

**«Інтелектуально-керовані технології імпульсної обробки металів»  
(Шлик Сергій Вікторович, Ченчева Ольга Олександрівна, Клец Дмитро Михайлович, Лашко Євгеній Євгенович)**

Scopus: *Shlyk Sergii, author ID: 57194460960*

Google Academia: *Sergii Shlyk*

Researcherid: *D-9348-2016*

Scopus: *Chencheva Olga, author ID: 57203619235*

Google Academia: *Ольга Ченчева*

Researcherid:

Scopus: *Klets Dmytro, author ID: 57191519585*

Google Academia: *Dmytro Klets, Дмитрій Михайлович Клец, Дмитро Михайлович Клец*

Researcherid: *P-3547-2018*

Scopus: *Lashko Evgeny, author ID: 57203623830*

Google Academia: *Evgeny Lashko (Євгеній Лашко; Евгений Лашко)*

Researcherid: *U-4236-2017*

№ 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.	Information Model of V2I System of the Vehicle Technical Condition Remote Monitoring and Control in Operation Conditions By: Gritsuk, I.; Volkov, V.; Klets, D.; et. al. SAE TECHNICAL PAPER Published: APR 2018 DOI: <a href="https://doi.org/10.4271/2018-01-0024">https://doi.org/10.4271/2018-01-0024</a>	–	24	37
2.	Method of determination of technological durability of plastically deformed sheet parts of vehicles By: Dragobetskii, V.; Zagirnyak, M.; Shlyk, S.; et. al. INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY (UAE) Volume: 7 Issue: 4.3 Pages: 92–99 Published: SEP 2018 DOI: <a href="https://doi.org/10.14419/ijet.v7i4.3.19558">https://doi.org/10.14419/ijet.v7i4.3.19558</a>	–	15	17
3.	The technology of production of a copper - Aluminum - Copper composite to produce current lead buses of the high - Voltage plants By: Dragobetskii, V.; Shapoval, A.; Shlyk, S.; et. al. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON MODERN ELECTRICAL AND ENERGY SYSTEMS, MEES 2017 Pages: 400–403 Published: NOV 2017 DOI: <a href="https://doi.org/10.1109/MEES.2017.8248944">https://doi.org/10.1109/MEES.2017.8248944</a>	–	14	21
4.	Application of explosion treatment methods for production items of powder materials   Zastosowanie metod eksplozyjnych do produkcji sproszkowanych materiałów By: Dragobetskii, V.; Zagirnyak, M.; Shlyk, S.; et. al. PRZEGLĄD ELEKTROTECHNICZNY Volume: 95 Issue: 5 Pages: 39–42 Published: MAY 2019 DOI: <a href="https://doi.org/10.15199/48.2019.05.10">https://doi.org/10.15199/48.2019.05.10</a>	–	14	15
5.	Increase of Stability for Motor Cars in Service Braking By: Podrigalo, M.; Turenko, A.; Klets, D.; et. al. SAE TECHNICAL PAPER Published: OCT 2018 DOI: <a href="https://doi.org/10.4271/2018-01-1880">https://doi.org/10.4271/2018-01-1880</a>	–	13	13

6.	Improving the Operational Reliability of Stamped Parts of Electrical Engineering Machines and Electrical Products By: Dragobetskii, V.; Shapoval, A.; Shlyk, S.; et. al. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON MODERN ELECTRICAL AND ENERGY SYSTEMS, MEES 2019 Pages: 506–509 Published: SEP 2019 DOI: <a href="https://doi.org/10.1109/MEES.2019.8896532">https://doi.org/10.1109/MEES.2019.8896532</a>	–	13	12
7.	Information Security Risk Management of Vehicles By: Klets, D.; Gritsuk, I.; Makovetskyi, A.; et. al. SAE TECHNICAL PAPER Published: APR 2018 DOI: <a href="https://doi.org/10.4271/2018-01-0015">https://doi.org/10.4271/2018-01-0015</a>	–	12	12
8.	Improvement of the Assessment Methods for the Braking Dynamics with ABS Malfunction By: Podrigalo, M.; Klets, D.; Sergiyenko, O.; et. al. SAE TECHNICAL PAPER Published: OCT 2018 DOI: <a href="https://doi.org/10.4271/2018-01-1881">https://doi.org/10.4271/2018-01-1881</a>	–	6	7
9.	Creation of the energy approach for estimating automobile dynamics and fuel efficiency By: Podrigalo, M.; Klets, D.; Podrigalo, N.; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 5 Issue: 7 (89) Pages: 58–64 Published: OCT 2017 DOI: <a href="https://doi.org/10.15587/1729-4061.2017.110248">https://doi.org/10.15587/1729-4061.2017.110248</a>	–	5	8
10.	Research on Harmonic Composition of Voltage and Current of Induction Generator with High Saturation Magnetic System By: Chenchevoi, V.; Zachepa, I.; Chencheva, O.; et. al. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON MODERN ELECTRICAL AND ENERGY SYSTEMS, MEES 2019 Pages: 170–173 Published: SEP 2019 DOI: <a href="https://doi.org/10.1109/MEES.2019.8896498">https://doi.org/10.1109/MEES.2019.8896498</a>	–	5	5
11.	A method of evaluating vehicle controllability according to the dynamic factor By: Turenko, A.; Podrygalo, M.; Klets, D.; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 3 Issue: 7 (81) Pages: 29–33 Published: JUN 2016 DOI: <a href="https://doi.org/10.15587/1729-4061.2016.72117">https://doi.org/10.15587/1729-4061.2016.72117</a>	–	5	5
12.	Synthesis of energy-efficient acceleration control law of automobile By: Podrigalo, M.; Kaidalov, R.; Klets, D.; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 1 Issue: 7 (91) Pages: 62–70 Published: AUG 2018 DOI: <a href="https://doi.org/10.15587/1729-4061.2018.121568">https://doi.org/10.15587/1729-4061.2018.121568</a>	–	5	4
13.	Forming a defective surface layer when cutting parts made from Carbon-carbon and carbon-polymeric composites By: Salenko, A.; Chencheva, O.; Lashko, E; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 4 Issue: 1 (94) Pages: 61–72 Published: AUG 2018 DOI: <a href="https://doi.org/10.15587/1729-4061.2018.139556">https://doi.org/10.15587/1729-4061.2018.139556</a>	–	2	5
14.	Development of the mathematical model for sheet blanks forming calculation using simulation in ANSYS software By: Trotsko, O.; Shlyk, S. 2018 IEEE 13TH INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE ON COMPUTER SCIENCES AND INFORMATION TECHNOLOGIES, CSIT 2018 – PROCEEDINGS Pages: 169–172 Published: SEP 2018 DOI: <a href="https://doi.org/10.1109/MEES.2017.8248944">https://doi.org/10.1109/MEES.2017.8248944</a>	–	2	3

15.	Modeling of operation processes of a motor grader engine during work under unsteady load By: Klets, D.; Krasnokutsky, M.; Hatsko, V.; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 4 Issue: 7 (88) Pages: 45–50 Published: AUG 2017 DOI: <a href="https://doi.org/10.15587/1729-4061.2017.107128">https://doi.org/10.15587/1729-4061.2017.107128</a>	–	2	3
16.	Development of a Mathematical Model for Power Engineering Parts Deep Drawing from Two-layer Materials By: Shlyk, S.; Haikova, T. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON MODERN ELECTRICAL AND ENERGY SYSTEMS, MEES 2019 Pages: 382–385 Published: SEP 2019 DOI: <a href="https://doi.org/10.1109/MEES.2019.8896600">https://doi.org/10.1109/MEES.2019.8896600</a>	–	2	2
17.	The Influence of the Driving Speed and Vertical Acceleration of the Mobile Machine on the Change of Soil Packing By: Artiomov, M.; Klets, D.; Boldovskyi, V.; et. al. INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY (UAE) Volume: 7 Issue: 4.3 Pages: 179–184 Published: SEP 2018 DOI: <a href="https://doi.org/10.14419/ijet.v7i4.3.19730">https://doi.org/10.14419/ijet.v7i4.3.19730</a>	–	2	2
18.	Simulation of dynamic fracture of the borehole bottom taking into consideration stress concentrator By: Vorobyov, V.; Pomazan, M.; Shlyk, S.; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 3 Issue: 1 (87) Pages: 53–62 Published: MAY 2017 DOI: <a href="https://doi.org/10.15587/1729-4061.2017.101444">https://doi.org/10.15587/1729-4061.2017.101444</a>	–	1	5
19.	Evaluation of Power Indicators of the Automobile Engine By: Abed Dhahad, H.; Hameed Alawee, W.; Klets, D.; et. al. INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY (UAE) Volume: 7 Issue: 4.3 Pages: 130–134 Published: SEP 2018 DOI: <a href="https://doi.org/10.14419/ijet.v7i4.3.19722">https://doi.org/10.14419/ijet.v7i4.3.19722</a>	–	1	4
20.	Effect of slime and dust emission on micro-cutting when processing carbon-carbon composites By: Salenko, A.; Chencheva, O.; Lashko, E; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 3 Issue: 1 (105) Pages: 38–51 Published: JUN 2020 DOI: <a href="https://doi.org/10.15587/1729-4061.2020.203279">https://doi.org/10.15587/1729-4061.2020.203279</a>	–	1	3
21.	Determination of the resistance of the cylindrical-tubular drill for trenchless laying of underground communications By: Kravets, S.; Suponyev, V.; Klets, D.; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 3 Issue: 7 (93) Pages: 64–70 Published: AUG 2018 DOI: <a href="https://doi.org/10.15587/1729-4061.2018.131838">https://doi.org/10.15587/1729-4061.2018.131838</a>	–	1	2
22.	Selecting a rational operation mode of mobile power unit using measuring and control complex By: Shuliak, M.; Klets, D.; Kalinin, Y.; et. al. CEUR WORKSHOP PROCEEDINGS Pages: 141–151 Published: JUN 2019 Available at: <a href="http://ceur-ws.org/Vol-2387/20190141.pdf">http://ceur-ws.org/Vol-2387/20190141.pdf</a>	–	1	1
23.	Stability of Wheel Tractors during Braking By: Podrigalo, M.; Kholodov, M.; Klets, D.; et. al. SAE TECHNICAL PAPER Published: SEP 2019 DOI: <a href="https://doi.org/10.4271/2019-01-2142">https://doi.org/10.4271/2019-01-2142</a>	–	1	1

24.	Analysis of the Tractor-Trailer Dynamics during Braking By: Podrigalo, M.; Klets, D.; Kholodov, M.; et. al. SAE TECHNICAL PAPER Published: SEP 2019 DOI: <a href="https://doi.org/10.4271/2019-01-2144">https://doi.org/10.4271/2019-01-2144</a>	–	1	0
25.	Development of automotive computer systems based on the virtualization of transportation processes management By: Aleksiyev, O.; Aleksiyev, V.; Klets, D.; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 6 Issue: 3 (90) Pages: 14–25 Published: NOV 2017 DOI: <a href="https://doi.org/10.15587/1729-4061.2017.116351">https://doi.org/10.15587/1729-4061.2017.116351</a>	–	0	4
26.	Braking Performance of the One Side Wheels for the Realization of the Crab Motion for the Front-Wheel Vehicle By: Podrigalo, M.; Klets, D.; Boboshko, O.; et. al. SAE TECHNICAL PAPER Published: SEP 2019 DOI: <a href="https://doi.org/10.4271/2019-01-2147">https://doi.org/10.4271/2019-01-2147</a>	–	0	1
27.	Information system for controlling transport-technological unit with variable mass By: Kalinin, Y.; Klets, D.; Shuliak, M.; et. al. CEUR WORKSHOP PROCEEDINGS Pages: 303–312 Published: OCT 2020 Available at: <a href="http://ceur-ws.org/Vol-2732/20200303.pdf">http://ceur-ws.org/Vol-2732/20200303.pdf</a>	–	0	0
28.	The Explosive Expansion of Electrical Equipment Housings with Variable Curvature By: Shlyk, S.; Chencheva, O.; Klets, D.; et. al. PROCEEDINGS OF THE 25TH IEEE INTERNATIONAL CONFERENCE ON PROBLEMS OF AUTOMATED ELECTRIC DRIVE. THEORY AND PRACTICE, PAEP 2020 Pages: 381–385 Published: SEP 2020 DOI: <a href="https://doi.org/10.1109/PAEP49887.2020.9240822">https://doi.org/10.1109/PAEP49887.2020.9240822</a>	–	0	0
29.	Ensuring The Functional Properties of Responsible Structural Plastic Elements by Means of 3-D Printing By: Salenko, A.; Lashko, E; Chencheva, O.; et. al. EASTERN-EUROPEAN JOURNAL OF ENTERPRISE TECHNOLOGIES Volume: 5 Issue: 1 (107) Pages: 18–28 Published: OCT 2020 DOI: <a href="https://doi.org/10.15587/1729-4061.2020.211752">https://doi.org/10.15587/1729-4061.2020.211752</a>	–	0	0
30.	Refining induction machine characteristics at high saturation of steel By: Zagirnyak, M.; Chenchevoi, V.; Chencheva, O.; et. al. PRZEGLĄD ELEKTROTECHNICZNY Volume: 96 Issue: 11 Pages: 119–123 Published: OCT 2020 DOI: <a href="https://doi.org/10.15199/48.2020.11.24">https://doi.org/10.15199/48.2020.11.24</a>	–	0	0
31.	Application of the Augmented Reality Technology to Training Future Electrical Engineers By: Poyasok, T.; Chenchevoi, V.; Chencheva, O.; et. al. PROCEEDINGS OF THE 25TH IEEE INTERNATIONAL CONFERENCE ON PROBLEMS OF AUTOMATED ELECTRIC DRIVE. THEORY AND PRACTICE, PAEP 2020 Pages: 465–468 Published: SEP 2020 DOI: <a href="https://doi.org/10.1109/PAEP49887.2020.9240788">https://doi.org/10.1109/PAEP49887.2020.9240788</a>	–	0	0
32.	Parameters of Guaranteed Self-Excitation of an Induction Generator for Autonomous Electric Power Sources By: Chenchevoi, V.; Zachepa, I.; Chencheva, O.; et. al. PROCEEDINGS OF THE 25TH IEEE INTERNATIONAL CONFERENCE ON PROBLEMS OF AUTOMATED ELECTRIC DRIVE. THEORY AND PRACTICE, PAEP 2020 Pages: 182–185 Published: SEP 2020 DOI: <a href="https://doi.org/10.1109/PAEP49887.2020.9240851">https://doi.org/10.1109/PAEP49887.2020.9240851</a>	–	0	0

33.	Electric Power Quality Induction Generator with Parametric Asymmetry By: Chenchevoi, V.; Zachepa, I.; Chencheva, O.; et. al. 2020 IEEE KHPI WEEK ON ADVANCED TECHNOLOGY, KHPI WEEK 2020 - CONFERENCE PROCEEDINGS Pages: 504–508 Published: OCT 2020 DOI: <a href="https://doi.org/10.1109/KhPIWeek51551.2020.9250097">https://doi.org/10.1109/KhPIWeek51551.2020.9250097</a>	–	0	0
34.	New methods and systems for monitoring the functional stability parameters of wheel machines power units By: Podrigalo, M.; Dubinin, Y.; Klets, D.; et. al. SAE TECHNICAL PAPER Published: SEP 2020 DOI: <a href="https://doi.org/10.4271/2020-01-2144">https://doi.org/10.4271/2020-01-2144</a>	–	0	0
35.	The Improvement Brake's Qualities of Vehicle by Developing the Method of the Choosing Frictional Pairs of the Brakes Mechanisms By: Podrigalo, M.; Klets, D.; Kholodov, M.; et. al. SAE TECHNICAL PAPER Published: SEP 2019 DOI: <a href="https://doi.org/10.4271/2019-01-2145">https://doi.org/10.4271/2019-01-2145</a>	–	0	0
36.	Probabilistic Method for Assessing the Stability of Multi-Axle Vehicles When Braking By: Podrigalo, M.; Klets, D.; Yatsenko, K.; et. al. SAE TECHNICAL PAPER Published: SEP 2019 DOI: <a href="https://doi.org/10.4271/2019-01-2146">https://doi.org/10.4271/2019-01-2146</a>	–	0	0
37.	Modelling and simulation of metal construction stress-strain behaviour when designing road-building machines By: Rieznikov, O.; Klets, D.; Kholodov, A.; et. al. ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING Volume: 1265 Pages: 92–100 Published: JAN 2021 DOI: <a href="https://doi.org/10.1007/978-3-030-58124-4_9">https://doi.org/10.1007/978-3-030-58124-4_9</a>	–	0	0
38.	Guaranteeing of the Mechanical Characteristics of Soldered Thin-Walled Structures of Ni – 20Cr – 6Al – 1Ti – 1Y <sub>2</sub> O <sub>3</sub> Refractory Alloy By: Salenko, O.F.; Shchetynin, V.T.; Lashko, E.E.; et. al. MATERIALS SCIENCE Volume: 54 Issue: 2 Pages: 260–265 Published: NOV 2018 DOI: <a href="https://doi.org/10.1007/s11003-018-0181-4">https://doi.org/10.1007/s11003-018-0181-4</a>	–	0	0
<b>Загальна кількість цитувань</b>		–	148	192
<b>h-індекс робіт</b>		–	7	8

**Примітка:** співпадаючі зі співавторами циклу робіт посилання необхідно видалити!