

Miguel Santos-HerrÃ¡n

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4951638/publications.pdf>

Version: 2024-02-01

13
papers

149
citations

1477746

6
h-index

1199166

12
g-index

13
all docs

13
docs citations

13
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Grid Integration of Wave Energy Devices. <i>Ocean Engineering & Oceanography</i> , 2022, , 533-578.	0.1	1
2	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
3	Concept Design of a Novel Superconducting PTO Actuator for Wave Energy Extraction. <i>IEEE Transactions on Applied Superconductivity</i> , 2022, 32, 1-5.	1.1	3
4	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
5	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
6	Asymmetrical Rotor Skewing Optimization in Switched Reluctance Machines Using Differential Evolutionary Algorithm. <i>Energies</i> , 2021, 14, 3194.	1.6	7
7	Present and Future of Supercapacitor Technology Applied to Powertrains, Renewable Generation and Grid Connection Applications. <i>Energies</i> , 2021, 14, 3060.	1.6	47
8	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
9	Advances in the development of dielectric elastomer generators for wave energy conversion. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 117, 109430.	8.2	38
10	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
11	Power Supply Solution for Ultrahigh Speed Hyperloop Trains. <i>Smart Cities</i> , 2020, 3, 642-656.	5.5	12
12	Development and Experimental Validation of a Supercapacitor Frequency Domain Model for Industrial Energy Applications Considering Dynamic Behaviour at High Frequencies. <i>Energies</i> , 2020, 13, 1156.	1.6	17
13	Design and Control of a Modular Power Electronic Back-to-Back Converter for Wave Energy Harvesting Applications. , 2020, , .		1