

Marcos

List of Publications by Year in descending order

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26
papers

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citations

1039406

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all docs

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26
times ranked

269
citing authors

#	ARTICLE	IF	CITATIONS
1	Present and Future of Supercapacitor Technology Applied to Powertrains, Renewable Generation and Grid Connection Applications. <i>Energies</i> , 2021, 14, 3060.	1.6	47
2	Fast Energy Storage Systems Comparison in Terms of Energy Efficiency for a Specific Application. <i>IEEE Access</i> , 2018, 6, 40656-40672.	2.6	24
3	Design Parameters Analysis of Point Absorber WEC via an evolutionary-algorithm-based Dimensioning Tool. <i>Energies</i> , 2015, 8, 11203-11233.	1.6	21
4	Flywheels Store to Save: Improving railway efficiency with energy storage. <i>IEEE Electrification Magazine</i> , 2013, 1, 13-20.	1.8	19
5	Dimensioning of Point Absorbers for Wave Energy Conversion by Means of Differential Evolutionary Algorithms. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 1076-1085.	5.9	18
6	Approach to Hybrid Energy Storage Systems Dimensioning for Urban Electric Buses Regarding Efficiency and Battery Aging. <i>Energies</i> , 2017, 10, 1708.	1.6	16
7	Evaluation of the Magnetic Field Generated by the Inverter of an Electric Vehicle. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 837-844.	1.2	14
8	Passenger Exposure to Magnetic Fields due to the Batteries of an Electric Vehicle. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 4564-4571.	3.9	11
9	Wave farms grid code compliance in isolated small power systems. <i>IET Renewable Power Generation</i> , 2019, 13, 171-179.	1.7	11
10	Educational Project for the Teaching of Control of Electric Traction Drives. <i>Energies</i> , 2015, 8, 921-938.	1.6	10
11	Switched Reluctance Drives with Degraded Mode for Electric Vehicles. , 0, , .		10
12	Dimensioning methodology for energy storage devices and wave energy converters supplying isolated loads. <i>IET Renewable Power Generation</i> , 2016, 10, 1468-1476.	1.7	10
13	New Type of Linear Switched Reluctance Generator for Wave Energy Applications. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, , 1-1.	1.1	8
14	Dimensioning Methodology of Energy Storage Systems for Power Smoothing in a Wave Energy Conversion Plant Considering Efficiency Maps and Filtering Control Techniques. <i>Energies</i> , 2020, 13, 3380.	1.6	7
15	Dimensioning Methodology of an Energy Storage System Based on Supercapacitors for Grid Code Compliance of a Wave Power Plant. <i>Energies</i> , 2021, 14, 985.	1.6	7
16	Asymmetrical Rotor Skewing Optimization in Switched Reluctance Machines Using Differential Evolutionary Algorithm. <i>Energies</i> , 2021, 14, 3194.	1.6	7
17	Wave energy converter dimensioning constrained by location, power take-off and control strategy. , 2012, , .		4
18	Battery Energy Storage System Dimensioning for Reducing the Fixed Term of the Electricity Access Rate in Industrial Consumptions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7395.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Recent Advances in Direct-Drive Power Take-Off (DDPTO) Systems for Wave Energy Converters Based on Switched Reluctance Machines (SRM). <i>Ocean Engineering & Oceanography</i> , 2022, , 487-532.	0.1	4
20	Optimized power electronics interface for battery starting of PMAC machines in integrated starter-generator applications. , 2007, , .		1
21	Metaheuristic optimisation approach for wave energy converter design by means of a stochastic hydrodynamic model. <i>IET Renewable Power Generation</i> , 2021, 15, 548-561.	1.7	1
22	Grid Integration of Wave Energy Devices. <i>Ocean Engineering & Oceanography</i> , 2022, , 533-578.	0.1	1
23	Energy Storage Systems for Power Supply of Ultrahigh Speed Hyperloop Trains. <i>Communications in Computer and Information Science</i> , 2020, , 244-255.	0.4	1
24	Laboratory tests before sea trials of a wave energy converter. , 2015, , .		0
25	Minimum losses point tracking and minimum current point tracking in interior PMSMs. , 2016, , .		0
26	Design and Testing of a Modular Back-to-Back Power Electronics Converter for Wave Energy Harvesting. , 2021, , .		0