

Jesús Muñoz-Cruzado-Alba

List of Publications by Year in descending order

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16
papers

1,013
citations

1162889

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1125617

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16
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16
docs citations

16
times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Fast Peak Current Controller for Transient Voltage Faults for Power Converters. Energies, 2016, 9, 1.	1.6	775
2	A New Approach to Pruning Volterra Models for Power Amplifiers. IEEE Transactions on Signal Processing, 2010, 58, 2113-2120.	3.2	71
3	Role of Wide Bandgap Materials in Power Electronics for Smart Grids Applications. Electronics (Switzerland), 2021, 10, 677.	1.8	54
4	New Low-Distortion Q Droop Plus Correlation Anti-Islanding Detection Method for Power Converters in Distributed Generation Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 5072-5081.	5.2	24
5	A Review of PHIL Testing for Smart Grids Selection Guide, Classification and Online Database Analysis. Electronics (Switzerland), 2020, 9, 382.	1.8	18
6	Novel Utility-Scale Photovoltaic Plant Electroluminescence Maintenance Technique by Means of Bidirectional Power Inverter Controller. Applied Sciences (Switzerland), 2020, 10, 3084.	1.3	16
7	Infrared Thermography for the Detection and Characterization of Photovoltaic Defects: Comparison between Illumination and Dark Conditions. Sensors, 2020, 20, 4395.	2.1	15
8	Power Production Losses Study by Frequency Regulation in Weak-Grid-Connected Utility-Scale Photovoltaic Plants. Energies, 2016, 9, 317.	1.6	11
9	Design and Experimental Validation of Power Electric Vehicle Emulator for Testing Electric Vehicle Supply Equipment (EVSE) with Vehicle-to-Grid (V2G) Capability. Applied Sciences (Switzerland), 2021, 11, 11496.	1.3	9
10	Optimal D-STATCOM Placement Tool for Low Voltage Grids. Energies, 2021, 14, 4212.	1.6	5
11	Online database of Power Hardware In-the-Loop tests. Data in Brief, 2020, 29, 105128.	0.5	4
12	Power Grid Integration and Use-Case Study of Acid-Base Flow Battery Technology. Sustainability, 2021, 13, 6089.	1.6	4
13	Four-Legs D-STATCOM for Current Balancing in Low-Voltage Distribution Grids. IEEE Access, 2022, 10, 779-788.	2.6	4
14	Performance of nonlinear behavioral models with OFDM signals. , 2008, , .		2
15	Analysis of a switched and linear power amplifier for Power Hardware-in-the-Loop testing of Smartgrid systems. , 2019, , .		1
16	A new fast peak current controller for transient voltage faults for power converters. , 2015, , .		0