Antonio Parejo

List of Publications by Year
in descending order

21 papers	**153** citations	1478505 **6** h-index	1199594 **12** g-index
22 all docs	**22** docs citations	**22** times ranked	**184** citing authors

#	Article	IF	Citations
1	Energy homeostasis management strategy for building rooftop nanogrids, considering the thermal model and a HVAC unit installed. Procedia Computer Science, 2022, 199, 10-17.	2.0	1
2	Grid-tied distributed generation with energy storage to advance renewables in the residential sector: tariffs analysis with energy sharing innovations. , 2021, , 231-252.		1
3	Integrating green energy into the grid: how to engineer energy homeostaticity, flexibility and resiliency in electric power distribution systems and why should electric utilities care. , 2021, , 253-266.		2
4	OpenADR and Agreement Audit Architecture for a Complete Cycle of a Flexibility Solution. Sensors, 2021, 21, 1204.	3.8	1
5	A retrospective analysis of the impact of the COVID-19 restrictions on energy consumption at a disaggregated level. Applied Energy, 2021, 287, 116547.	10.1	51
6	Short-Term Power Forecasting Framework for Microgrids Using Combined Baseline and Regression Models. Applied Sciences (Switzerland), 2021, 11, 6420.	2.5	1
7	Living-Lab for Smart Grid technologies teaching. , 2020, , .		0
8	Flexibility Services Based on OpenADR Protocol for DSO Level. Sensors, 2020, 20, 6266.	3.8	3
9	Training Equipment for Automatic Control Systems and Industrial Automation subjects in Engineering Degrees. , 2020, , .		1
10	Evaluating Distribution System Operators: Automated Demand Response and Distributed Energy Resources in the Flexibility4Chile Project. IEEE Power and Energy Magazine, 2020, 18, 64-75.	1.6	5
11	Operational Simulation Environment for SCADA Integration of Renewable Resources. Energies, 2020, 13, 1333.	3.1	4
12	Grid-Tied Distributed Generation Systems to Sustain the Smart Grid Transformation: Tariff Analysis and Generation Sharing. Energies, 2020, 13, 1187.	3.1	9
13	Recharging prioritization method for the integration of electric vehicle fleets with the Smart Grid: an evolutionary computation approach. , 2020, , .		0
14	Distributed Charging Prioritization Methodology Based on Evolutionary Computation and Virtual Power Plants to Integrate Electric Vehicle Fleets on Smart Grids. Energies, 2019, 12, 2402.	3.1	12
15	Monitoring and Fault Location Sensor Network for Underground Distribution Lines. Sensors, 2019, 19, 576.	3.8	11
16	Design and Simulation of an Energy Homeostaticity System for Electric and Thermal Power Management in a Building with Smart Microgrid. Energies, 2019, 12, 1806.	3.1	13
17	Forecasting Recharging Demand to Integrate Electric Vehicle Fleets in Smart Grids. , 2019, , .		1
18	Grid-tied distributed generation with energy storage to advance renewables in the residential sector: tariff analysis with energy sharing innovations; Part I.. Procedia Computer Science, 2019, 162, 111-118.	2.0	4

#	Article	IF	Citations
19	Homeostaticity of energy systems: How to engineer grid flexibility and why should electric utilities care. Periodicals of Engineering and Natural Sciences, 2019, 7, 474.	0.5	5
20	A Comparison of Impedance-Based Fault Location Methods for Power Underground Distribution Systems. Energies, 2016, 9, 1022.	3.1	26
21	Increasing the Efficiency of Rule-Based Expert Systems Applied on Heterogeneous Data Sources. , 0, , .		1