

Juan de Santiago

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

673
citations

1163117

8
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical Motor Drivelines in Commercial All-Electric Vehicles: A Review. IEEE Transactions on Vehicular Technology, 2012, 61, 475-484.	6.3	482
2	Flywheel Energy Storage for Automotive Applications. Energies, 2015, 8, 10636-10663.	3.1	85
3	The generation of domestic hot water load profiles in Swiss residential buildings through statistical predictions. Energy and Buildings, 2017, 141, 341-348.	6.7	30
4	Wave Power Output Smoothing through the Use of a High-Speed Kinetic Buffer. Energies, 2019, 12, 2196.	3.1	17
5	Regenerative Braking for Energy Recovering in Diesel-Electric Freight Trains: A Technical and Economic Evaluation. Energies, 2020, 13, 963.	3.1	14
6	On the Efficiency of a Two-Power-Level Flywheel-Based All-Electric Driveline. Energies, 2012, 5, 2794-2817.	3.1	13
7	Stochastic control of cooling appliances under disturbances for primary frequency reserves. Sustainable Energy, Grids and Networks, 2016, 7, 70-79.	3.9	11
8	Designing, simulations and experiments of a passive permanent magnet bearing. International Journal of Applied Electromagnetics and Mechanics, 2016, 51, 131-149.	0.6	8
9	Prototype of electric driveline with magnetically levitated double wound motor. , 2010, , .		6
10	Reluctance Machine for a Hollow Cylinder Flywheel. Energies, 2017, 10, 316.	3.1	4
11	Calculation of Tooth Ripple Losses in Solid Poles. Electric Power Components and Systems, 2015, 43, 245-251.	1.8	3
12	Harmonic Mitigation in a Coreless Double-Wound Flywheel Machine: Experimental Verification. International Journal of Emerging Electric Power Systems, 2015, 16, 243-251.	0.8	0
13	Development of an axial flux machine and control: Simulation and experimental set up. , 2016, , .		0