



**Бібліографічний список публікацій
науковців СНУ ім. В. Даля у виданнях, що проіндексовані
наукометричними базами Scopus та Web of Science у 2020 році**

Scopus:

1. Abuzarova, K., Korchuganova, O. 2020, «Nanosized Iron Oxyhydroxide: Properties, Application, Preparation», Journal of Physics: Conference Series.
2. Rogovyi, A., Korohodskyi, V., Medvediev, Ie. 2021, «Influence of Bingham fluid viscosity on energy performances of a vortex chamber pump», Energy, Vol.218.
3. Antoshchenko, M., Filatieva, E., Yefimtsev, V., Tarasov, V. 2020, «Peculiarities of using classification indicators of the coal metamorphism degree for predicting the hazardous coal seams properties», E3S Web of Conferences.
4. Arlinskii, Y., Hassi, S. 2020, «Stieltjes and inverse Stieltjes holomorphic families of linear relations and their representations», Studia Mathematica, Vol.252, No. 2, pp. 129-167.
5. Arlinskiï, Y., Tretter, C. 2020, «Everything is possible for the domain intersection $\text{dom } T \cap \text{dom } T^*$ », Advances in Mathematics, Vol.374.
6. Arlinskiï, Y.M. 2020, «Shorting, parallel addition and form sums of nonnegative selfadjoint linear relations», Linear Algebra and Its Applications, Vol.599, pp. 156-200.
7. Arsentieva, O., Klius, Y. 2020, «The legal fundamentals for the sustainable development of the industrial enterprises while the introduction of the innovative functional units», European Journal of Sustainable Development, Vol.9, No. 2, pp. 451-466.

8. Belkin, D.I., Demchenko, O.A. 2020, «A Mathematical Model of the Synthesis of Pentaerythritol», *Kinetics and Catalysis*, Vol.61, No. 3, pp. 374-383.
9. Biloborodova, T., Skarga-Bandurova, I., Berezhnyi, O., Nesterov, M., Skarha-Bandurov, I. 2020, «Multimodal smartphone-based system for long-term monitoring of patients with parkinson's disease», *Advances in Intelligent Systems and Computing*, 1137 AISC, pp. 626-636.
10. Bocheliuk, V.Y., Zavatska, N.Y., Bokhonkova, Y.O., Toba, M.V., Panov, N.S. 2020, «Emotional burnout: Prevalence rate and symptoms in different socio-professional groups», *Journal of Intellectual Disability - Diagnosis and Treatment*, Vol.8, No. 1, pp. 33-40.
11. Calinescu, T., Zelenko, O. 2020, «Growth Regulators for Viable Production in Conditions of Formation the Responsible International Cooperation», *E3S Web of Conferences*.
12. Derkach, M., Matiuk, D., Skarga-Bandurova, I. 2020, «Obstacle Avoidance Algorithm for Small Autonomous Mobile Robot Equipped with Ultrasonic Sensors», *Proceedings - 2020 IEEE 11th International Conference on Dependable Systems, Services and Technologies, DESSERT 2020*, pp. 236.
13. Drobyazko, S., Bondiuk, A., Ovcharenko, I., Lebid, O., Mikish, A. 2020, «RESOURCE SUPPORTING OF BUSINESS ECONOMIC SECURITY AT THE MICRO AND MACRO LEVELS», *Journal of Security and Sustainability Issues*, Vol.10, No. 1, pp. 307-320.
14. Druzhynina, V., Likhonosova, G., Lutsenko, G., Kushal, I. 2020, «Innovative technology in terms of socio-economic value diffusion: Accounting and analytical support», *European Journal of Sustainable Development*, Vol.9, No. 3, pp. 476-489.
15. Fomin, O., Lovska, A., Medvediev, I., Shatkovska, H. 2020, «ESTABLISHING PATTERNS IN THE DYNAMIC LOADING ON THE BODY OF A SEMI-WAGON WITH AN ELASTIC MIDDLE PART OF THE GIRDER BEAM», *Eastern-European Journal of Enterprise Technologies*, Vol.5, No. 7-107, pp. 30-37.
16. Galstyan, A.G., Skorokhod, K.S., Galstyan, T.M. 2020, «Investigation of the kinetics of catalytic cycle reactions in the process of oxidation of ethylbenzene by ozone», *Voprosy Khimii i Khimicheskoi Tekhnologii*, Vol.2020, No. 4, pp. 38-42.
17. Halhash, R., Semenenko, I., Bilous, Y., Burko, I. 2020, «Impact of decentralization on sustainable development of the newly created amalgamated territorial communities in the regions of Ukraine», *European Journal of Sustainable Development*, Vol.9, No. 1, pp. 19-33.

18. Halhash, R., Semenenko, I., Ovcharenko, I., Borova, G. 2020, «Innovative forms of realization of regional social policy by organizing public dialogue and communication in conditions of post-conflict transformation in eastern Ukraine», *European Journal of Sustainable Development*, Vol.9, No. 2, pp. 391-404.
19. Hanaei, S., Takian, A., Majdzadeh, R., Maboloc, C.R., Grossmann, I., Gomes, O., Milosevic, M., Gupta, M., Shamshirsaz, A.A., Harbi, A., Burhan, A.M., Uddin, L.Q., Kulasinghe, A., Lam, C., Ramakrishna, S., Alavi, A., Nouwen, J.L., Dorigo, T., Schreiber, M., Abraham, A., Shelkovaya, N., Krysztofiak, W., Ebrahimi Warkiani, M., Sellke, F., Ogino, S., Barba, F.J., Brand, S., Vasconcelos, C., Salunke, D.B., Rezaei, N. 2020, «Emerging Standards and the Hybrid Model for Organizing Scientific Events during and after the COVID-19 Pandemic», *Disaster Medicine and Public Health Preparedness*.
20. Khoroshun, A., Chernikh, A., Riazantsev, A., Ryazantsev, O., Sato, S., Kozawa, Y., Masajada, J., Popiolek-Masajada, A., Szatkowski, M., Bekshaev, A., Ferrando, A. 2020, «Singular skeleton chains formed by the quasi-plane wave and the Laguerre-Gaussian beam after passing the double-phase-ramp converter», *Proceedings of SPIE - The International Society for Optical Engineering*.
21. Khoroshun, A., Ryazantsev, A., Ryazantsev, O., Sato, S., Kozawa, Y., Masajada, J., Popiołek-Masajada, A., Szatkowski, M., Chernykh, A., Bekshaev, A. 2020, «Formation of an optical field with regular singular-skeleton structure by the double-phase-ramp converter», *Journal of Optics (United Kingdom)*, Vol.22, No. 2.
22. Khoroshun, G., Luniakin, R., Riazantsev, A., Ryazantsev, O., Skurydina, T., Tatarchenko, H. 2020, «The development of an application for microparticle counting using a neural network», *CEUR Workshop Proceedings*, pp. 1186.
23. Klius, Y., Kotova, L., Ivchuk, Y., Skupinskyi, O. 2020, «Adherence to legal culture as a component of the regional industrial enterprises' corporate innovation management while ensuring their sustainable development», *European Journal of Sustainable Development*, Vol.9, No. 2, pp. 431-440.
24. Kolosnichenko, O., Yakovlev, M., Prykhodko-Kononenko, I., Tretyakova, L., Ostapenko, N., Pashkevich, K., Ripka, G. 2020, «Study of dominant quality indicators of materials and designs of railroad conductors' uniforms», *Vlakna a Textil*, Vol.27, No. 3, pp. 90-96.
25. Konokh, O., Karabanov, Y., Denysenko, N., Sukhenko, I., Koteliukh, M., Shevchenko, R. 2020, «Features of training cadets in physical education in military institutions of higher education», *Systematic Reviews in Pharmacy*, Vol.11, No. 10, pp. 278-281.

26. Kovalenko, O.V., Kryazhych, O.O., Veremiychenko, G.M., Volokh, O.A. 2020, «Research of the adsorption of tritium by thermally processed clay rocks», Nuclear Physics and Atomic Energy, Vol.21, No. 2, pp. 195-199.
27. Krol, O., Sokolov, V. 2020, «Modeling of Spindle Node Dynamics Using the Spectral Analysis Method», Lecture Notes in Mechanical Engineering, pp. 35-44. DOI: 10.1007/978-3-030-50794-7_4
28. Krol, O., Sokolov, V. 2020, «Optimization of Processing Modes on Multioperational Machines Using Two-parameter D-Partitions», Proceedings - 2020 International Russian Automation Conference, RusAutoCon 2020, pp. 57.
29. Krol, O., Sokolov, V. 2020, «Research of modified gear drive for multioperational machine with increased load capacity», Diagnostyka, Vol.21, No. 3, pp. 87-93.
30. Krol, O., Sokolov, V. 2020, «Research of toothed belt transmission with arched teeth», Diagnostyka, Vol.21, No. 4, pp. 15-22.
31. Krol, O., Sokolov, V., Tsankov, P. 2020, «Modeling of vertical spindle head for machining center», Journal of Physics: Conference Series, 1553 (1), article № 012012.
32. Kudrina, O., Shpileva, V., Klius, Y., Lavrova, O., Esmanov, O., Semenikhina, O. 2020, «Industrial enterprise tax transaction costs planning using digital tools», TEM Journal, Vol.9, No. 2, pp. 619-624.
33. Lovianova, I., Vlasenko, K., Sitak, I., Akulenko, I., Kondratyeva, O. 2020, «Model of the On-Line Course for Training Master Students Majoring in Mathematics for Teaching at University», Universal Journal of Educational Research, Vol.8, No. 9, pp. 3883-3894.
34. Lyashenko, V., Kobylin, O., Ryazantsev, O., Ryazantsev, I., Barbaruk, V., Zhychenko, Y. 2020, «General ideology of analysis digital medical images in rgb format», International Journal of Emerging Trends in Engineering Research, Vol.8, No. 5, pp. 1647-1655.
35. Medvediev, I., Muzylyov, D., Shramenko, N., Nosko, P., Eliseyev, P., Ivanov, V. 2020, «Design logical linguistic models to calculate necessity in trucks during agricultural cargoes logistics using fuzzy logic», Acta Logistica, Vol.7, No. 3, pp. 155-166.
36. Mikhailov, E., Semenov, S., Kliuiev, S., Dižo, J., Blatnický, M., Gerlici, J., Harušinec, J., Kovtanets, M. 2020, «Clarification of features of the wheel movement with a perspective constructive scheme on a rail», Applied Sciences (Switzerland), Vol.10, No. 19, pp. 1-15.

37. Okulich-Kazarin, V., Zhurba, M., Shorobura, I., Bokhonkova, Y., Serbin, I. 2020, «Three characteristic features of the East European educational services market», *Universal Journal of Educational Research*, Vol.8, No. 4, pp. 1549-1556.
38. Okulich-Kazarin, V., Zhurba, M., Shorobura, I., Ihnatenko, K., Litvinova, O. 2020, «Comparison of Educational Preferences of Polish and Ukrainian Students at Lectures», *Universal Journal of Educational Research*, Vol.8, No. 8, pp. 3666-3672.
39. Panchenko, A., Prokhorchenko, A., Panchenko, S., Dekarchuk, O., Gurin, D., Medvediev, I. 2020, «Predicting the estimated time of cargo dispatch from a marshaling yard», *Eastern-European Journal of Enterprise Technologies*, Vol.4, No. 3-106, pp. 6-15.
40. Piddubnyi, S.V., Tatarchenko, H.O., Sokolenko, V.M. 2020, «Express Method for the Evaluation of the Frost Resistance of Silicate Building Materials», *Materials Science*, Vol.56, No. 2, pp. 240-246.
41. Pidorycheva, I., Shevtsova, H., Antonyuk, V., Shvets, N., Pchelynska, H. 2020, «A conceptual framework for developing of regional innovation ecosystems», *European Journal of Sustainable Development*, Vol.9, No. 3, pp. 626-640.
42. Porkuian, O., Morkun, V., Morkun, N. 2020, «Measurement of the ferromagnetic component content in the ore suspension solid phase», *Ultrasonics*, Vol.105.
43. Porkuian, O., Morkun, V., Morkun, N., Tron, V., Haponenko, I., Davidkovich, A. 2020, «Influence of the Magnetic Field on Love Waves Propagation in the Solid Medium», 2020 IEEE 40th International Conference on Electronics and Nanotechnology, ELNANO 2020 - Proceedings, pp. 761.
44. Rach, V., Abdulkadir, K., Medvedieva, O., Biriukov, O., Rossoshanska, O. 2020, «Construction of a portfolio formation method by configuring project-candidates based on flow characteristics», *Eastern-European Journal of Enterprise Technologies*, Vol.1, No. 3-103, pp. 47-61.
45. Ratov, D., Lyfar, V. 2020, «Modeling transmission mechanisms with determination of efficiency», *Applied Computer Science*, Vol.16, No. 1, pp. 33-40.
46. Reznik, O., Andriichenko, N., Inshyn, M., Maslak, N., Arsentieva, O. 2020, «Tax on cryptocurrency as innovative financial instrument in IT sphere», *International Journal of Advanced Trends in Computer Science and Engineering*, Vol.9, No. 1.2 Special Issue, pp. 280-286.

47. Rohozian, Y., Hrechana, S., Kuzmenko, O., Derzhak, N., Kuchmenko, V., Plietnov, M. 2020, «Sustainable development management of local territories in the eastern Ukraine in conditions of military conflict: Identification criteria», *European Journal of Sustainable Development*, Vol.9, No. 3, pp. 425-442.
48. Ruslan, K., Inshyn, M., Dmytro, S., Yelena, T., Olena, A. 2020, «Occupational safety and health of factory workers in European countries in the nineteenth century: historical and legal analysis», *Labor History*, Vol.61, No. 3-4, pp. 388-400.
49. Rutkovskii, Y.A., Rutkovskii, A.Y., Lavrenchenko, G.K., Naichuk, V.V. 2020, «Amplitude-Resonance Characteristics and Optimum Operating Modes of Reciprocating Compressors», *Chemical and Petroleum Engineering*, Vol.56, No. 7-8, pp. 654-663.
50. Rymar, T., Suvorin, O. 2020, «Comparison of properties of liquid glass-based thermal insulation materials prepared by volume and contact grouting», *Voprosy Khimii i Khimicheskoi Tekhnologii*, Vol.2020, No. 1, pp. 47-52.
51. Rymar, T., Suvorin, O. 2020, «The choice of the grouting method for liquid glass granulate while obtaining composite thermal insulation materials», *Functional Materials*, Vol.27, No. 3, pp. 611-621.
52. Shevchenko, S., Mukhovaty, A., Krol, O. 2020, «Gear Transmission with Conic Axoid on Parallel Axes», *Lecture Notes in Mechanical Engineering*, pp. 1-10
53. Shevtsova, H., Shvets, N., Kasatkina, M. 2020, «How Leading Global Chemical Companies Contribute to Industry 4.0», 2020 61st International Scientific Conference on Information Technology and Management Science of Riga Technical University, ITMS 2020 - Proceedings.
54. Shevtsova, H., Shvets, N., Kramchaninova, M., Pchelynska, H. 2020, «In search of smart specialization to ensure the sustainable development of the post-conflict territory: The case of the luhansk region in Ukraine», *European Journal of Sustainable Development*, Vol.9, No. 2, pp. 512-524.
55. Shevtsova, H., Shvets, N., Panychok, M., Sokolova, H. 2020, «Digitalization of Small and Medium-Sized Enterprises in Ukraine», 2020 61st International Scientific Conference on Information Technology and Management Science of Riga Technical University, ITMS 2020 - Proceedings.
56. Shvedchykova, I., Melkonova, I., Romanchenko, J. 2020, «Research of magnetic field distribution in the working area of disk separator, taking into account an influence of materials of permanent magnets», *EUREKA, Physics and Engineering*, Vol.2020, No. 1, pp. 87-95.

57. Shynkaruk, L., Yermolenko, D., Buchniev, M., Bulysheva, D., Siryk, Z., Tsokol, O. 2020, «Modelling of land relations in Ukraine in the period of institutional transformations», *International Journal of Management*, Vol.11, No. 4, pp. 622-633.
58. Sidash, N., Roganova, M., Domina, V., Victorova, L., Roganov, M., Miroshnichenko, V. 2020, «Pedagogical consciousness formation of future university educators in the process of teaching english», *Universal Journal of Educational Research*, Vol.8, No. 4, pp. 1202-1211.
59. Skarga-Bandurova, I., Siriak, R., Biloborodova, T., Cuzzolin, F., Bawa, V.S., Mohamed, M.I., Dinesh Jackson Samuel, R. 2020, «Surgical hand gesture prediction for the operating room», *Studies in Health Technology and Informatics*, 273, pp. 97-103.
60. Smirnov, E.N., Smirnov, A.N., Sklyar, V.A., Belevitin, V.A., Kuberskii, S.V. 2020, «Technical Feasibility Assessment for Roll Pass Designs in Three-High Shape-Mill Stands in Modern Mini-Mills», *Metallurgist*, Vol.63, No. 11-12, pp. 1294-1302.
61. Sokolenko, N., Popov, Y., Fastovetska, K. 2020, «Technology Of Obtaining Water-Soluble Surface-Active Substances By The Method Of Phenol Sulfomethylation», *Eastern-European Journal of Enterprise Technologies*, Vol.4, No. 6-106, pp. 45-53.
62. Sokolov, V. 2020, «Transfer Functions for Shearing Stress in Nonstationary Fluid Friction», *Lecture Notes in Mechanical Engineering*, pp. 707-715.
63. Sokolov, V., Krol, O., Romanchenko, O., Kharlamov, Y., Baturin, Y. 2020, «Mathematical model for dynamic characteristics of automatic electrohydraulic drive for technological equipment», *Journal of Physics: Conference Series*, *Journal of Physics: Conference Series*, 1553 (1), article № 012013
64. Sokolov, V., Krol, O., Stepanova, O. 2020, «Choice of correcting link for electrohydraulic servo drive of technological equipment», *Lecture Notes in Mechanical Engineering*, pp. 702-710. DOI: 10.1007/978-3-030-22365-6_70
65. Sokolov, V., Porkuian, O., Krol, O., Baturin, Y. 2020, «Design Calculation of Electrohydraulic Servo Drive for Technological Equipment», *Lecture Notes in Mechanical Engineering*, pp. 75-84. DOI: 10.1007/978-3-030-50794-7_8
66. Solovyov, V.I., Rybalskiy, O.V., Zhuravel, V.V. 2020, «Method of identification of attributes of phonogram digital editing using neural networks of deep learning», *Journal of Automation and Information Sciences*, Vol.52, No. 2, pp. 22-28.

67. Solovyov, V.I., Rybalskiy, O.V., Zhuravel, V.V. 2020, «Substantiating the Fundamental Fitness of Deep Learning Neural Networks for Construction of a Phonogram Digital Processing Detection System», *Cybernetics and Systems Analysis*, Vol.56, No. 2, pp. 326-330.
68. Sozontov, V.G., Moskalyk, V.M., Arkhypov, O.G., Kovalenko, I.L., Berzenina, O.V. 2020, «Technology for producing liquid mixtures N₂O₃-N₂O₄», *Voprosy Khimii i Khimicheskoi Tekhnologii*, Vol.2020, No. 2, pp. 93-102.
69. Strelkova, T., Lytyuga, A., Kalmykov, A., Khoroshun, G., Riazantsev, A., Ryazantsev, O. 2020, «Influence of a signal description model on the calculations of the efficiency indicators of optoelectronic systems», *Eastern-European Journal of Enterprise Technologies*, Vol.4, No. 5-106, pp. 41-50.
70. Suvorin, A.V., Ozheredova, M.A., Bliznjuk, O.N., Shorokhov, M.N., Zubctov, E.I., Krytska, Y.À. 2020, «Chemical precipitation of Cr(VI)-containing water purification: The effect of the dosage of Ca(OH)₂ and Ba(OH)₂ on the purification degree», *Voprosy Khimii i Khimicheskoi Tekhnologii*, Vol.2020, No. 2, Pp. 112-117.
71. Tatarchenko, G.O., Biloshytska, N.I., Biloshytskyy, M.V., Uvarov, P.Y. 2020, «Residual Life Cycle of the Motorway Bridge», *Lecture Notes in Civil Engineering*, 73, pp. 473-481. DOI: 10.1007/978-3-030-42939-3_47
72. Tatarchenko, G.O., Chernih, O.A., Sokolenko, V.M., Tatarchenko, Z.S. 2020, «Modern Information Technologies in System Architecture—Urban Planning—Building Constructions», *Lecture Notes in Civil Engineering*, 73, pp. 483-490. DOI: 10.1007/978-3-030-42939-3_48
73. Tatarchenko, Y., Lyfar, V. 2020, «Models and methods of support decision for management of it companies», *EUREKA, Physics and Engineering*, Vol.2020, No. 4, pp. 3-11.
74. Tatarchenko, Y., Lyfar, V., Tatarchenko, H. 2020, «Information model of system of support of decision making during management of it companies», *Applied Computer Science*, Vol.16, No. 1, pp. 85-94.
75. Tkach, V.V., Kushnir, M.V., Ahafonova, O.V., Biryuk, I.G., de Oliveira, S.C., Yagodynets, P.I., Kormosh, Z.O., Vaz Dos Reis, L., Palamarek, K.V., Nezveshchuk-Kohut, T.S. 2020, «The theoretical description for the perylaldehyde aldoxime electrochemical determination, assisted by the novel squaraine dye – vo(OH)-composite», *Orbital*, Vol.12, No. 3, pp. 148-153.
76. Tkach, V.V., Kushnir, M.V., de Oliveira, S.C., Lystvan, V.V., Dytynchenko, I.M., da Silva, A.O., Akmay, Y., Luganska, O.V., Yagodynets, P.I., Kormosh, Z.O. 2021, «Theoretical aspects of the electropolymerization of some hydroquinonic derivatives», *Biointerface Research in Applied Chemistry*, Vol.11, No. 1, pp. 7994-8000.

77. Tkach, V.V., Kushnir, M.V., de Oliveira, S.C., Salomova, H.Z., Ivanushko, Y.G., Ahafonova, O.V., Mytchenok, M.P., Yagodynets, P.I., Kormosh, Z.O., Vaz Dos Reis, L. 2021, «Theoretical description for chlorantraniliprole electrochemical determination, assisted by squaraine dye nano Ag₂O₂ composite», *Biointerface Research in Applied Chemistry*, Vol.11, No. 2, pp. 9278-9284.
78. Tselishchev, A., Loriya, M., Boychenko, S., Kudryavtsev, S., Laneckij, V. 2020, «Research of change in fraction composition of vehicle gasoline in the modification of its biodethanol in the cavitation field», *EUREKA, Physics and Engineering*, Vol.2020, No. 5, pp. 12-20.
79. Vinnyk, O.M., Shapovalova, O.V., Patsuriia, N.B., Honcharenko, O.M., Yefremova, K.V. 2020, «Problem of ensuring the social direction of the legislation of Ukraine on the digital economy», *Asia Life Sciences*, No. 1, pp. 133-151.
80. Vlasenko, K., Chumak, O., Bobyliev, D., Lovianova, I., Sitak, I. 2020, «Development of an online-course syllabus “operations research oriented to cloud computing in the cocalc system”», *CEUR Workshop Proceedings*, pp. 278.
81. Vlasenko, K., Chumak, O., Lovianova, I., Kovalenko, D., Volkova, N. 2020, «Methodical requirements for training materials of on-line courses on the platform «higher school mathematics teacher», *E3S Web of Conferences*.
82. Vlasenko, K., Chumak, O., Sitak, I., Kalashnykova, T., Achkan, V. 2020, «CLIL method to increase students' motivation in studying mathematics at higher technical school», *Universal Journal of Educational Research*, Vol.8, No. 2, pp. 362-370.
83. Vlasenko, K., Kondratyeva, O., Khyzhniak, I., Chumak, O., Volkov, S. 2020, «Developing training materials for the on-line course «project method in teaching higher mathematics»», *CEUR Workshop Proceedings*, pp. 756.
84. Vlasenko, K., Kovalenko, D., Chumak, O., Lovianova, I., Volkov, S. 2020, «Minimalism in designing user interface of the online platform “higher school mathematics teacher”», *CEUR Workshop Proceedings*, pp. 1028.
85. Vlasenko, K., Volkov, S., Sitak, I., Lovianova, I., Bobyliev, D. 2020, «Usability analysis of on-line educational courses on the platform «higher school mathematics teacher»», *E3S Web of Conferences*.
86. Vlasenko, K.V., Volkov, S.V., Kovalenko, D.A., Sitak, I.V., Chumak, O.O., Kostikov, A.A. 2020, «Web-based online course training higher school mathematics teachers», *CEUR Workshop Proceedings*, pp. 648.

87. Vorontsov, B., Bosansky, M., Kyrychenko, I., Kuzmenko, N., Stupnytskyy, V., Kuleshkov, Y., Ustinenko, A. 2020, «Methods of designing gear's machining tools with the hyperboloid cutting part», *Strojnický Casopis*, Vol.70, No. 1, pp. 135-142.
88. Zablodska, I., Akhromkin, Y., Akhromkin, A., Bielousova, L., Litvinova, I. 2020, «World experience in public administration of the transformation of energy-dependent regions in the context of their sustainable development», *Problemy Ekorozwoju*, Vol.15, No. 2, pp. 235-244.
89. Zablodskiy, M., Gritsyuk, V., Rudnev, Y., Brozhko, R., Tymofieieva, O. 2020, «Analysis of 3D eddy current distribution in a hollow rotor of an electromechanical converter», 2020 IEEE 40th International Conference on Electronics and Nanotechnology, ELNANO 2020 - Proceedings, pp. 561.
90. Zhiltsov, A.P., Kharlamov, Y.A., Vishnevskiy, D.A. 2020, «Improving the reliability of metallurgical equipment parts via thermal spraying and ways to control coating properties», *Journal of Chemical Technology and Metallurgy*, Vol.55, No. 1, pp. 140-147.
91. Zhiltsov, A.P., Pavlinenko, O.A., Vlasenko, D.A., Levchenko, E.P. 2020, «Analysis of parameters of the process of splitting steel spherical shot by constrained central impact», *Chernye Metally*, Vol.2020, No. 8, pp. 29-33.

Web Of Science:

1. Antonenko, T., Kachmar, O., Tsybulko, O., Grachova, T., Konovalova, M. 2020, «Scientific Approaches to Postmodern Spirituality: Theoretical and Methodological Aspects», *Postmodern Openings*, Vol.11, No. 2, pp. 200-214.
2. Arlinskii, Y., Hassi, S. 2020, «Stieltjes and inverse Stieltjes holomorphic families of linear relations and their representations», *Studia Mathematica*, Vol.252, No. 2, pp. 129-167.
3. Arlinskii, Y., Tretter, C. 2020, «Everything is possible for the domain intersection $\text{dom } T \text{ boolean AND } \text{dom } T^*$ », *Advances in Mathematics*, Vol.374, p. 46.
4. Arlinskii, Y.M. 2020, «Shorting, parallel addition and form sums of nonnegative selfadjoint linear relations», *Linear Algebra and Its Applications*, Vol.599, pp. 156-200.
5. Arsentieva, O., Klius, Y. 2020, «The Legal Fundamentals for the Sustainable Development of the Industrial Enterprises while the Introduction of the Innovative Functional Units», *European Journal of Sustainable Development*, Vol.9, No. 2, pp. 451-466.

6. Baturin, A.I., Lyfar, V.O., Zakhochay, O.I., Ivanov, V.H. 2020, «A Uniform Interaction Model Of Educational Process Agents In The Unified Management System Of A Higher Education Institution», *Information Technologies and Learning Tools*, Vol.78, No. 4, pp. 266-277.
7. Blynova, O., Moiseienko, V., Los, O., Burlakova, I., Yevdokimova, O., Toba, M., Popovych, I. 2020, «Assertiveness As A Factor Of Students» Choice Of Behavior Strategies In Social Interaction», *Revista Inclusiones*, Vol.7, No. 4, pp. 259-272.
8. Dotsenko, V.V., Buryi, D.S., Lukina, D.Y., Krivokolysko, S.G. 2020, «Recent advances in the chemistry of thieno 2,3-b pyridines 1. Methods of synthesis of thieno 2,3-b pyridines», *Russian Chemical Bulletin*, Vol.69, No. 10, pp. 1829-1858.
9. Druzhynina, V., Likhonosova, G., Lutsenko, G., Kushal, I. 2020, «Innovative Technology in Terms of Socio-Economic Value Diffusion: Accounting and Analytical Support», *European Journal of Sustainable Development*, Vol.9, No. 3, pp. 476-489.
10. Halhash, R., Semenenko, I., Bilous, Y., Burko, I. 2020, «Impact of Decentralization on Sustainable Development of the Newly Created Amalgamated Territorial Communities in the Regions of Ukraine», *European Journal of Sustainable Development*, Vol.9, No. 1, pp. 19-33.
11. Halhash, R., Semenenko, I., Ovcharenko, I., Borova, G. 2020, «Innovative Forms of Realization of Regional Social Policy by Organizing Public Dialogue and Communication in Conditions of Post-conflict Transformation in Eastern Ukraine», *European Journal of Sustainable Development*, Vol.9, No. 2, pp. 391-404.
12. Halian, A., Halian, I., Burlakova, I., Shevchenko, R., Lappo, V., Zhigarenko, I., Popovych, I. 2020, «Emotional Intelligence In The Structure Of Adaptation Process Of Future Healthcare Professionals», *Revista Inclusiones*, Vol.7, pp. 447-460.
13. Ovcharenko, Ie., Prus, N., Koreniev, E., Bogdanov, R. 2020, «Choice And Assessment Of A Technique Of Planning In Management Of Production Resources Of The Rural Enterprises», *Management Theory and Studies for Rural Business and Infrastructure Development*, Vol.42, No. 2, pp. 108-117.
14. Morhachov, I., Ovcharenko, Ie. 2020, «Prerequisites For Successful Regulation Of Regional Investment Processes», *Management Theory and Studies for Rural Business and Infrastructure Development*, Vol.42, No. 3, pp. 289-294.

15. Khmiliar, O., Popovych, I., Hrys, A., Pavliuk, M., Zavatska, N., Lytvynenko, O., Blynova, O. 2020, «Spatial Regulation Of Personal Behavior Under Conditions Of The Accelerating Covid-19 Pandemic», *Revista Inclusiones*, Vol.7, pp. 289-306.
16. Khoroshun, A., Chernykh, A., Riazantsev, A., Ryazantsev, O., Sato, S., Kozawa, Y., Masajada, J., Popiolek-Masajada, A., Szatkowski, M., Bekshaev, A., Ferrando, A. 2020, «Singular skeleton chains formed by the quasi-plane wave and the Laguerre-Gaussian beam after passing the double-phase-ramp converter», in OV Angelsky (ed.), *Fourteenth International Conference on Correlation Optics, Proceedings of SPIE, Spie-Int Soc Optical Engineering, Bellingham*, Vol. 11369, Article No UNSP 113690M. DOI: 10.1117/12.2556245
17. Khoroshun, A., Ryazantsev, A., Ryazantsev, O., Sato, S., Kozawa, Y., Masajada, J., Popiolek-Masajada, A., Szatkowski, M., Chernykh, A., Bekshaev, A. 2020, «Formation of an optical field with regular singular-skeleton structure by the double-phase-ramp converter», *Journal of Optics*, Vol.22, No. 2, Article No. 025603. DOI: 10.1088/2040-8986/ab61c9
18. Klius, Y., Kotova, L., Ivchuk, Y., Skupinskyi, O. 2020, «Adherence to Legal Culture as a Component of the Regional Industrial Enterprises» *Corporate Innovation Management while Ensuring their Sustainable Development*», *European Journal of Sustainable Development*, Vol.9, No. 2, pp. 431-440.
19. Korchuganova, O., Tantsiura, E., Ozheredova, M., Afonina, I. 2020, «The Non-Sodium Nickel Hydroxycarbonate For Nanosized Catalysts», *Chemistry, Chemical Technology*, Vol.14, No. 1, pp. 7-13.
20. Kostyrko, L., Solomatina, T., Chernodubova, E., Khromiak, V. 2020, «Analysis And Estimation Of The Efficiency Of The Use Of Resource Potential Agricultural Enterprises», *Financial and Credit Activity-Problems of Theory and Practice*, Vol.3, No. 34, pp. 294-302.
21. Kovalenko, O.V., Kryazhych, O.O., Veremiychenko, G.M., Volokh, O.A. 2020, «Research Of The Adsorption Of Tritium By Thermally Processed Clay Rocks», *Nuclear Physics and Atomic Energy*, Vol.21, No. 2, pp. 195-199.
22. Kovalenko, R., Inshyn, M., Sirokha, D., Tishchenko, Y., Arsentieva, O. 2020, «Occupational safety and health of factory workers in European countries in the nineteenth century: historical and legal analysis», *Labor History*, Vol.61, No. 3-4, pp. 388-400.
23. Kudrina, O., Shpileva, V., Klius, Y., Lavrova, O., Esmanov, O., Semenikhina, O. 2020, «Industrial Enterprise Tax Transaction Costs Planning Using Digital Tools», *Tem Journal-Technology Education Management Informatics*, Vol.9, No. 2, pp. 619-624.

24. Mikhailov, E., Semenov, S., Kliuiev, S., Dizo, J.Z., Blatnický, M., Gerlici, J., Harusinec, J., Kovtanets, M. 2020, «Clarification of Features of the Wheel Movement with a Perspective Constructive Scheme on a Rail», Applied Sciences-Basel, Vol.10, No. 19, p. 15.
25. Piddubnyi, S.V., Tatarchenko, H.O., Sokolenko, V.M. 2020, «Express Method for the Evaluation of the Frost Resistance of Silicate Building Materials», Materials Science, Vol., p. 7.
26. Pidorycheva, I., Shevtsova, H., Antonyuk, V., Shvets, N., Pchelynska, H. 2020, «A Conceptual Framework for Developing of Regional Innovation Ecosystems», European Journal of Sustainable Development, Vol.9, No. 3, pp. 626-640.
27. Popovych, I., Halian, O., Bokhonkova, Y., Serbin, I., Buhaiova, N., Blyskun, O., Yaremchuk, V. 2020, «Research Of The Motivational Mental States Of Future Bachelors Of The Faculty Of Physical Education And Sports In The Educational Process», Revista Inclusiones, Vol.7, No. 4, pp. 159-178.
28. Popovych, I., Halian, O., Geiko, I., Zaverukha, O., Spyska, L., Bokhonkova, Y., Fedyk, O. 2020, «Research On The Correlation Between Subjective Control And The Indexes Of Study Progress Of Bachelors Of The Faculty Of Physical Education And Sport», Revista Inclusiones, Vol.7, pp. 497-+.
29. Popovych, I., Zhigarenko, I., Losiyevska, O., Dovbenko, S., Kashyrina, Y., Shevchenko, R., Piletska, L. 2020, «Research Of Achievement Motivation»S Impact On The Career Orientations Of Future Managers Of Organization», Revista Inclusiones, Vol.7, pp. 247-263.
30. Porkuian, O., Morkun, V., Morkun, N. 2020, «Measurement of the ferromagnetic component content in the ore suspension solid phase», Ultrasonics, Vol.105, p. 5.
31. Porkuian, O., Morkun, V., Morkun, N., Tron, V., Haponenko, I., Davidkovich, A. 2020, «Influence of the Magnetic Field on Love Waves Propagation in the Solid Medium», 2020 Ieee 40th International Conference on Electronics and Nanotechnology (ELNANO), Ieee, pp. 761-766.
32. Rohozian, Y., Hrechana, S., Kuzmenko, O., Derzhak, N., Kuchmenko, V., Plietnov, M. 2020, «Sustainable Development Management of Local Territories in the Eastern Ukraine in Conditions of Military Conflict: Identification Criteria», European Journal of Sustainable Development, Vol.9, No. 3, pp. 425-442.
33. Romashkin, S., Shulzhenko, N., Kotova L. 2020, «The mechanism of international cooperation accordingly to UN Convention against Transnational Organized Crime», Revista De La Universidad Del Zulia, Vol.11, No. 31, pp. 389-402.

34. Rymar, T., Suvorin, O. 2020, «The choice of the grouting method for liquid glass granulate while obtaining composite thermal insulation materials», *Functional Materials*, Vol.27, No. 3, pp. 611-621.
35. Shevchenko, H., Antonenko, T., Zelenov, E., Bezuhla, M., Safonova, I. 2020, «Features of Education of the Political Culture of Students in a Post-Epidemic Society», *Postmodern Openings*, Vol.11, No. 2, pp. 128-141.
36. Shevchenko, H.P., Antonenko, T.L., Safonova, I.O. 2020, «Positive Personality Education: An Ontological Aspect», *Tarih Kultur Ve Sanat Arastirmalari Dergisi-Journal of History Culture and Art Research*, Vol.9, No. 1, pp. 133-144.
37. Shevchenko, O.A., Burlakova, I.A., Sheviakov, O.B., Agarkov, O.A., Shramko, I.A. 2020, «Psychological Foundations Of Occupational Health Of Specialists Of Economic Sphere», *Medical Perspectives-Medicni Perspektivi*, Vol.25, No. 2, pp. 163-167.
38. Shevchenko, R., Hrys, A., Pavliuk, M., Stynska, V., Babiak, O., Zavatskyi, V., Popovych, I. 2020, «A Research Of Post-Traumatic Stress And Adaptation Disorders Of Servicemen After Being In A Combat Situation At The Hospitalization Stage», *Revista Inclusiones*, Vol.7, No. 4, pp. 74-87.
39. Shevchenko, R., Popovych, I., Spytyska, L., Nosov, P., Zinchenko, S., Mateichuk, V., Blynova, O. 2020, «Comparative Analysis Of Emotional Personality Traits Of The Students Of Maritime Science Majors Caused By Long-Term Staying At Sea», *Revista Inclusiones*, Vol.7, pp. 538-554.
40. Shevtsova, H., Shvets, N., Kramchaninova, M., Pchelynska, H. 2020, «In Search of Smart Specialization to Ensure the Sustainable Development of the Post-Conflict Territory: the Case of the Luhansk Region in Ukraine», *European Journal of Sustainable Development*, Vol.9, No. 2, pp. 512-524.
41. Sokolov, V., Krol, O., Stepanova, O. 2020, «Choice of Correcting Link for Electrohydraulic Servo Drive of Technological Equipment», *Advances in Design, Simulation and Manufacturing II, Lecture Notes in Mechanical Engineering*, Springer International Publishing Ag, Cham, pp. 702-710.
42. Sokolov, V., Krol, O., Stepanova, O., Tsankov, P. 2020, «Dynamic Characteristics Of Rotary Motion Electrohydraulic Drive With Volume Regulation», *Comptes Rendus De L Academie Bulgare Des Sciences*, Vol.73, No. 5, pp. 691-702.
43. Soloviov, O.V., Dyachenko, Y.Y., Kozak, R.V. 2019, «Formation of a Precise Behavioral Motor Response to an External Pain Stimulus Is Not Possible without a Subjective Experience of Pain», *Neurophysiology*, Vol.51, No. 6, pp. 462-474.

44. Solovyov, V.I., Rybalskiy, O.V., Zhuravel, V.V. 2020, «Substantiating the Fundamental Fitness of Deep Learning Neural Networks for Construction of a Phonogram Digital Processing Detection System», *Cybernetics and Systems Analysis*, Vol.56, No. 2, pp. 326-330.
45. Tkach, V.V., Kushnir, M.V., de Oliveira, S.C., Lystvan, V.V., Dytynchenko, I.M., da Silva, A.O., Akinay, Y., Luganska, O.V., Yagodynets, P.I., Kormosh, Z.O. 2021, «Theoretical Aspects of the Electropolymerization of Some Hydroquinonic Derivatives», *Biointerface Research in Applied Chemistry*, Vol.11, No. 1, pp. 7994-8000.
46. Tohochynskiy, O., Valieiev, R., Arsentieva, O., Ivchuk, Y., Sidash, N., Pekarchuk, V. 2020, «Burnout Among Correctional Staff: Effects of Job Satisfaction», *Postmodern Openings*, Vol.11, No. 2, pp. 161-181.
47. Zablodska, I., Akhromkin, Y., Akhromkin, A., Bielousova, L., Litvinova, I. 2020, «World Experience in Public Administration of the Transformation of Energy-dependent Regions in the Context of Their Sustainable Development», *Problemy Ekorozwoju*, Vol.15, No. 2, pp. 235-244.
48. Zablodskiy, M., Gritsyuk, V., Rudnev, Y., Brozhko, R., Tymofieieva, O. 2020, «Analysis of 3D eddy current distribution in a hollow rotor of an electromechanical converter», 2020 *Ieee 40th International Conference on Electronics and Nanotechnology (ELNANO)*, Ieee, pp. 561-564.