

Публікації вчених СНУ ім. В.Даля в міжнародних наукометричних базах,
проіндексовані у 2-му кварталі 2020 року

Scopus:

1. Analysis of 3D eddy current distribution in a hollow rotor of an electromechanical converter / M. Zablodskiy, V. Gritsyuk, Y. Rudnev, R. Brozhko, O. Tymofieieva // IEEE 40th International Conference on Electronics and Nanotechnology, ELNANO 2020 – Proceedings. – 2020. – № 9088777. – P. 561-564. – DOI: 10.1109/ELNANO50318.2020.9088777
2. Arlinskiĭ Y.M. Shorting, parallel addition and form sums of nonnegative selfadjoint linear relations / Y.M. Arlinskiĭ // Linear Algebra and Its Applications. – 2020. – 599. – P. 156-200. – DOI : 10.1016/j.laa.2020.04.007
3. Arsentieva O. The legal fundamentals for the sustainable development of the industrial enterprises while the introduction of the innovative functional units / O. Arsentieva, Y. Klius // European Journal of Sustainable Development. – 2020. – 9(2). – P. 451-466. – DOI:10.14207/ejsd.2020.v9n2p451
4. Belkin D.I. A Mathematical Model of the Synthesis of Pentaerythritol / D. I. Belkin, O. A. Demchenko // Kinetics and Catalysis. – 2020. – 61 (3). – P. 374-383. – DOI : 10.1134/S0023158420030052
5. Calinescu T. Growth Regulators for Viable Production in Conditions of Formation the Responsible International Cooperation / T. Calinescu, O. Zelenko // E3S Web of Conferences. – 2020. – Vol. 159. – № 03004. – DOI: 10.1051/e3sconf/202015903004
6. 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 / A.V. Suvorin, M.A. Ozheredova, O.N. Bliznjuk, M.N. Shorokhov, E.I. Zubctov, Y.À. Krytska // Voprosy Khimii i Khimicheskoi Tekhnologii. – 2020 (2). – P. 112-117. – DOI: 10.32434/0321-4095-2020-129-2-112-117
7. Derkach M. Obstacle avoidance algorithm for small autonomous mobile robot equipped with ultrasonic sensors / M. Derkach, D. Matiuk, I. Skarga-Bandurova, // Paper presented at the Proceedings - 2020 IEEE 11th International Conference on Dependable Systems, Services and Technologies, DESSERT 2020. – 2020. – P. 236-241. – DOI:10.1109/DESSERT50317.2020.9125019
8. Design Calculation of Electrohydraulic Servo Drive for Technological Equipment / V. Sokolov, O. Porkuian, O. Krol, Y. Baturin // Lecture Notes in Mechanical Engineering. – 2020. – P. 75-84. – DOI: 10.1007/978-3-030-50794-7_8
9. Emotional burnout: Prevalence rate and symptoms in different socio-professional groups / V. Y. Bocheliuk, N. Y. Zavatska, Y. O. Bokhonkova, M. V. Toba, N. S. Panov // Journal of Intellectual Disability - Diagnosis and Treatment. – 2020. – 8 (1). – P. 33-40. – DOI: 10.6000/2292-2598.2020.08.01.5
10. General ideology of analysis digital medical images in rgb format / V. Lyashenko, O. Kobylin, O. Ryazantsev, I. Ryazantsev, V. Barbaruk, Y. Zhychenko // International Journal of Emerging Trends in Engineering Research. – 2020. – 8 (5). – № 25. – P. 1647-1655. – DOI: 10.30534/ijeter/2020/25852020

11. Impact of decentralization on sustainable development of the newly created amalgamated territorial communities in the regions of Ukraine / R. Halhash, I. Semenenko, Y. Bilous, I. Burko // *European Journal of Sustainable Development*. – 2020. – 9(1). – P. 19-33. – DOI:10.14207/ejsd.2020.v9n1p19
12. Improving the reliability of metallurgical equipment parts via thermal spraying and ways to control coating properties. / A. P. Zhiltsov, Y. A. Kharlamov, D. A. Vishnevskiy // *Journal of Chemical Technology and Metallurgy*, 2020. – 55(1). P. – 140-147.
13. Industrial enterprise tax transaction costs planning using digital tools / O. Kudrina, V. Shpileva, Y. Klius, O. Lavrova, O. Esmanov, O. Semenikhina // *TEM Journal*. – 2020. – 9 (2), P. 619-624. – DOI: 10.18421/TEM92-26
14. Influence of the Magnetic Field on Love Waves Propagation in the Solid Medium / O. Porkuiian, V. Morkun, N. Morkun, V. Tron, I. Haponenko, A. Davidkovich // *2020 IEEE 40th International Conference on Electronics and Nanotechnology, ELNANO 2020 – Proceedings*. – 2020. – № 9088802. – P. 761-766. – DOI: 10.1109/ELNANO50318.2020.9088802
15. Innovative forms of realization of regional social policy by organizing public dialogue and communication in conditions of post-conflict transformation in Eastern Ukraine / R. Halhash, I. Semenenko, I. Ovcharenko, G. Borova // *European Journal of Sustainable Development*. – 2020. – 9(2). – P. 391-404. – DOI:10.14207/ejsd.2020.v9n2p391
16. In search of smart specialization to ensure the sustainable development of the post-conflict territory: The case of the Luhansk region in Ukraine / H. Shevtsova, N. Shvets, M. Kramchaninova, H. Pchelynska // *European Journal of Sustainable Development*. – 2020. – 9(2). – P. 512-524. – DOI:10.14207/ejsd.2020.v9n2p512
17. Krol O. Modeling of vertical spindle head for machining center / O. Krol, V. Sokolov, P. Tsankov // *Journal of Physics : Conference Series*. – 2020. – Vol. 1553 (1). – № 012012. – DOI: 10.1088/1742-6596/1553/1/012012
18. Krol O. Modeling of Spindle Node Dynamics Using the Spectral Analysis Method / O. Krol, V. Sokolov // *Lecture Notes in Mechanical Engineering*. – 2020. – P. 35-44. – DOI: 10.1007/978-3-030-50794-7_4
19. Mathematical model for dynamic characteristics of automatic electrohydraulic drive for technological equipment / V. Sokolov, O. Krol, O. Romanchenko, Y. Kharlamov, Y. Baturin // *Journal of Physics : Conference Series*. – 2020. – Vol. 1553 (1). – № 012013. – DOI : 10.1088/1742-6596/1553/1/012013
20. Methodical requirements for training materials of on-line courses on the platform "Higher school mathematics teacher" / K. Vlasenko, O. Chumak, I. Lovianova, D. Kovalenko, N. Volkova // *Paper presented at the E3S Web of Conferences*, 166 – 2020. – DOI:10.1051/e3sconf/202016610011
21. Modelling of land relations in Ukraine in the period of institutional transformations / L. Shynkaruk, D. Yermolenko, M. Buchniev, D. Bulysheva, Z. Siryk, O. Tsokol // *International Journal of Management*. – 2020. – 11 (4). – P. 622-633. – DOI: 10.34218/IJM.11.4.2020.060

22. Modern Information Technologies in System Architecture—Urban Planning—Building Constructions / G.O. Tatarchenko, O.A. Chernih, V.M. Sokolenko, Z.S. Tatarchenko // Lecture Notes in Civil Engineering. – 2020. – Vol. 73. – P. 483-490. – DOI: 10.1007/978-3-030-42939-3_48
23. Occupational safety and health of factory workers in European countries in the nineteenth century: historical and legal analysis / Ruslan Kovalenko, Mykola Inshyn, Dmytro Sirokha, Yelena Tishchenko, Olena Arsentieva // Labor History. – 2020. – DOI: 10.1080/0023656X.2020.1775796
24. Problem of ensuring the social direction of the legislation of Ukraine on the digital economy / O. M. Vinnyk, O. V. Shapovalova, N. B. Patsuriia, O. M. Honcharenko, K. V. Yefremova // Asia Life Sciences. – 2020. – 1. – P. 133-151.
25. Residual Life Cycle of the Motorway Bridge / G. O. Tatarchenko, N. I. Biloshytska, M. V. Biloshytskyi, P. Y. Uvarov // Lecture Notes in Civil Engineering. – 2020. – Vol.73. – P. 473-481. – DOI: 10.1007/978-3-030-42939-3_47
26. Solovyov V. I. Substantiating the fundamental fitness of deep learning neural networks for construction of a phonogram digital processing detection system / V. I. Solovyov, O. V. Rybalskiy, V. V. Zhuravel // Cybernetics and Systems Analysis. – 2020. – 56(2). – P. 326-330. –DOI:10.1007/s10559-020-00249-2
27. Solovyov V. I. Method of identification of attributes of phonogram digital editing using neural networks of deep learning / V.I. Solovyov, O.V. Rybalskiy, V.V. Zhuravel // Journal of Automation and Information Sciences. – 2020. – 52 (2). – P. 22-28. – DOI: 10.1615/JAutomatInfScien.v52.i1.30
28. Tax on cryptocurrency as innovative financial instrument in IT sphere / O. Reznik, N. Andriichenko, M. Inshyn, N. Maslak, O. Arsentieva // International Journal of Advanced Trends in Computer Science and Engineering. – 2020. – 9(1.2 Special Issue). P. 280-286. – DOI:10.30534/IJATCSE/2020/4191.22020
29. Technical feasibility assessment for roll pass designs in three-high shape-mill stands in modern mini-mills / E. N. Smirnov, A. N. Smirnov, V. A. Sklyar, V. A. Belevitin, S. V. Kuberskii // Metallurgist. – 2020. – 63(11-12). – P. 1294-1302. – DOI:10.1007/s11015-020-00951-8
30. Technology for producing liquid mixtures N₂O₃-N₂O₄ / V. G. Sozontov, V. M. Moskalyk, O. G. Arkhypov, I. L. Kovalenko, O. V. Berzenina // Voprosy Khimii i Khimicheskoi Tekhnologii. – 2020 (2). – P. 93-102. – DOI: 10.32434/0321-4095-2020-129-2-93-102
31. The development of an application for microparticle counting using a neural network / G. Khoroshun, R. Luniakin, A. Riazantsev, O. Ryazantsev, T. Skurydina, H. Tatarchenko // CEUR Workshop Proceedings. – 2020. – Vol.2604. – P. 1186-1195.
32. Three characteristic features of the East European educational services market / V. Okulich-Kazarin, M. Zhurba, I. Shorobura, Y. Bokhonkova, I. Serbin // Universal Journal of Educational Research. – 2020. – 8 (4). – P. 1549-1556. – DOI: 10.13189/ujer.2020.080449
33. Usability analysis of on-line educational courses on the platform "Higher school mathematics teacher" / K. Vlasenko, S. Volkov, I. Sitak, I. Lovianova, D. Bobyliev // Paper presented at the E3S Web of Conferences, 166. – 2020. – DOI:10.1051/e3sconf/202016610012

Web of Science:

1. Singular skeleton chains formed by the quasi-plane wave and the Laguerre-Gaussian beam after passing the double-phase-ramp converter / A. Khoroshun, A. Chernykh, A. Riazantsev, O. Ryazantsev, S. Sato, Y. Kozawa, J. Masajada, A. Popiolek-Masajada, M. Szatkowski, A. Bekshaev, A. Ferrando // Fourteenth International Conference on Correlation Optics. – 2020.
2. The non-sodium nickel hydroxycarbonate for nanosized catalysts / O. Korchuganova, E. Tantsiura, M. Ozheredova, I. Afonina // Chemistry & Chemical Technology. – 2020. – Vol. 14, № 1. – P. 7-13.
3. Occupational safety and health of factory workers in European countries in the nineteenth century: historical and legal analysis / R. Kovalenko, M. Inshyn, D. Sirokha, Y. Tishchenko, O. Arsentieva // European Journal Of Sustainable Development. – 2020. – Vol. 9, Issue 2. – P. 451-466.
4. Industrial enterprise tax transaction costs planning using digital tools / O. Kudrina, V. Shpileva, Y. Klius, O. Lavrova, O. Esmenov, O. Semenikhina // Tem Journal-Technology Education Management Informatics. – 2020. – Vol. 9, № 2. – P. 619-624.
5. Sokolov V. Choice of correcting link for electrohydraulic servo drive of technological equipment / V. Sokolov, O. Krol, O. Stepanova // Advances in Design, Simulation and Manufacturing II. – 2020. – P. 702-710.
6. Dynamic characteristics of rotary motion electrohydraulic drive with volume regulation / V. Sokolov, O. Krol, O. Stepanova, P. Tsankov // Comptes Rendus De L Academie Bulgare Des Sciences. – 2020. – T. 73, № 5. – C. 691-702.
7. Soloviov O. V. Formation of a precise behavioral motor response to an external pain stimulus is not possible without a subjective experience of pain / O. V. Soloviov, Y. Y. Dyachenko, R. V. Kozak // Neurophysiology. – 2019. – Vol. 51, № 6. – P. 462-474.
8. World experience in public administration of the transformation of energy-dependent regions in the context of their sustainable development / I. Zabłodska, Y. Akhromkin, A. Akhromkin, L. Bielousova, I. Litvinova // Problemy Ekorozwoju. – 2020. – Vol. 15, № 2. – P. 235-244.