

Mohamed El Hariri

List of Publications by Year in descending order

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27
papers

330
citations

1163117

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docs citations

27
times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing supercapacitors for resiliency enhancements and adaptive microgrid protection against communication failures. <i>Electric Power Systems Research</i> , 2017, 145, 223-233.	3.6	66
2	Impact of Information and Communication Technology Limitations on Microgrid Operation. <i>Energies</i> , 2019, 12, 2926.	3.1	34
3	Coordination of Hybrid Energy Storage for Ship Power Systems With Pulsed Loads. <i>IEEE Transactions on Industry Applications</i> , 2020, 56, 1136-1145.	4.9	34
4	A DDS-Based Energy Management Framework for Small Microgrid Operation and Control. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 958-968.	11.3	29
5	On the Implementation of the IEC 61850 Standard: Will Different Manufacturer Devices Behave Similarly under Identical Conditions?. <i>Electronics (Switzerland)</i> , 2016, 5, 85.	3.1	23
6	IEC 61850: Technology standards and cyber-threats. , 2016, , .		23
7	The IEC 61850 Sampled Measured Values Protocol: Analysis, Threat Identification, and Feasibility of Using NN Forecasters to Detect Spoofed Packets. <i>Energies</i> , 2019, 12, 3731.	3.1	21
8	Utilization of Supercapacitors in Protection Schemes for Resiliency Against Communication Outages: A Case Study on Size and Cost Optimization. <i>IEEE Transactions on Industry Applications</i> , 2018, 54, 3153-3164.	4.9	18
9	A Bilateral Decision Support Platform for Public Charging of Connected Electric Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 129-140.	6.3	18
10	Utilization of supercapacitors in adaptive protection applications for resiliency against communication failures: A size and cost optimization case study. , 2017, , .		10
11	Online false data detection and lost packet forecasting system using time series neural networks for IEC 61850 sampled measured values. , 2017, , .		9
12	A Framework for Analyzing and Testing Cyber-Physical Interactions for Smart Grid Applications. <i>Electronics (Switzerland)</i> , 2019, 8, 1455.	3.1	6
13	A Decentralized Multi-Agent System for Management of En Route Electric Vehicles. , 2018, , .		5
14	Physical-Model-Checking to Detect Switching-Related Attacks in Power Systems. <i>Sensors</i> , 2018, 18, 2478.	3.8	5
15	Intelligent Control Framework for Energy Storage Management on MVDC Ship Power System. , 2018, , .		5
16	Moving Target Defense for Cyber-Physical Systems Using IoT-Enabled Data Replication. <i>IEEE Internet of Things Journal</i> , 2022, 9, 13223-13232.	8.7	5
17	An Iterative Design Approach for Shielding of WPT Systems in Electric Vehicle Charging Applications. , 2016, , .		4
18	An artificially intelligent physical model-checking approach to detect switching-related attacks on power systems. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
19	The IEC 61850 Sampled Measured Values Protocol: Analysis, Threat Identification, and Feasibility of Using NN Forecasters to Detect of Spoofed Packets. , 2019, , .		3
20	Asynchronous Distributed IoT-Enabled Customer Characterization in Distribution Networks: Theory and Hardware Implementation. IEEE Transactions on Smart Grid, 2022, 13, 4392-4404.	9.0	3
21	Environment-motivated real-time bandwidth allocation for collaborative robots teleoperation. , 2016, , .		2
22	Dynamic Optimized Bandwidth Management for Teleoperation of Collaborative Robots. , 2016, , .		1
23	Intelligent Power Management for the Hybrid Energy Storage of the Ship Power System. , 2019, , .		1
24	Denial of Service Attacks on Centralized Controlled DC Microgrids: Vulnerability Assessment and Recommendations. IFAC-PapersOnLine, 2020, 53, 12974-12979.	0.9	1
25	Co-Simulation of Improved AIMD Algorithm for Decentralized Charging of Electric Vehicles. , 2019, , .		0
26	Implementation of IEEE Standard 1547-2018 for DER Communication Interface using Data Distribution Service. , 2020, , .		0
27	Sequence Hopping Algorithm for Securing IEC 61850 GOOSE Messages. , 2022, , .		0