

Artur Jaworski

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

355
citations

933447

10
h-index

839539

18
g-index

28
all docs

28
docs citations

28
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of the constant volume combustion chamber to examine the properties of autoignition and derived cetane number of mixtures of diesel fuel and ethanol. <i>Fuel</i> , 2017, 200, 564-575.	6.4	41
2	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
3	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
4	Lubricity of ethanol—diesel blends—Study with the HFRR method. <i>Fuel</i> , 2017, 208, 491-498.	6.4	30
5	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
6	Analysis of the repeatability of the exhaust pollutants emission research results for cold and hot starts under controlled driving cycle conditions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17862-17877.	5.3	27
7	Assessing Vehicle Emissions from a Multi-Lane to Turbo Roundabout Conversion Using a Microsimulation Tool. <i>Energies</i> , 2021, 14, 4399.	3.1	23
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	Analysis of Cold Start Emission from Light Duty Vehicles Fueled with Gasoline and LPG for Selected Ambient Temperatures. , 0, , .		13
10	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
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	Assessment of the emission of harmful car exhaust components in real traffic conditions. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 421, 042031.	0.6	11
13	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
14	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
15	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
16	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
17	Emission of pollution from motor vehicles with respect to selected solutions of roundabout intersections. <i>Silniki Spalinowe</i> , 2017, 168, 140-144.	0.7	7
18	Lubricity of Ethanol—Diesel Fuel Blends—Study with the Four-Ball Machine Method. <i>Materials</i> , 2021, 14, 2492.	2.9	6

#	ARTICLE	IF	CITATIONS
19	Evaluation of the potential of commercial use of microalgae in the world and in Ukraine. Aircraft Engineering and Aerospace Technology, 2021, 93, 429-436.	1.2	4
20	Effect of driving resistances on energy demand and exhaust emission in motor vehicles. Silniki Spalinowe, 2022, 189, 60-67.	0.7	4
21	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
22	The Effect of Injection Timing on the Environmental Performances of the Engine Fueled by LPG in the Liquid Phase. , 0, , .		2
23	Comparative assessment of CO2 emissions and fuel consumption in a stationary test of the passenger car running on various fuels. Science-based Technologies, 2020, 47, .	0.1	2
24	Establishing the regularities of correlation between ambient temperature and fuel consumption by city diesel buses. Eastern-European Journal of Enterprise Technologies, 2020, 6, 23-32.	0.5	1
25	Application of Variable Compression Ratio VCR Technology in Heavy-Duty Diesel Engine. , 2020, , .		0
26	Modeling of Unburned Hydrocarbon Emission in a Di Diesel Engine Using Neural Networks. , 0, , .		0
27	CHARACTERISTICS OF SELECTED DRIVING CYCLES USED FOR EXHAUST EMISSIONS MEASUREMENT FROM PASSENGER CAR ENGINES. The National Transport University Bulletin, 2021, 1, 67-80.	0.1	0
28	MODERN TECHNOLOGIES OF HYDROGEN GENERATION AND ACCUMULATION. ANALYTIC OVERVIEW OF THEORETICAL AND PRACTICAL EXPERIENCE. POWER ENGINEERING Economics Technique Ecology, 2022, , .	0.1	0