

Vasyl P Mateichyk

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Information Model of V2I System of the Vehicle Technical Condition Remote Monitoring and Control in Operation Conditions. , 0, , .		41
2	The Evaluation of Vehicle Fuel Consumption and Harmful Emission Using the Heating System in a Driving Cycle. SAE International Journal of Fuels and Lubricants, 0, 10, 236-248.	0.2	33
3	Improving the Processes of Preheating and Heating after the Vehicular Engine Start by Using Heating System with Phase-Transitional Thermal Accumulator. , 0, , .		24
4	Reducing Harmful Emissions of the Vehicular Engine by Rapid After-Start Heating of the Catalytic Converter Using Thermal Accumulator. , 0, , .		24
5	Improving Engine Pre-Start And After-Start Heating by Using the Combined Heating System. , 0, , .		23
6	Improving Fuel Economy of Spark Ignition Engines Applying the Combined Method of Power Regulation. Energies, 2020, 13, 1076.	3.1	22
7	The peculiarities of monitoring road vehicle performance and environmental impact. MATEC Web of Conferences, 2018, 244, 03003.	0.2	21
8	The Complex Application of Monitoring and Express Diagnosing for Searching Failures on Common Rail System Units. , 2018, , .		17
9	The Impact of the Pandemic on Vehicle Traffic and Roadside Environmental Pollution: Rzeszow City as a Case Study. Energies, 2021, 14, 4299.	3.1	13
10	Improving the Process of Vehicle Units Diagnosis by Applying Harmonic Analysis to the Processing of Discrete Signals. , 0, , .		10
11	Application of artificial intelligence principles in mechanical engineering. MATEC Web of Conferences, 2018, 244, 01027.	0.2	9
12	Features of Modeling Thermal Development Processes of the Vehicle Engine Based on Phase-Transitional Thermal Accumulators. , 0, , .		8
13	Determination of the Model Basis for Assessing the Vehicle Energy Efficiency in Urban Traffic. Energies, 2021, 14, 8538.	3.1	8
14	Providing Reliability of Sliding Bearings for Gearwheels of High-Loaded Transport Vehicles Power Transmissions During Operation. , 2018, , .		7
15	Developing a Tool for Environmental Impact Assessment of Planned Activities and Transport Infrastructure Facilities. Transportation Research Procedia, 2021, 55, 1194-1201.	1.5	5
16	Improving the Processes of Thermal Preparation of an Automobile Engine with Petrol and Gas Supply Systems (Vehicle Engine with Petrol and LPG Supplying Systems). , 0, , .		4
17	Improving the Vehicular Engine Pre-Start and After-Start Heating by Using the Combined Heating System. , 0, , .		1
18	The Information and Analytical System for Monitoring Roadside Pollution by Traffic Flows. Lecture Notes in Intelligent Transportation and Infrastructure, 2020, , 352-359.	0.5	1

#	ARTICLE	IF	CITATIONS
19	The System for Adding Hydrogen-containing Gas to the Air Charge of the Spark Ignition Engine Using a Thermoelectric Generator. , 0, , .		1
20	TO THE JUSTIFICATION OF THE APPLICATION OF NOISE PROTECTION SCREENS WITH HIGH NOISE-ABSORBING PROPERTIES. Avtoshliakhovyk Ukrayiny, 2021, 1, 36-42.	0.0	0
21	Laser Interferometry to Investigate the Strain and Stress State of Details and Units of Heat Engines. SAE International Journal of Engines, 0, 15, .	0.4	0
22	SPECIAL FEATURES OF MODELING THE TRAFFIC NOISE POLLUTION OF A ROADSIDE ENVIRONMENT USING PLANT SIMULATION. The National Transport University Bulletin, 2019, 1, 91-99.	0.1	0
23	Ecological approach to evaluation of the effects of transport on environment in intermodal transportation. , 2019, , 259-271.		0
24	TO THE QUESTION REGARDING CERTIFICATION OF THE NOISE PROTECTION BUILDINGS. Avtoshliakhovyk Ukrayiny, 2020, 2, 2-7.	0.0	0
25	FORMATION OF THE INTEGRATION PLATFORM OF INFORMATION SUPPLY OF THE "WHEELED VEHICLES - INFRASTRUCTURE" SYSTEM. The National Transport University Bulletin, 2021, 1, 221-232.	0.1	0
26	Determination of Continuous Earthmoving Machinery Course Stability under the Conditions of Cyclic Lateral Loading. Applied Sciences (Switzerland), 2022, 12, 7029.	2.5	0