

Artur Jaworski

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

355
citations

933447

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all docs

28
docs citations

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times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of driving resistances on energy demand and exhaust emission in motor vehicles. <i>Silniki Spalinowe</i> , 2022, 189, 60-67.	0.7	4
2	Evaluation of the Effect of Chassis Dynamometer Load Setting on CO2 Emissions and Energy Demand of a Full Hybrid Vehicle. <i>Energies</i> , 2022, 15, 122.	3.1	10
3	Sustainable Public Transport Strategies – Decomposition of the Bus Fleet and Its Influence on the Decrease in Greenhouse Gas Emissions. <i>Energies</i> , 2022, 15, 2238.	3.1	13
4	The Development of CO2 Instantaneous Emission Model of Full Hybrid Vehicle with the Use of Machine Learning Techniques. <i>Energies</i> , 2022, 15, 142.	3.1	30
5	MODERN TECHNOLOGIES OF HYDROGEN GENERATION AND ACCUMULATION. ANALYTIC OVERVIEW OF THEORETICAL AND PRACTICAL EXPERIENCE. <i>POWER ENGINEERING Economics Technique Ecology</i> , 2022, , .	0.1	0
6	Evaluation of the potential of commercial use of microalgae in the world and in Ukraine. <i>Aircraft Engineering and Aerospace Technology</i> , 2021, 93, 429-436.	1.2	4
7	The Development of Strategies to Reduce Exhaust Emissions from Passenger Cars in Rzeszow City – Poland. A Preliminary Assessment of the Results Produced by the Increase of E-Fleet. <i>Energies</i> , 2021, 14, 1046.	3.1	32
8	Assessment of Petrol and Natural Gas Vehicle Carbon Oxides Emissions in the Laboratory and On-Road Tests. <i>Energies</i> , 2021, 14, 1631.	3.1	20
9	Lubricity of Ethanol – Diesel Fuel Blends – Study with the Four-Ball Machine Method. <i>Materials</i> , 2021, 14, 2492.	2.9	6
10	Assessing Vehicle Emissions from a Multi-Lane to Turbo Roundabout Conversion Using a Microsimulation Tool. <i>Energies</i> , 2021, 14, 4399.	3.1	23
11	Effect of temperature on tribological properties of 1-butanol – diesel fuel blends – Preliminary experimental study using the HFRR method. <i>Fuel</i> , 2021, 296, 120700.	6.4	12
12	CHARACTERISTICS OF SELECTED DRIVING CYCLES USED FOR EXHAUST EMISSIONS MEASUREMENT FROM PASSENGER CAR ENGINES. <i>The National Transport University Bulletin</i> , 2021, 1, 67-80.	0.1	0
13	Application of Variable Compression Ratio VCR Technology in Heavy-Duty Diesel Engine. , 2020, , .		0
14	The Impact of Exhaust Emission from Combustion Engines on the Environment: Modelling of Vehicle Movement at Roundabouts. <i>International Journal of Automotive and Mechanical Engineering</i> , 2020, 17, .	0.9	10
15	Comparative assessment of CO2 emissions and fuel consumption in a stationary test of the passenger car running on various fuels. <i>Science-based Technologies</i> , 2020, 47, .	0.1	2
16	Establishing the regularities of correlation between ambient temperature and fuel consumption by city diesel buses. <i>Eastern-European Journal of Enterprise Technologies</i> , 2020, 6, 23-32.	0.5	1
17	Creating an emission model based on portable emission measurement system for the purpose of a roundabout. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21641-21654.	5.3	37
18	Comparison of exhaust emission from Euro 3 and Euro 6 motor vehicles fueled with petrol and LPG based on real driving conditions. <i>Silniki Spalinowe</i> , 2019, 178, 106-111.	0.7	8

#	ARTICLE	IF	CITATIONS
19	Analysis of the repeatability of the exhaust pollutants emission research results for cold and hot starts under controlled driving cycle conditions. Environmental Science and Pollution Research, 2018, 25, 17862-17877.	5.3	27
20	Use of the constant volume combustion chamber to examine the properties of autoignition and derived cetane number of mixtures of diesel fuel and ethanol. Fuel, 2017, 200, 564-575.	6.4	41
21	Lubricity of ethanolâ€“diesel blends â€“ Study with the HFRR method. Fuel, 2017, 208, 491-498.	6.4	30
22	Emission of pollution from motor vehicles with respect to selected solutions of roundabout intersections. Silniki Spalinowe, 2017, 168, 140-144.	0.7	7
23	An assessment of consistence of exhaust gas emission test results obtained under controlled NEDC conditions. IOP Conference Series: Materials Science and Engineering, 2016, 148, 012059.	0.6	3
24	The Effect of Injection Timing on the Environmental Performances of the Engine Fueled by LPG in the Liquid Phase. , 0, , .		2
25	Assessment of the emission of harmful car exhaust components in real traffic conditions. IOP Conference Series: Materials Science and Engineering, 0, 421, 042031.	0.6	11
26	The Impact of Driving Resistances on the Emission of Exhaust Pollutants from Vehicles with the Spark Ignition Engine Fuelled with Petrol and LPG. , 0, , .		9
27	Analysis of Cold Start Emission from Light Duty Vehicles Fueled with Gasoline and LPG for Selected Ambient Temperatures. , 0, , .		13
28	Modeling of Unburned Hydrocarbon Emission in a Di Diesel Engine Using Neural Networks. , 0, , .		0