

НАУКОВІ ВИДАННЯ
НПП кафедри «Експлуатація та ремонт машин»
у наукометричних базах Scopus та Web of Science Core Collection за 2019-2023 рр.

№№ пп	Автор, співавтори, назва друкованої продукції з посиланням на електронну версію, Autor ID (профіль в Scopus та Web of Science Core Collection)	Назва видання, міста, видавництва, номер (випуск, том), рік	Перша/ остання сторінки публікації	К-ть сторінок
-1-	-2-	-3-	-4-	-5-
2019				
1	Aulin V., Hrynkiv A., Lysenko S., Rohovskii I., Chernovol M., Lya-shuk O., Zamota T. «Studying truck trans-mission oils using the method of thermal-oxidative stability during vehicle operation» http://journals.uran.ua/eejet/article/view/156150)	Eastern-European Journal of Enterprise Technologies. - 2019. Vol. 1 (6 - 97). - P. 7-12. DOI: 10.15587/1729-4061.2019.156150 (Indexed By: Scopus)	7/12	6
2	Aulin V., Lyashuk O., Pavlenko O., Velyko-dnyi D., Hrynkiv A., Lysenko S., Holub D., Vovk Y., Dzyura V., Sokol M. «Realization of the logistic approach in the international cargo delivery system» http://komunikacie.unizarticle/view/1462a.sk/index.php/communications/)	Communication – Scientific Letters of the University of Zilina. – 2019. Vol.21 (2), P. 5-14 (Indexed By: Scopus.)	5/14	10
3	Aulin V., Lysenko S., Lyashuk O., Hrynkiv A., Velykodnyi D., Vovk Y., Holub D., Chernai A. «Wear re-sistens increase of sa-mples tribomating in oil composite with geo modifier KGMF-1» http://www.tribology.rs/inpress.html)	Tribology in Industry. – 2019. Vol.41 (2), P. 155-164. DOI: 10.24874/ti.2019.41.02.02 (Indexed By: Scopus)	155/164	10
4	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» http://journals.uran.ua/eejet/article/view/171619	Eastern-European Journal of Enterprise Technologies, 2019. 3 (12-99), pp. 6-16. DOI:10.15587/1729-4061.2019.171619 (Indexed By: Scopus)	6-16	11
5	Aulin V., Derkach O., Makarenko D., Hryn-kiv A., Pankov A., Tykhyi A. «Analysis of tribological effici-ency of movable junctions "polymeric-composite materials - steel"» http://journals.uran.ua/eejet/article/view/176845	Eastern-European Journal of Enterprise Technologies, 2019. 4 (12-100), pp. 6-15. DOI:10.15587/1729-4061.2019.176845 (Indexed By: Scopus)	6-15	10

-1-	-2-	-3-	-4-	-5-
6	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 compo-site oils containing geomodifiers» http://journals.uran.ua/eejet/article/view/179900	Eastern-European Journal of Enterprise Technologies, 2019. 5 (12-101), pp. 38-47. DOI:10.15587/1729-4061.2019.179900 (Indexed By: Scopus)	38-47	10
7	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 Katerynivka friction geo modifier» http://www.tribology.rs/journals/aips/9-716.pdf	Tribology in Industry Vol. 41, No. 4 (2019) 548-562. DOI:10.24874/ti.2019.41.04.08 (Indexed By: Scopus)	548-562	15
8	Aulin V., Pavlenko O., Velikodnyy D., Kalinichenko O., Hri-nkiv A., Diychenko V., Dzyura V. «Met-hodological approach to estimation of effici-ency of the facing of the stock complex of transport and logistic centers in Ukraine»	ICCPT 2019: Current Problems of Transport: Proceedings of the 1st International Scientific Conference, May 28-29, 2019, Ternopil, Ukraine. – C.120-134. (Indexed By: Scopus)	120/134	15
9	Aulin V., Dykha A., Babak O. «Simulation of the tribological properties of motor oils by the results of laboratory tests»	ICCPT 2019: Current Problems of Transport: Proceedings of the 1st International Scientific Conference, May 28-29, 2019, Ternopil, Ukraine. – C.223-230. (Indexed By: Scopus)	223/230	8
2021				
1	Aulin, V., Sokil B., Lyashuk O., Sokil M., Vovk Y, Dzyura V., Khoroshun R. «Interpreting the Main Power Characteristics Choice of the Wheel Vehicles Guided Cushioning System» http://dspace.kntu.kr.ua/jspui/bitstream/123456789/10632/1/1693-Article%20Text-3316-1-10-20210223.pdf	Communications - Scientific Letters of the University of Zilina, 23(2) (Indexed By: Scopus)	139/149	11
2	Shepelenko I., Tsekhanov Y., Storchak M., Nemyrovskiy Y., Cherkun V. «Mechanics of Micro-cutting Using FANT» https://doi.org/10.1007/978-3-030-68014-5_60	Advanced Manufacturing Processes II. InterPartner 2020. Lecture Notes in Mechanical Engineering. Springer, Cham, 2021. (Indexed By: Scopus)	619/628	10
3	Shepelenko I., Tsekhanov Y., Nemyrovskiy Y., Eremin P., Bevz O. «Plasticity Studies During Deformation Under Conditions of Significant Negative Values of the Stiffness Coefficient of the Stress State» https://doi.org/10.1007/978-3-030-75275-0_25	New Technologies, Development and Application IV. NT 2021. Lecture Notes in Networks and Systems, vol 233. Springer, Cham, 2021 (Indexed By: Scopus)	215/223	9
4	Shepelenko I., Tsekhanov Y., Nemyrovskiy Y., Gutsul V., Mahopets S. «Compression Mechanics of Cylindrical Samples with Radial Deformation Limitation» https://doi.org/10.1007/978-3-030-77823-1_6 https://link.springer.com/chapter/10.1007%2F978-3-030-77823-1_6	Advances in Design, Simulation and Manufacturing IV. DSMIE 2021. Lecture Notes in Mechanical Engineering. Springer, Cham, 2021. (Indexed By: Scopus)	53/62	10

-1-	-2-	-3-	-4-	-5-
5	<p>Aulin, V., Kropivny, V., Kuzyk, O., Lyashuk, O., Bosyi, M., Vovk, Y., Kropivna, A., Sokol, M., Senyk, A., Slobodyan, L. The influence of titanium as a desferoidizing element on the stability of production of magnesium cast irons with compacted graphite</p> <p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120570655&doi=10.24874%2fti.1081.03.21.10&partnerID=40&md5=3ed4061449f0f0538586fb449bc92c41</p> <p>DOI: 10.24874/ ti.1081.03.21.10</p>	<p>(2021) Tribology in Industry, 43 (4) Faculty of Engineering, University of Kragujevac (Indexed By: Scopus)</p>	654/666	16
6	<p>Lyashuk, O., Sokil, B., Hevko, R., Aulin, V., Serilko, L., Yuriy, V., Serilko, D., Dovbysh, A. The Dynamics of the Working Body of the Tubular Conveyor with the Chain Drive</p> <p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110588232&doi=10.22055%2fjacm.2021.35725.2719&partnerID=40&md5=965980bb6913a0871094cdd6a027abcd</p>	<p>(2021) Journal of Applied and Computational Mechanics, 7 (3) Shahid Chamran University of Ahvaz, Golestan Street, Ahvaz, 61357-43337 (Indexed By: Scopus)</p>	1710/ 1718	19
7	<p>Sokil, B., Lyashuk, O., Sokil, M., Vovk, Y., Dzyura, V., Aulin, V., Khoroshun, R. Interpreting the main power characteristics choice of the wheel vehicles guided cushioning system https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102700730&doi=10.26552%2fCOM.C.2021.2.B139-B149&partnerID=40&md5=c4f8a5e9c72e63ba67fe8e7a7b7e5fe1</p> <p>DOI: 10.26552/COM.C.2021.2.B139-B149</p>	<p>(2021) Communications - Scientific Letters of the University of Zilina, 23 (2). Communications - Scientific Letters of the University of Žilina University of Žilina EDIS – Publishing House Univerzitná 8215/1010 26 (Indexed By: Scopus)</p>	B139/ B149	11
8	<p>Yuri V. Kuleshkov, Timofey V. Rudenko, Mikhailo V. Krasota, Miroslav Bošanský and František Tóth Performance Features of Tooth Gearing in Gear Hydraulic Machines. https://sciendo.com/article/10.2478/ata-2021-0014# https://www.researchgate.net/publication/351786480 Performance Features of T ooth Gearing in Gear Hydraulic Machines https://sciendo.com/article/10.2478/ata-2021-0014#</p>	<p>Acta Technologica Agriculturae Journal Details Published Online: 21 May 2021 Page range (Indexed By: Scopus)</p>	84/91	8
9	<p>I. Shepelenko, Y. Nemyrovskiy, Y. Tsekhanov, E. Posviatenko, Z. Omiotek, M. Kozhamberdiyeva, A. Shortanbayeva Modeling of contact interaction of microroughnesses of treated surfaces during finishing anti-friction non-abrasive treatment FANT// <u>Mechatronic Systems 2</u>. Applications in Material Handling Processes and Robotics. ISBN 9781003225447. DOI:10.1201/9781003225447-21</p>	<p>Monografia. – 2021. (Indexed By: Scopus)</p>	237/246	10
10	<p>Shepelenko I., Nemyrovskiy Y., Tsekhanov Y., Mirzak V., Mahopets S. Features of Plasticity Diagram Construction for Low-plastic Materials https://doi.org/10.1007/978-3-030-91327-4_35</p>	<p>Advanced Manufacturing Processes III. InterPartner 2021. Lecture Notes in Mechanical Engineering. Springer, Cham, 2022 (Indexed By: Scopus)</p>	353/361	10

-1-	-2-	-3-	-4-	-5-
11	V. Kotsyubynsky, L. Shyyko, T. Shihab, P. Prysyazhnyuk, V. Aulin, V. Boichuk Multilayered MoS ₂ /C nanospheres as high performance additives to lubricating oils https://doi.org/10.1016/j.matpr.2019.10.021	Materials Today: Proceedings 35 (2021). (Indexed By: Scopus)	538/541	4
2022				
1	Shepelenko I., Nemyrovskiy Y., Chernovol M., Kyrychenko A., Vasylenko I. «Deformation Zone Scheme Clarification During Deforming Broaching» https://doi.org/10.1007/978-3-031-06025-0_30	Advances in Design, Simulation and Manufacturing V. DSMIE 2022. Lecture Notes in Mechanical Engineering. Springer, Cham, 2022. (Indexed By: Scopus).	302/311	10
2	Nemyrovskiy Y., Shepelenko I., Solovykh E., Bevz, O., Leshchenko S. «Studying the Mechanics of Low-Plastic Materials Surface Layer Processed by Deforming Broaching» https://doi.org/10.1007/978-3-031-05230-9_15	New Technologies, Development and Application V. NT 2022. Lecture Notes in Networks and Systems, vol 472. Springer, Cham, (Indexed By: Scopus).	128/134	7
3	Студент М.М., Маркович С.І., Гвоздецький В.М., Калахан О.С., Юськів В.М. «Абразивна зносостійкість та трибологічні характеристики електрометалізаційних композиційних покриттів» http://dspace.kntu.kr.ua/jspui/handle/123456789/12025	ФІЗИКО-ХІМІЧНА МЕХАНІКА МАТЕРІАЛІВ, м. Львів, ТзОВ «Простір-М» том 58, №1, 2022 (Indexed By: Scopus).	90/98	8
4	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» https://doi.org/10.1007/978-3-031-16651-8_20	Advanced Manufacturing Processes IV. InterPartner 2022. Lecture Notes in Mechanical Engineering. Springer, Cham, 2022. (Indexed By: Scopus).	211/221	10
5	Victor AULIN, Andrej PANKOV, Grigorij NECHAEV, Helen BI-BIK, Vasiliy ERMAK, Alexey KUKHAREV, Dmitriy OSTAPUSH-CHENKO, Oleg VORONOV. «Modeling, research and development of jet elements» https://doi.org/10.35633/inmateh-67-20	INMATEH - Agricultural Engineering. Vol. 67, No. 2 / 2022 (Indexed By: Scopus).	201/210	10
6	Victor Vojtov, Katherine Fenenko, Anton Voitov, Andriy Hryniv, Oleg Lyashuk, Yuriy Vovk «Methodical approach to using acoustic emission method for tribo-system monitoring» http://www.tribology.rs/journals/2022/2022-3/2022-3-09.html	Tribology in Industry Vol. 44, No. 3 (2022) (Indexed By: Scopus).	470/481	12
2023				
1	М.М. Студент, С.І. Маркович, В.М. Гвоздецький [та ін.] «Абразивна зносостійкість та трибологічні характеристики електрометалізаційних композиційних покриттів» http://dspace.kntu.kr.ua/jspui/handle/123456789/12025 http://pcmm.ipm.lviv.ua/pcmm-2022-1u.pdf	Фізико-хімічна механіка матеріалів. – 2022. – № 1 (Indexed By: Scopus).	90/97	7

-1-	-2-	-3-	-4-	-5-
2	Nemyrovskiy Y.; Shepelenko I.; Stor-chak M. «Plasticity Resource of Cast Iron at Deforming Broa-ching» https://www.mdpi.com/2075-4701/13/3/551	Metals 13, no. 3: 551, 2023. (Indexed By: Scopus).	1/19	19
3	Alexander Permya-kov, Yakiv Nemyro-vskiy, Eduard Posvia-tenko, Ihor Shepelen-ko «Methodology of technological design in the restoration of parts» https://iopscience.iop.org/article/10.1088/1757-899X/1277/1/012013/meta	Journal of Physics: Conference Series , Mater. Sci. Eng. 1277 012013, 2023. (Indexed By: Scopus).	1/7	7
4	Shepelenko I., Solo-vykh E., Bevz O., Ka-terynych S., Solovuch A. «Research of the Surface Oil Absorpti-on Processed by Vib-ration Rolling and De-forming Broaching» https://doi.org/10.1007/978-3-031-31066-9_14	New Technologies, Development and Application VI. NT 2023. Lecture Notes in Networks and Systems, vol 687. Springer, Cham, 2023. (Indexed By: Scopus).	131/138	8
5	Shepelenko I., Nemy-rovskiy Y., Lizunkov O., Vasylenko I., Osin R. «The Stress-Deformed State of the Cylinder Liner’s Working Surface» https://doi.org/10.1007/978-3-031-32767-4_33	Advances in Design, Simulation and Manufacturing VI. DSMIE 2023. Lecture Notes in Mechanical Engineering. Springer, Cham, 2023. (Indexed By: Scopus).	347/355	9