.   | BELT SETS WITH IMAGES OF EAGLES IN THE SCYTHIAN FUNERARY RITE OF THE EARLY PERIOD 7TH-5TH CENTURIES BC (SEMANTICS AND FUNCTIONS)   | Article          | <a href="#">_____</a>   |
| 2023 | Orlyk V.   | A GROUPING OF CHANCE COIN FINDS FROM THE TIME OF MITHRIDATES VI EUPATOR ON THE TERRITORY OF THE DNIPRO RIGHT-BANK FOREST-STEPPE (IN THE VILLAGES OF MOSHNY, BUDYSCHÉ, AND LOZIVOK OF CHERKASY DISTRICT, CHERKASY PROVINCE) | Article          | <a href="#">_____</a>   |

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| 2023 | Shvets O.  | DIGITAL NUMISMATICS OF ANCIENT ROME: THE CURRENT STATE AND PROSPECTS FOR THE DEVELOPMENT OF ONLINE DATABASES  | Article          | <a href="#">_____</a>   |
| 2023 | Moroz O., Trunina I., Moroz M., Zahorianskyi V., Vasylykivska K.           | Digital Marketing Communications Transformation in Wartime  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Kuznetsov O., Kryvinska N., Ilchenko O., Smirnova T., Ulianovska Y.        | Comparative Analysis of Cryptocurrency Trading Platforms Using the Analytic Hierarchy Process   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Kuznetsov O., Kuznetsova Y., Smirnov O., Kostenko O., Zvieriev V.          | Evaluating Hashing Algorithms in the Age of ASIC Resistance   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Kuznetsov O., Frontoni E., Kuznetsova Y., Smirnov O., Chevardin V.         | Achieving Enhanced Security in Biometric Authentication: A Rigorous Analysis of Code-Based Fuzzy Extractor  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Zavodyannyi V., Voloshyn M., Zubenko V., Teliuta R., Kvitka S.             | Crystal structure of barium manganese vanadate BaMnV2O7 [Кристалічна структура пірванадата BaMnV2O7]  | Article          | <a href="#">_____</a>   |
| 2023 | Yakovenko N.D., Yakymenko S.M.   | Investigation of the stress-strain state of a cylinder with microstructural transformations under pulse loading   | Article          | <a href="#">_____</a>   |
| 2023 | Orlyk V., Pyzyk M.   | A hoard of Pontic coins from the time of Mithridates VI Eupator from the chora of Olbia [Un tezaur de monede pontice din timpul lui Mithridates VI Eupator din chora de la Olbia] [Клад понтийских монет времен Митридата VI Евпатора из хоры Ольвии] | Article          | <a href="#">_____</a>   |
| 2023 | Osadchyi S., Zozulya V., Bereziuk I.                                       | Information Technology and Algorithm for Maximizing Accuracy of Angular Position of Platform for Vertical Takeoff and Landing of the UAV  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Panteleienko V.I., Karpushyn S.O., Chervonoshtan A.L.                      | Interaction of conical monolithic thin-walled reinforced concrete shells with the soil of the foundation  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Vakaliuk T., Trokoz Y., Pokotylo O., Osadchyi V., Smirnov S.               | Modeling Attacks on the DHCP Protocol in the GNS3 Environment and Determining Methods of Security Against Them  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Malyukov V., Bebashko B., Lakhno V., Smirnov O., Malyukova I., Mohylnyi H. | Managing the Purchase-Sale Process of Digital Currencies Under Fuzzy Conditions   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Kozlovskiy O., Trushakov D., Rendzinyak S., Korud V.                       | Development of a UAV-based System for Technical Diagnostics of Overhead Power Lines   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Kuznetsov O., Kandy S., Frontoni E., Smirnov O.                            | Trade-offs in Post-Quantum Cryptography: A Comparative Assessment of BIKE, HQC, and Classic McEliece  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Khudov H., Kostianets O., Kovalenko O., Maslenko O., Solomonenko Y.        | USING SOFTWAREDEFINED RADIO RECEIVERS FOR DETERMINING THE COORDINATES OF LOW-VISIBLE AERIAL OBJECTS   | Article          | <a href="#">_____</a>   |
| 2023 | Mikhav V., Semenov S., Meleshko Y., Yakymenko M., Shulika Y.               | CONSTRUCTNG THE MATHEMATICAL MODEL OF A RECOMMENDER SYSTEM FOR DECENTRALIZED PEER-TO-PEER COMPUTER NETWORKS   | Article          | <a href="#">_____</a>   |
| 2023 | Zabolotko O., Achkevych O., Potapova S., Kisilov R.                        | RESEARCH IN MILKING MACHINE OF PAIRWISE COMBINED TYPE   | Conference Paper | <a href="#">_____</a>   |

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| 2023 | Al-Fraihat A.H., Zatimeh A.A., Alhrout H.H., Al-Dalain S.Y., Mostipan M.                           | The interaction impact of compost and biostimulants on growth, yield and oil content of black cumin ( <i>Nigella sativa</i> L.) plants [O impacto da interação de composto e bioestimulantes no crescimento, rendimento e teor de óleo de plantas de cominho-preto ( <i>Nigella sativa</i> L.)] |                  | <a href="#">_____</a>   |
| 2023 | Pysmennyi S., Chukharev S., Kourouma I.K., Kalinichenko V., Matsui A.                              | Development of Technologies for Mining Ores with Instable Hanging Wall Rocks [Rozwój technologii wydobywania rudy z niestabilnymi wiszącymi skałami]  | Article          | <a href="#">_____</a>   |
| 2023 | Pysmennyi S., Chukharev S., Peremetchyk A., Fedorenko S., Matsui A.                                | Study of Stress Concentration on the Contour of Underground Mine Workings [Badanie koncentracji naprężeń na konturze wyrobisk kopalni podziemnych]  | Article          | <a href="#">_____</a>   |
| 2023 | Serebrennikov B., Petrova K., Serebrennikov S.   | Comprehensive Management of Electricity Demand Distribution in Time [Controlul distribuirii complexe cererii de energie electrică în timp] [Комплексное управление распределением спроса на электрическую энергию во времени]   | Article          | <a href="#">_____</a>   |
| 2023 | Petchenko M., Fomina T., Balaziuk O., Smirnova N., Luhova O.                                       | ANALYSIS OF TRENDS IN THE IMPLEMENTATION OF DIGITALIZATION IN ACCOUNTING (UKRAINIAN CASE)   | Article          | <a href="#">_____</a>   |
| 2023 | Shepelenko I., Nemyrovskiy Y., Lizunkov O., Vasylenko I., Osin R.                                  | The Stress-Deformed State of the Cylinder Liner's Working Surface   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Meleshko Y., Drieieva H., Drieiev O., Yakymenko M., Mikhav V., Shymko S.                           | A Method of Routing of Fractal-like Traffic with Prediction of Router Load for Reduce the Probability of Network Packet Loss  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Gasii G., Hasii O., Skrynnik I., Lizunkov O.   | Numerical Analysis of the Stress-Strain State of Combined Steel and Concrete Structures   | Book Chapter     | <a href="#">_____</a>   |
| 2023 | Trokhaniak V., Spodyniuk N., Lendiel T., Luzan P., Mishchenko A., Tarasenko S., Popa L., Ionita C. | INVESTIGATION OF AN IMPROVED SIDE VENTILATION SYSTEM IN A POULTRY HOUSE USING CFD [ДОСЛІДЖЕННЯ ВДОСКОНАЛЕНОЇ БОКОВОЇ СИСТЕМИ ВЕНТИЛЯЦІЇ В ПТАШНИКУ ЗА ДОПОМОГОЮ CFD]  | Article          | <a href="#">_____</a>   |
| 2023 | Shepelenko I., Solovykh E., Bevz O., Katerynych S., Solovuch A.                                    | Research of the Surface Oil Absorption Processed by Vibration Rolling and Deforming Broaching   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Hutsaliuk O., Havrylova N., Alibekova B., Rakayeva A., Bondar I., Kovalenko Y.                     | Management of Renewable Resources in the Energy Sector: Environmental, Economic and Financial Aspects   | Book Chapter     | <a href="#">_____</a>   |
| 2023 | Aftandiliants Y., Gnyloskurenko S., Meniailo H., Khrychikov V., Lomakin V.                         | Regularities of Crystallization Heat Release During Solidification of Alloyed Cast Irons  | Article          | <a href="#">_____</a>   |
| 2023 | Orlyk M., Kolesnichenko Y.   | THE FINDS OF CAST OLBIAN COINS OF THE SIXTH-FOURTH CENTURIES BEYOND THE BORDERS OF OLBIAN CHORA   | Article          | <a href="#">_____</a>   |
| 2023 | Remyha Y., Zaiarniuk O., Lozova T., Trushkina N., Yakushev O., Korovin Y.                          | Energy-saving technologies for sustainable development of the maritime transport logistics market   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Hutsaliuk O., Levchenko A., Storozhuk O., Zalevskiy A., Doroshenko T., Hryhorash S.                | Directions for increasing the level of environmental friendliness of innovative and investment attractiveness of transport and logistics companies  | Conference Paper | <a href="#">_____</a>   |

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| 2023 | Kharazishvili Y., Bugayko D., Yashchyshyna I., Butorina V., Androshchuk I., Sribnyi O.    | Strategic scenarios of post-war recovery of sustainable development of Poltava region of Ukraine: innovative and environmental aspects   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Hutsaliuk O., Bondar I., Kotsiurba O., Ostapenko O., Skoptsov K., Boiko O.                | Factor-criteria assessment of greening prerequisites for transport infrastructure development in Ukraine   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Shepelenko I., Nemyrovskiy Y., Mahopets S., Lizunkov O., Osin R.                          | Features of Deformation Mechanics in the Deformation Zone During Deforming Broaching of Cast Iron Workpieces   | Conference Paper | <a href="#">_____</a>   |
| 2023 | Reznik N., Palchevich G., Melnyk T., Podpietnii V., Shalimov V.                           | Optimization of Bank Lending in the Context of Modern Realities and Prospects of Financial Market Development  | Conference Paper | <a href="#">_____</a>   |
| 2023 | Lakhno V., Akhmetov B., Smirnov O., Chubaievskiy V., Khorolska K., Bebesheko B.           | Selection of a Rational Composition of Information Protection Means Using a Genetic Algorithm  | Book Chapter     | <a href="#">_____</a>   |
| 2022 | Yermilov V., Orlyk S.   | FORMATION AND DEVELOPMENT OF NAVAL MEDICINE IN SOUTHERN UKRAINE (THE END OF THE XVIIIth – BEGINNING OF THE XXth CENTURY)   | Article          | <a href="#">_____</a>   |
| 2022 | Dmytro A., Leshchenko S., Onopa V., Majara V., Deikun V.                                  | Analysis of the combined coulter point of the precision seed drill   | Article          | <a href="#">_____</a>   |
| 2022 | Panchenko V., Ivanova R., Fedynets N., Viunyk O., Androshchuk I., Guk O.                  | Methodological Approach to the Implementation of Planning in the Management System of Innovative and Production Activities of Enterprises for the Sustainable Economic Development of the Region | Article          | <a href="#">_____</a>   |
| 2022 | Khudov H., Baranik O., Kovalenko O., Yakovenko Y., Chahan Y.                              | The Information Technology for Determining Vehicle Route Based on Ant Colony Algorithms  | Article          | <a href="#">_____</a>   |
| 2022 | Vasytkovska K., Andriienko O., Malakhovska V., Moroz O.                                   | Analysis of changes in comfortable sunflower growing areas using the example of Ukraine  | Review           | <a href="#">_____</a>   |
| 2022 | Strautmanis G., Schukin I., Filimonikhin G., Mezitis M., Carjova K.                       | On the issue of the motion of balls in a double pendulum   | Conference Paper | <a href="#">_____</a>   |
| 2022 | Panchenko V., Ivanova R., Viunyk O., Androshchuk I., Guk O.                               | FORMING A METHODOLOGICAL APPROACH TO THE MANAGEMENT SYSTEM OF INNOVATIVE ACTIVITIES AT ENTERPRISES IN CONDITIONS OF ECONOMIC DEVELOPMENT   | Article          | <a href="#">_____</a>   |
| 2022 | Panchenko V., Rushchyshyn M., Nemchenko T., Shtets T., Kalinin A.                         | Modeling of the Assessment System of the Main Risks of Investing in Engineering Enterprises in the Conditions of the Development of the Knowledge Economy  | Article          | <a href="#">_____</a>   |
| 2022 | Kryshchanovych S., Kornieieva T., Malinovska O., Sokolik L., Bortnikova M.                | SMART Management of Sustainable Development of the Region in the Context of Globalization  | Article          | <a href="#">_____</a>   |
| 2022 | Bulgakov V., Trokhaniak O., Adamchuk V., Chernovol M., Korenko M., Dukulis I., Ivanovs S. | A Study of Dynamic Loads of a Flexible Sectional Screw Conveyor  | Article          | <a href="#">_____</a>   |
| 2022 | Lošonczi P., Britchenko I., Sokolovska O.   | Analysis of the Main Threats to the System of Sustainable Development and Planning of the Region in the Context of Ensuring the Economic Security of the State                                   | Article          | <a href="#">_____</a>   |

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| 2022 | Al-Oraiqat A.M., Smirnova T., Drieiev O., Smirnov O., Polishchuk L., Khan S., Hasan Y.M.Y., Amro A.M., AlRawashdeh H.S. | Method for Determining Treated Metal Surface Quality Using Computer Vision Technology   |                  | <a href="#">_____</a>   |
| 2022 | Student M.M., Markovych S.I., Hvozdetzkyi V.M., Kalakhan O.S., Yuskiv V.M.  | Abrasive Wear Resistance and Tribological Characteristics of Electrometallized Composite Coatings   | Article          | <a href="#">_____</a>   |
| 2022 | Palchevich G.T., Sydorenko O.V., Panasiuk V.M., Horlachuk M.A., Ivanova A.M., Yazlyuk B.O.                              | Problems of financing research and construction works on Ukrainian enterprises  | Conference Paper | <a href="#">_____</a>   |
| 2022 | Osadchy S.I., Zozulya V.A., Bereziuk I.A., Melnichenko M.M.   | Stabilization of the Angular Position of Hexapod Platform on Board of a Ship in the Conditions of Motions   |                  | <a href="#">_____</a>   |
| 2022 | Strautmanis G., Schukin I., Filimonikhin G., Mezitis M., Kurjanovics I., Irbe I.  | On the Issue of Collision of Balls in an Auto-Balancing Device  | Article          | <a href="#">_____</a>   |
| 2022 | Al-Oraiqat A.M., Ulichev O.S., Meleshko Y.V., AlRawashdeh H.S., Smirnov O.O., Polishchuk L.I.                           | Modeling strategies for information influence dissemination in social networks  | Article          | <a href="#">_____</a>   |
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| 2022 | Okhrimenko T., Brednikov A., Smirnova T., Les I., Komova M., Melnychenko P.   | Model of the information management systems implementation in the sector of critical infrastructure of the state  | Conference Paper | <a href="#">_____</a>   |
| 2022 | Smirnov O., Sydorenko V., Aleksander M., Zhyharevych O., Yenchov S.   | Simulation of the cloud IoT-based monitoring system for critical infrastructures  | Conference Paper | <a href="#">_____</a>   |
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| 2022 | Kuzmin V., Solomentsev O., Zaliskyi M., Petrova Y., Zharova O., Yankov M.   | Method of mathematical model building with segmented parabolic regression usage   | Conference Paper | <a href="#">_____</a>   |
| 2022 | Skibinskyi O.I., Hnatiuk A.O.   | A Novel Design of Cutting Tool for Efficient Finishing of G-Rotors  | Book Chapter     | <a href="#">_____</a>   |
| 2022 | Ivanov M., Tupciyenko M.  | Cultural Interactions Between the Societies of the ‘Old Europe’ and the Steppe ‘Kurgan People’ During the Last Quarter of the 4th Millennium BC: Case Study of Serezlivka Local Group [Kultūrinės sąveikos tarp žemdirbių ir klajoklių visuomenių paskutiniame IV tūkst. pr. Kr. ketvirtyje: Serezlivkos lokalinės grupės atvejo analizė] | Article          | <a href="#">_____</a>   |
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| 2022 | Kononenko L., Atamas O., Nazarova H., Selishcheva Y., Kononenko S.   | Optimization of Small Agricultural Producer's Taxation by Creating Innovative-Integrated Structures [Оптимізація оподаткування дрібнотоварного сільськогосподарського виробника шляхом створення інноваційно-інтегрованих структур]                | Article          | <a href="#">_____</a>   |
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| 2021       | Neskorodieva T., Fedorov E., Smirnov O., Rymar P.  | Neural Network Modeling Method of Transformations Data of Audit Production with Returnable Waste  | Conference Paper      | <a href="#">_____</a>          |
| 2021       | Kuznetsov A., Smirnov O., Zhora V., Onikiychuk A., Pieshkova O.  | Hiding Messages in Audio Files Using Direct Spread Spectrum   | Conference Paper      | <a href="#">_____</a>          |
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| 2020 | Alimseitova Zh., Adranova A., Akhmetov B., Lakhno V., Zhilkishbayeva G., Smirnov O.A.  | Models and algorithms for ensuring functional stability and cybersecurity of virtual cloud resources  | Article          | <a href="#">_____</a>   |
| 2020 | Tymoshenko A., Saganovskaia L., Danylko O., Osadchy S.                                 | Model of calculating the weight and centering of the airship with measurement errors  | Book Chapter     | <a href="#">_____</a>   |
| 2020 | Shalimova N., Zagirniak D.   | The Education Impact on 'Expectations Gap' in Auditing and Other Assurance in Specific Industries   | Conference Paper | <a href="#">_____</a>   |
| 2020 | Marchenko D., Dykha A., Aulin V., Matvyeyeva K., Tishechkina K., Kurepin V.            | Development of Technology and Research of Method of Electric Hydropulse Hardening of Machine Parts  | Conference Paper | <a href="#">_____</a>   |
| 2020 | Trushakov D., Kozlovskiy O., Rendzinyak S., Fedotova M., Korud V.                      | Automated System for Measuring the Temperature of the Desiccator  | Conference Paper | <a href="#">_____</a>   |
| 2020 | Ivanov O., Prysyzhnyuk P., Lutsak D., Matviienkiv O., Aulin V.                         | Improvement of Abrasion Resistance of Production Equipment Wear Parts by Hardfacing with Flux-Cored Wires Containing Boron Carbide/Metal Powder Reaction Mixtures | Article          | <a href="#">_____</a>   |
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| 2020 | Shekhanin K., Kuznetsov A., Krasnobayev V., Smirnov O.                                 | Detecting hidden information in fat   | Article          | <a href="#">_____</a>   |
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| 2020 | Tsarenko I.O., Tsarenko O.O.   | THE STRATEGIES OF FOREIGNIZATION AND DOMESTICATION DURING THE TRANSLATION OF INTERNATIONAL ADVERTISING AND FILMS [СТРАТЕГІЇ ФОРЕНІЗАЦІЇ ТА ДОМЕСТИКАЦІЇ ПРИ ПЕРЕКЛАДІ МІЖНАРОДНОЇ РЕКЛАМИ ТА ПРОДУКТІВ КІНО- ТА ТЕЛЕІНДУСТРІЇ]  | Article        | <a href="#">_____</a>   |
| 2020 | Serebrennikov B.S., Petrova K.H., Serebrennikov S.V., Savelenko I.V.                             | Economic Incentives for the Modernization of the Electricity Distribution System Operators' Network Infrastructure [Stimulente economice pentru operatorii sistemului de distribuție a energiei electrice întru modernizarea tehnică a infrastructurii rețelei] [Экономическое стимулирование операторов системы распределения электрической энергии к технической модернизации сетевой инфраструктуры] | Article        | <a href="#">_____</a>   |
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| 2020 | Filimonikhina I., Deikun V., Ienina I., Mezitis M., Pirogov V., Strautmanis G., Yakimenko S.                               | Identifying the conditions for the occurrence of static self-balancing for an assymmetric rotor on two isotropic elastic supports                          | Article          | <a href="#">_____</a>   |
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| 2019 | Aulin V., Hrynkiv A., Lysenko S., Zamota T., Pankov A., Tykhyi A.                                     | Determining the rational composition of tribologically active additive to oil to improve characteristics of tribosystems                      | Article          | <a href="#">_____</a>   |
| 2019 | Aulin V., Lyashuk O., Hrynkiv A., Lysenko S., Zamota T., Vovk Y., Pankov A., Tykhyi A., Horkunenko A. | Determination of the rational composition of the additive to oil with the use of the katernivka friction geo modifier                         | Article          | <a href="#">_____</a>   |
| 2019 | Ulichev O.S., Meleshko Y.V., Sawicki D., Smailova S.  | Computer modeling of dissemination of informational influences in social networks with different strategies of information distributors       | Conference Paper | <a href="#">_____</a>   |
| 2019 | Klymenko V., Gutsul V., Bondarenko V., Martynenko V., Stets P.  | Modeling of the kinetics of the gas hydrates formation on the basis of a stochastic approach  | Article          | <a href="#">_____</a>   |
| 2019 | Aulin V., Hrynkiv A., Lysenko S., Lyashuk O., Zamota T., Holub D.                                     | Studying the tribological properties of mated materials C61900-A48-25BC1.25BNO. 25 in composite oils containing geomodifiers                  | Article          | <a href="#">_____</a>   |

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| 2019 | Bulekbaeva G., Kikvidze O.G., Lakhno V., Brzhanov R., Tabylov A., Smirnov S.                                     | Computer simulation in the MathCAD package of plastic deformation of the deposited layer on the flat surface of the part                  | Article          | <a href="#">_____</a>   |
| 2019 | Potyshniak O., Dobuliak L., Filippov V., Malakhovskiy Y., Lozova O.  | Assessment of the effectiveness of the strategic management system of investment activities of companies                                  | Article          | <a href="#">_____</a>   |
| 2019 | Moskovchenko I., Kuznetsov A., Kavun S., Akhmetov B., Bilozertsev I., Smirnov S.                                 | Heuristic methods for the design of cryptographic Boolean functions   | Article          | <a href="#">_____</a>   |
| 2019 | Mytsenko I., Synytsia L., Romaniuk L., Mytsenko V., Reshytko T.  | Investment security models in mergers and acquisition agreements for international corporations   | Article          | <a href="#">_____</a>   |
| 2019 | Dariienko V., Artemenko D., Lizunkov O., Plotnikov O.  | Results of numerical modeling the stress-strain state of damaged reinforced concrete columns in the middle row of the industrial building | Conference Paper | <a href="#">_____</a>   |
| 2019 | Bezrodna O., Ivanova Z., Onyshchenko Y., Lypchanskyi V., Rymar S.  | Systemic risk in the banking system: Measuring and interpreting the results   | Review           | <a href="#">_____</a>   |
| 2019 | Aulin V., Derkach O., Makarenko D., Hrynkiv A., Pankov A., Tykhyi A.   | Analysis of tribological efficiency of movable junctions "polymeric-composite materials - steel"  | Article          | <a href="#">_____</a>   |
| 2019 | Tkachenko S., Shatskaya Z., Dashchenko N., Mu J., Malakhovskiy Y.  | Organizational maintenance of internal control of electronic money at the enterprise  | Article          | <a href="#">_____</a>   |
| 2019 | Filimonikhin G., Filimonikhina I., Ienina I., Rahulin S.   | A procedure of studying stationary motions of a rotor with attached bodies (auto-balancer) using a flat model as an example               | Article          | <a href="#">_____</a>   |
| 2019 | Kondratets V., Matsui A., Yatsun V., Lichuk M.   | Identification of energy efficiency of ore grinding and the liner wear by a threephase motion of balls in a mill                          | Article          | <a href="#">_____</a>   |
| 2019 | Aulin V., Lysenko S., Lyashuk O., Hrinkiv A., Velykodnyi D., Vovk Y., Holub D., Chernai A.                       | Wear resistance increase of samples tribomating in oil composite with geo modifier KgMf-1   | Article          | <a href="#">_____</a>   |
| 2019 | Gnatyuk V., Smirnov S., Aleksander M., Kharlai L., Bauyrzhan M., Kokareva A.                                     | Intelligent method for CSIRT performance evaluation in critical information infrastructure  | Conference Paper | <a href="#">_____</a>   |
| 2019 | Plieshkov P.H., Zinzura V.V., Plieshkov S.P.   | Automatic control of electrical distribution network mode with the voltage unbalance  | Article          | <a href="#">_____</a>   |
| 2019 | Aulin V., Hrynkiv A., Lysenko S., Dykha A., Zamota T., Dzyura V.   | Exploring a possibility to control the stressed-strained state of cylinder liners in diesel engines by the tribotechnology of alignment   | Article          | <a href="#">_____</a>   |
| 2019 | Bukhtiarova A., Dukhno Y., Kulish G., Kurochkina I., Lypchanskyi V.  | Ensuring transparency of key public finance authorities   | Article          | <a href="#">_____</a>   |
| 2019 | Aulin V., Lyashuk O., Pavlenko O., Velykodnyi D., Hrynkiv A., Lysenko S., Holub D., Vovk Y., Dzyura V., Sokol M. | Realization of the logistic approach in the international cargo delivery system   | Article          | <a href="#">_____</a>   |
| 2019 | Aulin V., Hrynkiv A., Lysenko S., Rohovskii I., Chernovol M., Lyashuk O., Zamota T.                              | Studying truck transmission oils using the method of thermaloxidative stability during vehicle operation                                  | Article          | <a href="#">_____</a>   |
| 2019 | Kuznetsov A., Kovalchuk D., Kuznetsova K., Pastukhov M., Smirnov O., Prokopovych-Tkachenko D.                    | Discrete signals with special correlation properties  | Conference Paper | <a href="#">_____</a>   |
| 2019 | Kuznetsov A., Kiian A., Kuznetsova K., Ivko T., Smirnov O., Prokopovych-Tkachenko D.                             | Soft decoding based on ordered subsets of verification equations of turbo-productive codes  | Conference Paper | <a href="#">_____</a>   |
| 2019 | Vasytkovska K.V., Vasytkovskiy O.M., Sviren M.O., Petrenko D.I., Moroz M.M.                                      | Determining the parameters of the device for inertial removal of excess seed  | Article          | <a href="#">_____</a>   |

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| 2019 | Oleksii V., Kateryna V., Serhii M., Mykola S., Larysa S.                                | The influence of basic parameters of separating conveyor operation on grain cleaning quality   | Article          | <a href="#">_____</a>   |
| 2019 | Malakhovskiy Y., Gamaliy V., Zhovnovach R., Kulazhenko V., Cherednichenko M.            | Assessment of the risks of entrepreneurship as a prerequisite for the implementation of innovation projects  | Article          | <a href="#">_____</a>   |
| 2018 | Osadchy S., Zubenko V., Fedotova M.   | Synthesis of an Optimal Stochastic Stabilization System for an Unstable Multivariable Object with Time Delays in Controls  | Conference Paper | <a href="#">_____</a>   |
| 2018 | Levchenko O.M., Levchenko A.O., Horpynchenko O.V., Tsarenko I.O.                        | The impact of lifelong learning on the country's development in dimension of innovative oriented economy: Comparative analysis                                       | Article          | <a href="#">_____</a>   |
| 2018 | Aulin V., Lyashuk O., Tykhyi A., Karpushyn S., Denysiuk N.                              | Influence of rheological properties of a soil layer adjacent to the working body cutting element on the mechanism of soil cultivation                                | Article          | <a href="#">_____</a>   |
| 2018 | Osadchy S., Zubenko V., Yakoreva M.   | Synthesis of an optimal combined multivariable stabilization system for adsorption process control   | Book Chapter     | <a href="#">_____</a>   |
| 2018 | Trushakov D., Kozlovskiy O., Rendzinyak S.  | Simulation of U-shaped eddy-current converter of transformer type for defective monitoring in ferromagnetic samples  | Conference Paper | <a href="#">_____</a>   |
| 2018 | Bondarenko V., Svetkina O., Sai K., Klymenko V.   | Investigation of the influence of polyelectrolytes hydrodynamic properties on the hydrateformation process   | Conference Paper | <a href="#">_____</a>   |
| 2018 | Semko O., Dariienko V., Sirobaba V.   | Deformability of short steel reinforced concrete structures on light concrete  | Article          | <a href="#">_____</a>   |
| 2018 | Gamaliy V., Shalimova N., Zhovnovach R., Zahreba M., Levchenko A.                       | Exchange rates: The influence of political and economic events. A fundamental analysis approach  | Article          | <a href="#">_____</a>   |
| 2018 | Prysyazhnyuk P., Lutsak D., Shlapak L., Aulin V., Lutsak L., Borushchak L., Shihab T.A. | Development of the composite material and coatings based on niobium carbide  | Article          | <a href="#">_____</a>   |
| 2018 | Yatsun V., Filimonikhina I., Podoprygora N., Hurievska O.                               | Motion equations of the single-mass vibratory machine with a rotaryoscillatory motion of the platform and a vibration exciter in the form of a passive auto-balancer | Article          | <a href="#">_____</a>   |
| 2018 | Balatskiy I., Andrieieva V., Solodovnik O., Lypchanskiy V.                              | Research and methodological basis for ensuring the financial security of banks in Ukraine  | Article          | <a href="#">_____</a>   |
| 2018 | Vasytkovska K.V., Vasytkovskiy O.M., Sviren M.O., Kulik G.A.                            | Analysis of the works performed by pneumatic and mechanical seeding device without using vacuum  | Article          | <a href="#">_____</a>   |
| 2018 | Kozlovskiy O., Trushakov D., Rendzinyak S.  | Temperature influence of load current of overhead electrical distribution networks in difficult weather conditions   | Article          | <a href="#">_____</a>   |
| 2018 | Moroz M., Korol S., Chernenko S., Boiko Y., Vasytkovskiy O.                             | Driven camshaft power mechanism of the vehicle diesel engine fuel pump   | Article          | <a href="#">_____</a>   |
| 2018 | Dmytryshyn B., Zhovnovach R., Levchenko O., Malakhovskiy Y., Gonchar V.                 | Practical aspects of assessing the efficiency of the modern system of public procurement in Ukraine  | Article          | <a href="#">_____</a>   |
| 2018 | Yatsun V., Filimonikhin G., Nevdakha A., Pirogov V.                                     | Experimental study into rotational-oscillatory vibrations of a vibration machine platform excited by the ball auto-balancer  | Article          | <a href="#">_____</a>   |
| 2018 | Ponomarenko T., Prokopenko O., Kuzmenko H., Kaminska T., Luchyk M.                      | Banking security of Ukraine: Current state and ways to improve   | Review           | <a href="#">_____</a>   |



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| 2018 | Olijnichenko L., Filimonikhin G., Nevdakha A., Pirogov V.   | Patterns in change and balancing of aerodynamic imbalance of the lowpressure axial fan impeller  | Article          | <a href="#">_____</a>   |
| 2018 | Yatsun V., Filimonikhin G., Haleeva A., Nevdakha A.   | On stability of the dual-frequency motion modes of a single-mass vibratory machine with a vibrat ion exciter in the form of a passive auto-balancer            | Article          | <a href="#">_____</a>   |
| 2018 | Aulin V., Hrinkiv A., Dykha A., Chernovol M., Lyashuk O., Lysenko S.  | Substantiation of diagnostic parameters for determining the technical condition of transmission assemblies in trucks   | Article          | <a href="#">_____</a>   |
| 2018 | Yatsun V., Filimonikhin G., Dumenko K., Nevdakha A.   | Search for the dual-frequency motion modes of a dual-mass vibratory machine with a vibration exciter in the form of passive auto-balancer                      | Article          | <a href="#">_____</a>   |
| 2018 | Olijnichenko L., Hruban V., Lichuk M., Pirogov V.   | On the limited accuracy of balancing the axial fan impeller by automatic ball balancers  | Article          | <a href="#">_____</a>   |
| 2017 | Osadchy S.I., Ladanyuk A.P., Zozulya V.A., Vikhrova L.G., Kalich V.M.   | Optimal control of leader-following robots under random effects  | Conference Paper | <a href="#">_____</a>   |
| 2017 | Krivososenko O.P., Osadchy S.I.   | Synthesis of an optimal stabilization system structure for UAV of a helicopter type  | Conference Paper | <a href="#">_____</a>   |
| 2017 | Levchenko O.M., Levchenko A.O., Horpynchenko O.V., Tsarenko I.O.  | The impact of higher education on national economic and social development: Comparative analysis   | Article          | <a href="#">_____</a>   |
| 2017 | Skibinskyi O.I., Hnatiuk A.O.   | Research on kinematics of contact interaction of cycloidal profiles in gerotor gearing   | Article          | <a href="#">_____</a>   |
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| 2017 | Filimonikhina I., Gutsul V., Dumenko K., Nevdakha Y.  | Search for the conditions for the occurrence of auto-balancing in the framework of a planar model of the rotor mounted on anisotropic viscous-elastic supports | Article          | <a href="#">_____</a>   |
| 2017 | Nesterenko A.V., Leshchenko S.M., Vasytkovskyi O.M., Petrenko D.I.  | Analytical assessment of the pneumatic separation quality in the process of grain multilayer feeding   | Article          | <a href="#">_____</a>   |
| 2017 | Aulin V.V., Chernovol M.I., Pankov A.O., Zamota T.M., Panayotov K.K.  | Sowing machines and systems based on the elements of fluidics  | Article          | <a href="#">_____</a>   |
| 2017 | Mostypan M.I., Vasytkovska K.V., Andriyenko O.O., Reznichenko V.P.  | Modern aspects of tilled crops productivity forecasting  | Article          | <a href="#">_____</a>   |
| 2017 | Yatsun V., Filimonikhin G., Dumenko K., Nevdakha A.   | Equations of motion of vibration machines with a translational motion of platforms and a vibration exciter in the form of a passive auto-balancer              | Article          | <a href="#">_____</a>   |
| 2017 | Kondratets V.A., Matsui A.N., Surtel W., Amirgaliyev Y., Kovalenko V., Iskakova A.  | Research and neutralizing of spiral deterioration impact to the accuracy of measuring of the volume of sand classifier   | Conference Paper | <a href="#">_____</a>   |
| 2017 | Bohatyrov D.V., Salo V.M., Kyslun O.A., Skrynnik I.O., Kisilov R.V.   | Influence of equal-area projection of the cylinder drum's cross-section height on the description accuracy of its overcoming the air resistance force          | Article          | <a href="#">_____</a>   |
| 2017 | Guryanova L., Nikolaiev I., Zhovnovach R., Milevskiy S., Ivakhnenko O., Panasenko O., Prokopovych S., Chagovets L., Vasylenko D., Rudachenko O. | Modeling of the enterprise functioning stability using the automatic control theory apparatus  | Article          | <a href="#">_____</a>   |

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| 2017 | Goncharov V., Dumenko K., Nevdakha A., Pirogov V.                   | Parameter optimization of the centrifugal juicer with the ball autobalancer under the impulse change of an unbalance by 3D modeling                 | Article          | <a href="#">_____</a>   |
| 2017 | Filimonikhin G., Filimonikhina I., Dumenko K., Pirogov V.           | Methods of balancing of an axisymmetric flexible rotor by passive auto-balancers  | Article          | <a href="#">_____</a>   |
| 2017 | Dykha A., Aulin V., Makovkin O., Posonskiy S.                       | Determining the characteristics of viscous friction in the sliding supports using the method of pendulum  | Article          | <a href="#">_____</a>   |
| 2017 | Yatsun V., Filimonikhin G., Dumenko K., Nevdakha A.                 | Experimental research of rectilinear translational vibrations of a screen box excited by a ball balancer  | Article          | <a href="#">_____</a>   |
| 2017 | Filimonikhin G., Filimonikhina I., Yakymenko M., Yakimenko S.       | Application of the empirical criterion for the occurrence of auto-balancing for axisymmetric rotor on two isotropic elastic supports                | Article          | <a href="#">_____</a>   |
| 2017 | Ilimonikhin G.F., Yatsun V.   | Conditions of replacing a single-frequency vibro-exciter with a dual-frequency one in the form of passive auto-balancer                             | Article          | <a href="#">_____</a>   |
| 2017 | Olijnichenko L., Goncharov V., Sidei V., Horpynchenko O.            | Experimental study of the process of the static and dynamic balancing of the axial fan impeller by ball autobalancers                               | Article          | <a href="#">_____</a>   |
| 2017 | Goncharov V., Filimonikhin G., Nevdakha A., Pirogov V.              | An increase of the balancing capacity of ball or roller-type auto-balancers with reduction of time of achieving auto-balancing                      | Article          | <a href="#">_____</a>   |
| 2016 | Melnichenko M.M., Osadchy S.I., Zozulya V.A.                        | Identification of the signals in position control circuits of a hexapod platform  | Conference Paper | <a href="#">_____</a>   |
| 2016 | Osadchii S.I., Prokofieva I.  | Optimal stabilization system analysis of unstable multivariate movable object   | Conference Paper | <a href="#">_____</a>   |
| 2016 | Stezhko N.  | Global indices in assessment of the global food problem and its impact factor   | Article          | <a href="#">_____</a>   |
| 2016 | Voitiuk V., Trushakov D., Rendzinyak S.                             | The defining of influence on the pollution of the electrodes impact of the conductive controvert cross-sectional fluid flow on its outbound current | Conference Paper | <a href="#">_____</a>   |
| 2016 | Vasytkovska K.V., Leshchenko S.M., Vasytkovskyi O.M., Petrenko D.I. | Improvement of equipment for basic tillage and sowing as initial stage of harvest forecasting   | Article          | <a href="#">_____</a>   |
| 2016 | Koltun P., Klymenko V.  | Methane hydrates - Australian perspective   | Article          | <a href="#">_____</a>   |
| 2016 | Orlyk V.  | A coin hoard of pre-reform shillings of the grand master Michael Kuchmeister von Sternberg found in Chernihivschyna                                 | Review           | <a href="#">_____</a>   |
| 2016 | Lutsak D., Prysyzhnyuk P., Burda M., Aulin V.                       | Development of a method and an apparatus for tribotechnical tests of materials under loose abrasive friction  | Article          | <a href="#">_____</a>   |
| 2016 | Shepelenko I.V., Arifa W., Sherkun V.V.                             | Restoration of bronze bushes by the method of surface plastic deformation   | Article          | <a href="#">_____</a>   |
| 2016 | Aulin V., Arifa W., Lysenko S., Kuzyk A.                            | Improving of the wear resistance of working parts agricultural machinery by the implementation of the effect of self-sharpening                     | Article          | <a href="#">_____</a>   |

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| 2016 | Goncharov V., Filimonikhin G., Dumenko K., Lychuk M.     | Studying the peculiarities of balancing of flexible double-support rotors by two passive automatic balancers placed near supports                    | Article          | <a href="#">_____</a>   |
| 2016 | Filimonikhin G., Yatsun V., Lichuk M., Filimonikhina I.  | Research by a 3D modelling of the screen box flat translatory vibrations excited by a ball auto-balancer   | Article          | <a href="#">_____</a>   |
| 2016 | Goncharov V., Nevdakha A., Nevdakha Y., Gutsul V.        | Research of stability and transition processes of the flexible double-support rotor with auto-balancers near support                                 | Article          | <a href="#">_____</a>   |
| 2016 | Filimonikhin G., Yatsun V., Dumenko K.                   | Research into excitation of dual frequency vibrational-rotational vibrations of screen duct by ball-type auto-balancer                               | Article          | <a href="#">_____</a>   |
| 2016 | Kornieieva T.S.  | Rating method to estimate the impact of enterprise development factors on labour efficiency  | Article          | <a href="#">_____</a>   |
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| 2015 | Osadchy S.I., Zozulya V.A., Rudiuk G.I.                  | The dynamics of 3-dimensional micro-mechanic sensor of angle motions of a robot-hexapod  | Conference Paper | <a href="#">_____</a>   |
| 2015 | Kozlovskiy O., Trushakov D., Rendzinyak S.               | Icing sensor on the overhead powerlines wires  | Conference       | <a href="#">_____</a>   |
| 2015 | Studenets' S.F., Eryomin P.M., Chernyavs'kyi O.V.        | The influence of deformation conditions on the structure and hardening of cast iron surface layer in machining with combined carbide broaches        | Article          | <a href="#">_____</a>   |
| 2015 | Osadchy S., Zozulya V., Timoshenko A.                    | The dynamic characteristics of a manipulator with parallel kinematic structure based on experimental data  | Book Chapter     | <a href="#">_____</a>   |
| 2015 | Goncharov V.V., Filimonikhin G.B.                        | Form and structure of differential equations of motion and process of auto-balancing in the rotor machine with auto-balancers                        | Article          | <a href="#">_____</a>   |
| 2015 | Mirzak V., Bokov V.                                      | The influence of mechanical error compensator on the quality of thin-sheet separating stamping   | Article          | <a href="#">_____</a>   |
| 2015 | Savelenko G.   | The method of automatic determination of arc sizing machining process stability  | Article          | <a href="#">_____</a>   |
| 2015 | Filimonikhin G., Yatsun V.                               | Method of excitation of dual frequency vibrations by passive autobalancers   | Article          | <a href="#">_____</a>   |
| 2015 | Filimonikhin G., Olijnichenko L.                         | Investigation of the possibility of balancing aerodynamic imbalance of the impeller of the axial fan by correction of masses                         | Article          | <a href="#">_____</a>   |
| 2015 | Matsui A.  | The features of the specific ore types grinding automated control in the ore preparation process   | Article          | <a href="#">_____</a>   |
| 2014 | Osadchij S.I., Zubenko V.O., Macuj A.M.                  | Modernized multidimensional Wiener filtering of navigational information with noise correction   | Conference Paper | <a href="#">_____</a>   |
| 2014 | Osadchy S.I., Zozulya V.A.                               | Optimal filtering of hexapod acceleration data obtained under action of electromagnetic interference   | Conference Paper | <a href="#">_____</a>   |
| 2014 | Melnychenko M.M., Didyk O.K., Serbul O.M.                | The dynamic validation of the three-component microelectromechanical speed gyro  | Conference Paper | <a href="#">_____</a>   |

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| 2014 | Goncharov V., Filimonikhin G.                                | Parameter optimization of 3D models of centrifugal juicer with autobalancer by minimization of steady vibroacceleration   | Article          | <a href="#">_____</a>   |
| 2014 | Trushakov D., Rendzinyak S., Vasylychshyn I.                 | Determining of complex magnetic permeability of the ferromagnetic material by complex impedance of inductance coil with ferromagnetic core [Wyznaczenie zespolonej przenikalności magnetycznej przez pomiar zespolonej indukcyjności] | Article          | <a href="#">_____</a>   |
| 2014 | Parhomenko Yu.M.   | An approach to adaptive control process of seeding based on the identification of grain flow  | Article          | <a href="#">_____</a>   |
| 2014 | Zhovnovach R.I.  | Satisfaction of consumers' demand as the basis for planning competitiveness of agricultural machinery enterprises   | Article          | <a href="#">_____</a>   |
| 2014 | Komarova O.  | Actual problems of the population's educational potential usage   | Article          | <a href="#">_____</a>   |
| 2013 | Osadchiy S.I., Kalich V.M., Didyk O.K.                       | Structural identification of unmanned supercavitation vehicle based on incomplete experimental data   | Conference Paper | <a href="#">_____</a>   |
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| 2013 | Osadchiy S.I., Zozulya V.A.                                  | Combined method for the synthesis of optimal stabilization systems of multidimensional moving objects under stationary random impacts   | Article          | <a href="#">_____</a>   |
| 2013 | Zinovik M.A., Zinovik E.V.                                   | Effect of the geometry and microstructural heterogeneity of ferritic elements on the magnetic hysteresis loop   | Article          | <a href="#">_____</a>   |
| 2013 | Trushakov D., Rendzinyak S.                                  | Research of the reliability of personal computer "IBM PC" type [Badania niezawodności komputerów osobistych typu "IBM PC"]  | Article          | <a href="#">_____</a>   |
| 2013 | Shchekovych O.S., Khorolskyi V.P., Khorolskyi K.D.           | Strategic management of development of PJSCs within metinvest group   | Article          | <a href="#">_____</a>   |
| 2013 | Zinovik M.A., Zinovik E.V.                                   | Secondary microstructure and its effect on the functional properties of Mg-Mn-Zn-Ca-Fe-O ferrites   | Article          | <a href="#">_____</a>   |
| 2011 | Denisenko P.N.   | Lanczos $\tau$ -method regularization algorithm and its algebraic-programming implementation  | Article          | <a href="#">_____</a>   |
| 2009 | Martinov V., Trushakov D.                                    | Modeling interrelation of a rod-type eddy-current transformer with a tested ferromagnetic specimen  | Article          | <a href="#">_____</a>   |
| 2008 | Solovykh E.K., Lyashenko B.A., Dmitriev Yu.V., Borisov Yu.S. | Optimization of the procedure of plasma spraying of erosion-resistant coatings according to strength criteria   | Article          | <a href="#">_____</a>   |
| 2007 | Brayko P.G.  | On the motion of the azimuthal magnetic field in the solar convective zone and regions adjoining it   | Article          | <a href="#">_____</a>   |
| 2007 | Blokhin L.N., Osadchiy S.I., Bezkorovainyi Y.N.              | Technology of structural identification and subsequent synthesis of optimal stabilization systems for unstable dynamic objects  | Article          | <a href="#">_____</a>   |
| 2007 | Filimonikhin G.B., Pirogov V.V., Filimonikhina I.I.          | Attitude stabilization of the rotational axis of a carrying body by pendulum dampers  | Article          | <a href="#">_____</a>   |
| 2007 | Filimonikhina I.I., Filimonikhin G.B.                        | Conditions for balancing a rotating body in an isolated system with automatic balancers   | Article          | <a href="#">_____</a>   |

| Рік  | П.І.Б. НПП                                      | Назва публікації   | Тип публікації   | Посилання на публікацію |
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| 2005 | Zinovik E.V., Zinovik M.A.                      | Structure and properties of ferrites based on CuFe <sub>2</sub> O <sub>4</sub>   | Article          | <a href="#">_____</a>   |
| 2005 | Filimonikhin G.B., Pirogov V.V.                 | Stabilization of the rotation axis of a solid by coupled perfectly rigid bodies  | Article          | <a href="#">_____</a>   |
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| 2005 | Zinovik E.V., Zinovik M.A.                      | Structure and properties of ferrites based on CuFe <sub>2</sub> O <sub>4</sub>   | Article          | <a href="#">_____</a>   |
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