

Enrique Personal

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

272
citations

1040056

9
h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Key performance indicators: A useful tool to assess Smart Grid goals. Energy, 2014, 76, 976-988.	8.8	53
2	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
3	A Comparison of Impedance-Based Fault Location Methods for Power Underground Distribution Systems. Energies, 2016, 9, 1022.	3.1	26
4	Heterogeneous data source integration for smart grid ecosystems based on metadata mining. Expert Systems With Applications, 2017, 79, 254-268.	7.6	25
5	Random Generation of Arbitrary Waveforms for Emulating Three-Phase Systems. IEEE Transactions on Industrial Electronics, 2012, 59, 4032-4040.	7.9	20
6	Evaluation of MPEG-7-Based Audio Descriptors for Animal Voice Recognition over Wireless Acoustic Sensor Networks. Sensors, 2016, 16, 717.	3.8	19
7	Heterogeneous LoRa-Based Wireless Multimedia Sensor Network Multiprocessor Platform for Environmental Monitoring. Sensors, 2019, 19, 3446.	3.8	14
8	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
9	Monitoring and Fault Location Sensor Network for Underground Distribution Lines. Sensors, 2019, 19, 576.	3.8	11
10	Implementing a Distributed WSN Based on IPv6 for Ambient Monitoring. International Journal of Distributed Sensor Networks, 2013, 9, 328747.	2.2	6
11	Industrial Fieldbus Improvements in Power Distribution and Conducted Noise Immunity With No Extra Costs. IEEE Transactions on Industrial Electronics, 2011, 58, 2653-2661.	7.9	5
12	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
13	Monthly Electricity Demand Patterns and Their Relationship With the Economic Sector and Geographic Location. IEEE Access, 2021, 9, 86254-86267.	4.2	5
14	Evaluation of the Processing Times in Anuran Sound Classification. Wireless Communications and Mobile Computing, 2017, 2017, 1-15.	1.2	4
15	Operational Simulation Environment for SCADA Integration of Renewable Resources. Energies, 2020, 13, 1333.	3.1	4
16	Decision Support System to Classify and Optimize the Energy Efficiency in Smart Buildings: A Data Analytics Approach. Sensors, 2022, 22, 1380.	3.8	4
17	Flexibility Services Based on OpenADR Protocol for DSO Level. Sensors, 2020, 20, 6266.	3.8	3
18	Challenges for citizens in energy management system of smart cities. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Increasing the Efficiency of Rule-Based Expert Systems Applied on Heterogeneous Data Sources. , 0, , .		1
20	OpenADR and Agreement Audit Architecture for a Complete Cycle of a Flexibility Solution. Sensors, 2021, 21, 1204.	3.8	1
21	Short-Term Power Forecasting Framework for Microgrids Using Combined Baseline and Regression Models. Applied Sciences (Switzerland), 2021, 11, 6420.	2.5	1
22	Estimation of the line-to-line voltage phases in MV distribution faults using transformer inrush currents. , 2010, , .		0
23	On the performance of a GPU-based SoC in a distributed spatial audio system. Journal of Supercomputing, 2021, 77, 6920-6935.	3.6	0
24	Recharging prioritization method for the integration of electric vehicle fleets with the Smart Grid: an evolutionary computation approach. , 2020, , .		0