

Florin E Mariasiu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

685
citations

1039406

9
h-index

794141

19
g-index

32
all docs

32
docs citations

32
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficiency of Governmental Policy and Programs to Stimulate the Use of Low-Emission and Electric Vehicles: The Case of Romania. Sustainability, 2022, 14, 45.	1.6	8
2	Review of thermoelectric generation for internal combustion engine waste heat recovery. Progress in Energy and Combustion Science, 2022, 91, 101009.	15.8	62
3	Simulink Model of a Thermoelectric Generator for Vehicle Waste Heat Recovery. Applied Sciences (Switzerland), 2021, 11, 1340.	1.3	15
4	Modeling Approach of an Air-Based Battery Thermal Management System for an Electric Vehicle. Applied Sciences (Switzerland), 2021, 11, 7089.	1.3	14
5	Battery Thermal Management Systems: Current Status and Design Approach of Cooling Technologies. Energies, 2021, 14, 4879.	1.6	50
6	Direct and Indirect Environmental Aspects of an Electric Bus Fleet Under Service. Energies, 2020, 13, 336.	1.6	18
7	Aerodynamic Study of an Electric Vehicle Prototype. , 2020, , 485-493.		1
8	Drag Coefficient Analysis for Side Mirrors of an Electric Vehicle Prototype. , 2020, , 494-501.		0
9	Numerical Analysis of Fuel Flow Patterns at the Nozzle Exit Considering Different Fuels and Operating Parameters of a Diesel Engine. Transactions of Famena, 2019, 42, 63-74.	0.3	0
10	Prediction of Electric Vehicle Range: A Comprehensive Review of Current Issues and Challenges. Energies, 2019, 12, 946.	1.6	107
11	Performance Analysis of Electric Vehicles Available in the Current Automotive Market. The Annals of "Dunarea De Jos" University of Galati Fascicle IX Metallurgy and Materials Science, 2019, 42, 25-30.	0.0	1
12	INDIRECT ENVIRONMENT-RELATED EFFECTS OF ELECTRIC CAR VEHICLES USE. Environmental Engineering and Management Journal, 2018, 17, 1591-1597.	0.2	6
13	Studies and research regarding optimal cargo load of a transport van using carmaker software. University of Pitești Scientific Bulletin - Automotive Series, 2018, 28, .	0.0	0
14	Influences of chemical characteristics and nanoadditive participation on raw vegetable oils' tribological properties. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 2713-2720.	0.8	7
15	Assessment of extracurricular activities' effects on automotive engineering education: A cross-national study. International Journal of Mechanical Engineering Education, 2017, 45, 120-141.	0.6	1
16	Design of Hybrid and Electric Drive Systems in the IPG TruckMaker Software Application. Green Energy and Technology, 2016, , 135-162.	0.4	2
17	Electric and Hybrid Buses for Urban Transport. Green Energy and Technology, 2016, , .	0.4	9
18	Electric vehicle battery technologies: From present state to future systems. Renewable and Sustainable Energy Reviews, 2015, 51, 1004-1012.	8.2	336

#	ARTICLE	IF	CITATIONS
19	Principles of Modeling and Simulation Processes. Green Energy and Technology, 2015, , 1-8.	0.4	1
20	Electric and Plug-In Hybrid Vehicles. Green Energy and Technology, 2015, , .	0.4	16
21	Effects of bioethanol ultrasonic generated aerosols application on diesel engine performances. Thermal Science, 2015, 19, 1931-1941.	0.5	16
22	Virtual Powertrain Design. Green Energy and Technology, 2015, , 203-221.	0.4	0
23	Classical Powertrain Configuration Model and Simulation. Green Energy and Technology, 2015, , 223-287.	0.4	0
24	Hybrid Powertrain Configuration Model and Simulation. Green Energy and Technology, 2015, , 289-385.	0.4	0
25	ATTEMPTS TO REDUCE BIODIESEL BLENDS NOX POLLUTANT EMISSIONS BY ULTRASONIC CONDITIONING. Transport, 2014, 29, 43-49.	0.6	1
26	Possibilities for reducing tractor engine friction losses at cold start using an ultrasonic irradiation technique. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2013, 37, 623-631.	0.8	7
27	Numerical Investigation of the Effects of Biofuel Characteristics on the Injector Nozzle Erosion Process. Tribology Transactions, 2013, 56, 161-168.	1.1	7
28	Benchmark tests for a Formula SAE Student car prototyping. Open Engineering, 2011, 1, .	0.7	0