

Francisco J MÃ¡rquez-FernÃ¡ndez

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

190
citations

1684188

5
h-index

1588992

8
g-index

20
all docs

20
docs citations

20
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Future EV Charging Infrastructure Scenarios for Long-Distance Transport in Sweden. IEEE Transactions on Transportation Electrification, 2022, 8, 615-626.	7.8	15
2	Electric Drivetrain Optimization for a Commercial Fleet with Different Degrees of Electrical Machine Commonality. Energies, 2021, 14, 2989.	3.1	5
3	Measuring electric properties of a conductive electric road. , 2021, , .		4
4	Automatic static charging of electric distribution vehicles using ERS technology. , 2020, , .		0
5	Optimization of Electric Powertrains Based on Scalable Cost and Performance Models. IEEE Transactions on Industry Applications, 2019, 55, 751-764.	4.9	21
6	Thermal Assessment of an ERS for Static Charging of Electric Vehicles. , 2019, , .		0
7	Electric Safety Challenges with a Conductive Electric Road System—Chassis Potential Modeling and Measurement. World Electric Vehicle Journal, 2019, 10, 30.	3.0	3
8	Impacts of vehicle fleet electrification in Sweden — a simulation-based assessment of long-distance trips. , 2019, , .		10
9	Using Multi-Agent Transport Simulations to Assess the Impact of EV Charging Infrastructure Deployment. , 2019, , .		14
10	Thermal Modeling and Analysis of an Alternating Short-Segmented Conductive ERS. IEEE Transactions on Transportation Electrification, 2019, 5, 1078-1086.	7.8	3
11	Experimental Validation of a Thermal Model for High-Speed Switched Reluctance Machines for Traction Applications. IEEE Transactions on Industry Applications, 2018, 54, 3235-3244.	4.9	12
12	Electric Roads: Analyzing the Societal Cost of Electrifying All Danish Road Transport. World Electric Vehicle Journal, 2018, 9, 9.	3.0	14
13	Dynamic Magnetic Model Identification of Permanent Magnet Synchronous Machines. IEEE Transactions on Energy Conversion, 2017, 32, 1367-1375.	5.2	10
14	Electric roads: Reducing the societal cost of automotive electrification. , 2017, , .		16
15	Dynamic charging solutions in Sweden: An overview. , 2017, , .		17
16	Electric roads: The importance of sharing the infrastructure among different vehicle types. , 2017, , .		9
17	Heat transfer analysis of a traction machine with directly cooled laminated windings. , 2014, , .		17
18	Dynamic thermal modeling and application of electrical machine in hybrid drives. , 2014, , .		14

#	ARTICLE	IF	CITATIONS
19	Dynamic testing characterization of a HEV traction motor. , 2014, , .		4
20	Redesign of an Electrical Rear Wheel Drive (E-RWD) for a hybrid vehicle in a given drive cycle. , 2012, , .		2