

Огляд цитування публікацій, які увійшли до роботи

№ п.п	Назва статті (монографії), автори, назва видання, рік, том, сторінка або DOI	Кількість посилань згідно бази даних		
		Web of Science	Scopus	Google Scholar
1.	Topalov A., Kozlov O., Gerasin O., Kondratenko G., Kondratenko Y. Stabilization and control of the floating dock's list and trim: algorithmic solution. Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering (TCSET). Proceedings of 14th International Conference. Lviv-Slavske, Ukraine. 2018. P. 1217–1222. DOI: 10.1109/TCSET.2018.8336414.	12	18	26
2.	Nedoroda V., Trokhymenko G., Khrapko T., Koliehova A. Analysis of Petroleum Biodegradation by a Bacterial Consortium of <i>Bacillus amyloliquefaciens</i> ssp. <i>plantarum</i> and <i>Bacillus subtilis</i> . Journal of Ecological Engineering. 2021. Vol. 22. Iss. 11. P. 36–42. https://doi.org/10.12911/22998993/143017	5	6	13
3.	Taranov M., Rudolph J., Wolf C., Kondratenko Y., Gerasin O. Advanced approaches to reduce number of actors in a magnetically-operated wheel-mover of a mobile robot. Perspective Technologies and Methods in MEMS Design (MEMSTECH): Proceedings of the 2017 13th International Conference (Polyana, Ukraine, April 20–23, 2017). Polyana. 2017. P. 96–100. DOI: 10.1109/MEMSTECH.2017.7937542.	4	5	10
4.	Gerasin O., Zaporozhets Y., Kondratenko Y. Models of magnetic driver interaction with ferromagnetic surface and geometric data computing for clamping force localization patches. Data Stream Mining & Processing (DSMP): Proc. of the IEEE Second Int. Conf. Lviv, Ukraine. 2018. P. 44–49. DOI: 10.1109/DSMP.2018.8478623.	4	2	6
5.	Gerasin O.S., Kozlov O.V., Kondratenko G.V., Rudolph J., Kondratenko Y.P. Neural controller for mobile multipurpose caterpillar robot. Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications (IDAACS): Proceedings of the 10th IEEE International Conference, Metz, France, Vol. 1. 2019. P. 222-227. DOI: 10.1109/IDAACS.2019.8924321.	3	7	13
6.	Kondratenko Y. P., Topalov A. M. Kozlov O. V. Simulation of the initial stability of the floating dock for the list and trim stabilization tasks. Problemele energeticii regionale. Vol. 1-2, no. 41. 2019. P. 12-24. https://journal.ie.asm.md/assets/files/02_12_41_2019.pdf	3	-	-
7.	Pavlov G., Pokrovskiy M., Vinnichenko I. Load characteristics of the serial-to-serial resonant converter with pulse-number regulation for contactless inductive energy transfer. IEEE 3rd International Conference on Intelligent	2	5	8

	Energy and Power Systems (IEPS), Kharkiv, Ukraine, 2018. P. 133-138. DOI: 10.1109/IEPS.2018.8559590			
8.	Ben N., Ryzhkov S., Topalov A., Gerasin O., Yan X., Karpechenko A., Povorozniuk O. A methodology and information system for computing and optimization of impellers and vanned diffusers geometry parameters. Applied Computer Systems. Vol.27, no.1. 2022, P.62-74. https://doi.org/10.2478/acss-2022-0007	1	-	1
9.	Кондратенко Ю. П., Рудольф Й., Козлов О. В., Запорожець Ю. М., Герасін О. С. Нейро-нечіткі спостерігачі для ідентифікації притискного зусилля магнітокерованих рушіїв мобільних роботів Технічна електродинаміка. 2017. № 5. С. 53–61. DOI: https://doi.org/10.15407/techned2017.05.053 .	-	20	5
10.	Kondratenko Y.P., Kozlov O.V., Korobko O.V., Topalov A.M. Internet of things approach for automation of the complex industrial systems. Proceedings of the 13th International Conference on ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer. Kyiv, Ukraine. May 15-18, 2017). P. 3-18. https://ceur-ws.org/Vol-1844/10000003.pdf	-	17	24
11.	Kondratenko, Y., Gerasin, O., Kozlov, O., Topalov, A., Kilimanov, B. Inspection mobile robot's control system with remote IoT-based data transmission. Journal of Mobile Multimedia. Special issue “Mobile Communication and Computing for Internet of Things and Industrial Automation”, Vol. 17, Is. 4. 2021. P. 499-526. https://journals.riverpublishers.com/index.php/JMM/article/view/5901	-	12	23
12.	A. Topalov, G. Kondratenko, O. Gerasin, O. Kozlov, O. Zivenko. Information system for automatic planning of liquid ballast distribution. Proceedings of the 2nd International Workshop on Information-Communication Technologies & Embedded Systems (ICTES 2020), Mykolaiv, Ukraine (online), November 12, 2020. Edited by Yuriy Kondratenko, Vladik Kreinovich, Dan Simon, Yaroslav Krainyk, CEUR Workshop Proceedings, Vol-2762. P. 191-200. http://ceur-ws.org/Vol-2762/paper13.pdf	-	9	14
13.	Kondratenko Y.P., Kozlov O.V., Topalov A.M., Gerasin O.S. Computerized system for remote level control with discrete self-testing. CEUR Workshop Proceedings. Vol. 1844. 2017. P. 608-619. https://ceur-ws.org/Vol-1844/10000608.pdf	-	9	11
14.	Kondratenko Y., Zaporozhets Y., Rudolph J., Gerasin O., Topalov A., Kozlov O. Modeling of clamping magnets interaction with ferromagnetic surface for wheel mobile robots. International Journal of Computing. 2018. Vol. 17, no. 1. P. 33–46. DOI:10.47839/ijc.17.1.947	-	7	15
15.	Kondratenko Y., Kozlov O., Gerasin O. Neuroevolutionary approach to control of complex multicoordinate interrelated	-	6	10

	plants. International Journal of Computing. 2019. № 18(4). P. 502-514. DOI: 10.47839/ijc.18.4.1620.			
16.	Topalov A., Kozlov O., Gerasin O., Kondratenko G., Kondratenko Y. Stabilization and control of the floating dock's list and trim: algorithmic solution. Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering (TCSET). Proceedings of 14th International Conference. Lviv-Slavske, Ukraine. 2018. P. 1217–1222. DOI: 10.1109/TCSET.2018.8336414.	-	5	11
17.	Topalov, A.M., Kondratenko, Y.P., Kozlov, O.V. Computerized intelligent system for remote diagnostics of level sensors in the floating dock ballast complexes. Proceedings of the 14th International Conference on ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer. Kyiv, Ukraine. May 14-17, 2018. P. 94-108. https://ceur-ws.org/Vol-2105/10000094.pdf	-	5	10
18.	Gerasin O., Kondratenko Y., Topalov A. Dependable robot's slip displacement sensors based on capacitive registration elements. Dependable Systems, Services and Technologies (DESSERT'2018): Proceedings of the 9th IEEE Int. Conf. Kyiv, Ukraine. 24-27 May, 2018. P. 378–383. DOI: 10.1109/DESSERT.2018.8409159.	-	5	8
19.	Gerasin, O.S., Topalov, A.M., Taranov, M.O., Kozlov, O.V., Kondratenko, Y.P. Remote IoT-based control system of the mobile caterpillar robot. CEUR Workshop Proceedings. 2020. Vol. 2740, P. 129-136. http://ceur-ws.org/Vol-2740/20200129.pdf	-	5	7
20.	D. Vinnychenko, N. Nazarova, I. Vinnychenko. Transformerless high-voltage resonant charging systems for capacitive energy storage devices for electro-discharge technologies. 2022 IEEE 41st International Conference on Electronics and Nanotechnology (ELNANO), 2022. P. 727-731. DOI: 10.1109/ELNANO54667.2022.9927052.	-	4	4
21.	G. Pavlov, A. Obrubov, I. Vinnychenko, Design procedure of static characteristics of the resonant converters. IEEE 3rd Ukraine Conference on Electrical and Computer Engineering (UKRCON), Lviv, Ukraine, 2021. P. 401-406. DOI: 10.1109/UKRCON53503.2021.9575698	-	3	6
22.	O. M. Dubovoy, A. A. Karpechenko, M. M. Bobrov, O. S. Gerasin, O. O. Lyamar. Electric arc spraying of cermet coatings of steel 65G-Tic system. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu. 2021. Vol. 2. P. 063-068. https://nvngu.in.ua/index.php/uk/arkhiv-zhurnalu/za-vipuskami/1864-2021/zmist-2-2021/5815-63	-	3	10
23.	Вінниченко, Д., Назарова Н., Вінниченко, І. Дослідження характеристик високовольтного безтрансформаторного резонансного зарядного пристрою ємнісного накопичувача. Технічна електродинаміка, № 2. Лют 2023. С. 21-29.	-	2	2

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24.	O. V. Kozlov, Yu. P. Kondratenko, O. S. Skakodub, O. S. Gerasin, A. M. Topalov. Swarm optimization of fuzzy systems for mobile robots with remote control. <i>Journal of Mobile Multimedia</i> . Vol. 19, Is. 3. 2023. P. 839-876. https://doi.org/10.13052/jmm1550-4646.1939 https://journals.riverpublishers.com/index.php/JMM/article/view/14975	-	2	6
25.	Nedoroda V., Trokhymenko G., Magas. N. Bioremediation Possibilities of Oil-Contaminated Soil by Biosurfactant Based on Bacillus Strain. <i>Journal of Ecological Engineering</i> . 2022. Vol. 23. Iss. 8. P. 49-55. https://doi.org/10.12911/22998993/150672	-	1	3
26.	Cherno O.O., Gerasin O.S., Topalov A.M., Stakanov D.K., Hurov A.P., Vyzhol Yu.O.. Simulation of mobile robot clamping magnets by circle-field method. <i>Technical Electrodynamics</i> . No. 3. 2021. P. 58-64. https://www.techned.org.ua/index.php/techned/article/view/135	-	1	1
27.	Pavlov, G., Obrubov, A., Vinnichenko, I. Determining the dynamic model of the charging resonant converter with inductive coupling by an experimental-analytical method. <i>Eastern-European Journal of Enterprise Technologies</i> . 2022. Vol. 4, no. 8 (118). P. 17–28. https://doi.org/10.15587/1729-4061.2022.263526 http://journals.uran.ua/eejet/article/view/263526	-	1	1
28.	Pavlov, G. Obrubov, A. Vinnichenko, I. Optimizing the operation of charging self-generating resonant inverters. <i>Eastern-European Journal of Enterprise Technologies</i> . February 25, 2022. Vol. 1, no. 5 (115). P. 23–34. https://doi.org/10.15587/1729-4061.2022.252148 , https://ssrn.com/ABSTRACT=4068906	-	1	1
29.	G. Pavlov, M. Pokrovskiy, I. Vinnichenko, D. Vinnichenko, I. Zhuk. Energy parameters of the serial-to-serial resonant converter with pulse-number control for wireless power transfer IEEE 4th International Conference on Intelligent Energy and Power Systems (IEPS), Istanbul, Turkey. 2020. P. 296-300. DOI: 10.1109/IEPS51250.2020.9263195.	-	1	1
30.	Kozlov O. V., Gerasin O. S., Kondratenko G. V. Complex of tasks of monitoring and automatic control of mobile robots for vertical movement. <i>International Journal “Shipbuilding & Marine Infrastructure”</i> . 2017. № 2(8). P. 77–87. https://eir.nuos.edu.ua/items/a2d4f4f7-f54f-4683-8cca-6cc9cef31ab4	-	-	8
31.	Ch. Dong, O. Povorozniuk, A. Topalov, K. Wang, Zh. Chen. Development of the control system for LEGO Mindstorms EV3 mobile robot based on MATLAB/Simulink elements. <i>Technology audit and production reserves</i> . Vol. 1, no. 2(69). 2023. <i>Information and control systems</i> , P. 30-35. DOI:	-	-	5

	https://doi.org/10.15587/2706-5448.2023.274846			
32.	Na L., Gerasin O., Topalov A., Karpechenko A. Analysis of tasks of monitoring and automatic control of agricultural mobile robot. Management of Development of Complex Systems. Vol. 47. 2021. P. 174–179. dx.doi.org\10.32347/2412-9933.2021.47.174-179	-	-	4
33.	J. Wang, Ch. Dong, K. Wang, Zh. Chen, R. Xie, W. Zhu, A. Topalov, O. Povorozniuk. Software analysis for mobile robots control programs. Management of Development of Complex Systems. Vol. 53. 2023. P. 111–119, dx.doi.org\10.32347/2412-9933.2023.53.111-119 .	-	-	2
34.	Топалов А.М., Кондратенко Ю.П., Козлов О.В. Комп'ютеризована система для дистанційної діагностики датчиків рівня баластного комплексу плавучого доку. Вчені записки ТНУ імені В.І. Вернадського. Серія: технічні науки. Інформатика, обчислювальна техніка та автоматизація. Том 29 (68) Ч. 2 № 4, 2018. С. 19 – 25. https://www.tech.vernadskyjournals.in.ua/journals/2018/4_2_018/part_2/6.pdf	-	-	2
35.	Kozlov O. V., Gerasin O. S., Kondratenko Y. P., Kushnir V. O. Automation of the monitoring and control processes of a mobile robot for processing of large inclined surfaces. International Journal “Shipbuilding & Marine Infrastructure”. 2018. № 1 (9). P. 59–66. https://rep.nuos.edu.ua/server/api/core/bitstreams/5d37b4a7-52ad-4e2d-b727-e42138248f76/content	-	-	2
36.	Gerasin O. S., Kozlov O. V., Kondratenko G. V., Mingxin H. Synthesis and study of the mathematical model of a caterpillar mobile robot for vertical movement. Проблеми інформаційних технологій. 2018. № 1 (23). С. 87–97.	-	-	2
37.	Kozlov O. V., Kondratenko G. V., Gerasin O. S., Mingxin H. Modeling of an automatic control system for a multipurpose mobile robot's spatial motion. Modeling of an automatic control system for a multipurpose mobile robot's spatial motion. Електротехнічні та комп'ютерні системи. 2018. № 28 (104). С. 248–256. https://eltechs.op.edu.ua/index.php/journal/article/view/167	-	-	1
38.	G. Pavlov, I. Vinnichenko, M. Pokrovskiy, N. Tarabanov. Electromagnetic processes in serial-to-parallel resonant converter for contactless charging of electric vehicle battery. IEEE 39th International Conference on Electronics and Nanotechnology (ELNANO), Kyiv, Ukraine. 2019. P. 668-673. DOI: 10.1109/ELNANO.2019.8783649	-	-	1
39.	Pavlov H., Vinnychenko I., Vinnychenko D. Research of the processes in resonant flyback converter for contactless battery charging. Shipbuilding and Marine Infrastructure. No. 1(15). 2021. P. 36-44. DOI: https://doi.org/10.15589/smi2021.1(15).3	-	-	1
40.	V. Golikov, A. Topalov, O. Gerasin, A. Karpechenko.	-	-	1

Modeling a stage of a multistage centrifugal compressor: the blades' thickness effect of an impeller and a diffuser. ACTA TECHNICA NAPOCENSIS. Series: Applied Mathematics, Mechanics, and Engineering. Vol. 65, Issue IV. November, 2022. P. 531-540. https://atnamam.utcluj.ro/index.php/Acta/article/view/2011 ISSN 1221 – 5872			
Загальна кількість цитувань	34	162	279
h-index	4	7	10

ПІБ кожного з авторів роботи та посилання на профілі у наукометричних базах даних (кількість рядків залежно від кількості авторів)	кількість посилань/ h-індекс згідно з базами даних за останні 5 років		
	Web of Science	Scopus	Google Scholar
Вінниченко Ірина Леонідівна https://www.webofscience.com/wos/author/record/33473751 https://www.scopus.com/authid/detail.uri?authorId=57190811692 https://scholar.google.com/citations?hl=ru&user=NcPPYHQAAA AJ&view_op=list_works	5/0	12/2	56/5
Герасін Олександр Сергійович https://www.webofscience.com/wos/author/record/V-5177-2017?state=%7B%7D https://www.scopus.com/authid/detail.uri?authorId=57103549700 https://scholar.google.com.ua/citations?hl=ru&user=Ce02DTYAAA AJ&view_op=list_works	42/1	43/5	235/9
Топалов Андрій Миколайович https://www.webofscience.com/wos/author/record/944784 https://www.scopus.com/authid/detail.uri?authorId=57103166700 https://scholar.google.com.ua/citations?hl=uk&user=zc8NvJkAAA AJ&view_op=list_works	34/1	30/3	283/10
Недорода Владислав Миколайович https://www.webofscience.com/wos/author/record/32520823 https://www.scopus.com/authid/detail.uri?authorId=57353035900 https://scholar.google.com.ua/citations?user=1V6vWUYAAAAAJ&hl=uk&oi=ao	5/1	7/1	16/2