

Mohamed El Hariri

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

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docs citations

27
times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	Moving Target Defense for Cyber-Physical Systems Using IoT-Enabled Data Replication. IEEE Internet of Things Journal, 2022, 9, 13223-13232.	8.7	5
2	Sequence Hopping Algorithm for Securing IEC 61850 GOOSE Messages. , 2022, , .		0
3	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
4	Coordination of Hybrid Energy Storage for Ship Power Systems With Pulsed Loads. IEEE Transactions on Industry Applications, 2020, 56, 1136-1145.	4.9	34
5	Denial of Service Attacks on Centralized Controlled DC Microgrids: Vulnerability Assessment and Recommendations. IFAC-PapersOnLine, 2020, 53, 12974-12979.	0.9	1
6	Implementation of IEEE Standard 1547-2018 for DER Communication Interface using Data Distribution Service. , 2020, , .		0
7	Co-Simulation of Improved AIMD Algorithm for Decentralized Charging of Electric Vehicles. , 2019, , .		0
8	The IEC 61850 Sampled Measured Values Protocol: Analysis, Threat Identification, and Feasibility of Using NN Forecasters to Detect Spoofed Packets. Energies, 2019, 12, 3731.	3.1	21
9	The IEC 61850 Sampled Measured Values Protocol: Analysis, Threat Identification, and Feasibility of Using NN Forecasters to Detect of Spoofed Packets. , 2019, , .		3
10	Impact of Information and Communication Technology Limitations on Microgrid Operation. Energies, 2019, 12, 2926.	3.1	34
11	A Framework for Analyzing and Testing Cyber-Physical Interactions for Smart Grid Applications. Electronics (Switzerland), 2019, 8, 1455.	3.1	6
12	Intelligent Power Management for the Hybrid Energy Storage of the Ship Power System. , 2019, , .		1
13	A Bilateral Decision Support Platform for Public Charging of Connected Electric Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 129-140.	6.3	18
14	Utilization of Supercapacitors in Protection Schemes for Resiliency Against Communication Outages: A Case Study on Size and Cost Optimization. IEEE Transactions on Industry Applications, 2018, 54, 3153-3164.	4.9	18
15	A DDS-Based Energy Management Framework for Small Microgrid Operation and Control. IEEE Transactions on Industrial Informatics, 2018, 14, 958-968.	11.3	29
16	A Decentralized Multi-Agent System for Management of En Route Electric Vehicles. , 2018, , .		5
17	Physical-Model-Checking to Detect Switching-Related Attacks in Power Systems. Sensors, 2018, 18, 2478.	3.8	5
18	Intelligent Control Framework for Energy Storage Management on MVDC Ship Power System. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
19	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
20	An artificially intelligent physical model-checking approach to detect switching-related attacks on power systems. , 2017, , .		4
21	Online false data detection and lost packet forecasting system using time series neural networks for IEC 61850 sampled measured values. , 2017, , .		9
22	Utilization of supercapacitors in adaptive protection applications for resiliency against communication failures: A size and cost optimization case study. , 2017, , .		10
23	Dynamic Optimized Bandwidth Management for Teleoperation of Collaborative Robots. , 2016, , .		1
24	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
25	An Iterative Design Approach for Shielding of WPT Systems in Electric Vehicle Charging Applications. , 2016, , .		4
26	IEC 61850: Technology standards and cyber-threats. , 2016, , .		23
27	Environment-motivated real-time bandwidth allocation for collaborative robots teleoperation. , 2016, , .		2