

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	Electric vehicle battery technologies: From present state to future systems. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 1004-1012.	8.2	336
2	Prediction of Electric Vehicle Range: A Comprehensive Review of Current Issues and Challenges. <i>Energies</i> , 2019, 12, 946.	1.6	107
3	Review of thermoelectric generation for internal combustion engine waste heat recovery. <i>Progress in Energy and Combustion Science</i> , 2022, 91, 101009.	15.8	62
4	Battery Thermal Management Systems: Current Status and Design Approach of Cooling Technologies. <i>Energies</i> , 2021, 14, 4879.	1.6	50
5	Direct and Indirect Environmental Aspects of an Electric Bus Fleet Under Service. <i>Energies</i> , 2020, 13, 336.	1.6	18
6	Electric and Plug-In Hybrid Vehicles. <i>Green Energy and Technology</i> , 2015, , .	0.4	16
7	Effects of bioethanol ultrasonic generated aerosols application on diesel engine performances. <i>Thermal Science</i> , 2015, 19, 1931-1941.	0.5	16
8	Simulink Model of a Thermoelectric Generator for Vehicle Waste Heat Recovery. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1340.	1.3	15
9	Modeling Approach of an Air-Based Battery Thermal Management System for an Electric Vehicle. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7089.	1.3	14
10	Electric and Hybrid Buses for Urban Transport. <i>Green Energy and Technology</i> , 2016, , .	0.4	9
11	Efficiency of Governmental Policy and Programs to Stimulate the Use of Low-Emission and Electric Vehicles: The Case of Romania. <i>Sustainability</i> , 2022, 14, 45.	1.6	8
12	Possibilities for reducing tractor engine friction losses at cold start using an ultrasonic irradiation technique. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2013, 37, 623-631.	0.8	7
13	Numerical Investigation of the Effects of Biofuel Characteristics on the Injector Nozzle Erosion Process. <i>Tribology Transactions</i> , 2013, 56, 161-168.	1.1	7
14	Influences of chemical characteristics and nanoadditive participation on raw vegetable oils's tribological properties. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017, 39, 2713-2720.	0.8	7
15	INDIRECT ENVIRONMENT-RELATED EFFECTS OF ELECTRIC CAR VEHICLES USE. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 1591-1597.	0.2	6
16	Design of Hybrid and Electric Drive Systems in the IPG TruckMaker Software Application. <i>Green Energy and Technology</i> , 2016, , 135-162.	0.4	2
17	ATTEMPTS TO REDUCE BIODIESEL BLENDS NOX POLLUTANT EMISSIONS BY ULTRASONIC CONDITIONING. <i>Transport</i> , 2014, 29, 43-49.	0.6	1
18	Principles of Modeling and Simulation Processes. <i>Green Energy and Technology</i> , 2015, , 1-8.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Assessment of extracurricular activitiesâ€™ effects on automotive engineering education: A cross-national study. International Journal of Mechanical Engineering Education, 2017, 45, 120-141.	0.6	1
20	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
21	Aerodynamic Study of an Electric Vehicle Prototype. , 2020, , 485-493.		1
22	Benchmark tests for a Formula SAE Student car prototyping. Open Engineering, 2011, 1, .	0.7	0
23	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
24	Virtual Powertrain Design. Green Energy and Technology, 2015, , 203-221.	0.4	0
25	Classical Powertrain Configuration Model and Simulation. Green Energy and Technology, 2015, , 223-287.	0.4	0
26	Hybrid Powertrain Configuration Model and Simulation. Green Energy and Technology, 2015, , 289-385.	0.4	0
27	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
28	Drag Coefficient Analysis for Side Mirrors of an Electric Vehicle Prototype. , 2020, , 494-501.		0