

Enrique Personal

List of Publications by Year in descending order

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24
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397
citing authors

#	ARTICLE	IF	CITATIONS
1	Decision Support System to Classify and Optimize the Energy Efficiency in Smart Buildings: A Data Analytics Approach. Sensors, 2022, 22, 1380.	3.8	4
2	Monthly Electricity Demand Patterns and Their Relationship With the Economic Sector and Geographic Location. IEEE Access, 2021, 9, 86254-86267.	4.2	5
3	OpenADR and Agreement Audit Architecture for a Complete Cycle of a Flexibility Solution. Sensors, 2021, 21, 1204.	3.8	1
4	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
5	Short-Term Power Forecasting Framework for Microgrids Using Combined Baseline and Regression Models. Applied Sciences (Switzerland), 2021, 11, 6420.	2.5	1
6	On the performance of a GPU-based SoC in a distributed spatial audio system. Journal of Supercomputing, 2021, 77, 6920-6935.	3.6	0
7	Flexibility Services Based on OpenADR Protocol for DSO Level. Sensors, 2020, 20, 6266.	3.8	3
8	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
9	Operational Simulation Environment for SCADA Integration of Renewable Resources. Energies, 2020, 13, 1333.	3.1	4
10	Recharging prioritization method for the integration of electric vehicle fleets with the Smart Grid: an evolutionary computation approach. , 2020, , .		0
11	Heterogeneous LoRa-Based Wireless Multimedia Sensor Network Multiprocessor Platform for Environmental Monitoring. Sensors, 2019, 19, 3446.	3.8	14
12	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
13	Monitoring and Fault Location Sensor Network for Underground Distribution Lines. Sensors, 2019, 19, 576.	3.8	11
14	Heterogeneous data source integration for smart grid ecosystems based on metadata mining. Expert Systems With Applications, 2017, 79, 254-268.	7.6	25
15	Challenges for citizens in energy management system of smart cities. , 2017, , .		2
16	Evaluation of the Processing Times in Anuran Sound Classification. Wireless Communications and Mobile Computing, 2017, 2017, 1-15.	1.2	4
17	Evaluation of MPEG-7-Based Audio Descriptors for Animal Voice Recognition over Wireless Acoustic Sensor Networks. Sensors, 2016, 16, 717.	3.8	19
18	A Comparison of Impedance-Based Fault Location Methods for Power Underground Distribution Systems. Energies, 2016, 9, 1022.	3.1	26

#	ARTICLE	IF	CITATIONS
19	Key performance indicators: A useful tool to assess Smart Grid goals. Energy, 2014, 76, 976-988.	8.8	53
20	Implementing a Distributed WSN Based on IPv6 for Ambient Monitoring. International Journal of Distributed Sensor Networks, 2013, 9, 328747.	2.2	6
21	Random Generation of Arbitrary Waveforms for Emulating Three-Phase Systems. IEEE Transactions on Industrial Electronics, 2012, 59, 4032-4040.	7.9	20
22	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
23	Estimation of the line-to-line voltage phases in MV distribution faults using transformer inrush currents. , 2010, , .		0
24	Increasing the Efficiency of Rule-Based Expert Systems Applied on Heterogeneous Data Sources. , 0, , .		1