

Farzad Ferdowsi

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

245
citations

1478505

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1372567

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27
all docs

27
docs citations

27
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	A data-driven real-time stability metric for SST-based microgrids. International Journal of Electrical Power and Energy Systems, 2022, 134, 107397.	5.5	1
2	Vulnerability Identification and Remediation of FDI Attacks in Islanded DC Microgrids Using Multiagent Reinforcement Learning. IEEE Transactions on Power Electronics, 2022, 37, 6359-6370.	7.9	21
3	Cyber-Resilient Sliding-Mode Consensus Secondary Control Scheme for Islanded AC Microgrids. IEEE Transactions on Power Electronics, 2022, 37, 6074-6089.	7.9	13
4	Performance Evaluation of 1.1 MW Grid-Connected Solar Photovoltaic Power Plant in Louisiana. Energies, 2022, 15, 3420.	3.1	6
5	Machine Learning-Aided Anomaly Detection for Secure Smartification of Solar Inverters. , 2022, , .		3
6	Measurable Challenges in Smart Grid Cybersecurity Enhancement: A Brief Review. , 2021, , .		3
7	Sliding Mode Control Enabled Hybrid Energy Storage System for Islanded DC Microgrids with Pulsing Loads. Sustainable Cities and Society, 2021, 73, 103117.	10.4	38
8	A Novel Control Scheme for TransZSI-DVR to Enhance Power Quality in Solar Integrated Networks. , 2021, , .		5
9	Comparative Analysis of Volt-Var Control Parameter Settings of Smart PV Inverters: A Case Study. , 2021, , .		4
10	A Machine Learning-Enabled Clustering Approach for Large-scale Classification of Solar Data. , 2021, , .		3
11	A Novel Two-Stage Multi-Layer Constrained Spectral Clustering Strategy for Intentional Islanding of Power Grids. IEEE Transactions on Power Delivery, 2020, 35, 560-570.	4.3	36
12	Real Time Analysis of a Multi-Agent Based Distributed Control Strategy for Islanded AC Microgrids. , 2020, , .		8
13	Classification of Emergent Dynamics in Microgrids Utilizing an Entropic Complexity-Based Feature Extractor. Data-Enabled Discovery and Applications, 2020, 4, 1.	1.2	1
14	Identification of Small-Signal Dynamic Faults in Distribution Systems Utilizing Intelligent Classifiers. , 2020, , .		5
15	Assessing distribution network sensitivity to voltage rise and flicker under high penetration of behind-the-meter solar. Renewable Energy, 2020, 152, 1227-1240.	8.9	16
16	Optimal Scheduling of Reconfigurable Hybrid AC/DC Microgrid Under DLR Security Constraint. , 2019, , .		6
17	Integration of Behind-the-Meter Solar into Distribution Feeders: The Importance of Time Resolution on Model Results. , 2019, , .		2
18	Real-time Resiliency Assessment of Control Systems in Microgrids Using the Complexity Metric. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Ensemble Kalman Filter based Dynamic State Estimation of PMSG-based Wind Turbine. , 2019, , .		9
20	Dynamic Behavioral Observation in Power Systems Utilizing Real-Time Complexity Computation. IEEE Transactions on Smart Grid, 2018, 9, 6008-6017.	9.0	5
21	A New Efficient Stochastic Energy Management Technique for Interconnected AC Microgrids. , 2018, , .		19
22	Improving DC Circuit Breaker Performance Through an Alternate Commutating Circuit. , 2018, , .		4
23	High impedance fault detection utilizing real-time complexity measurement. , 2017, , .		6
24	Real-time stability assessment utilizing non-linear time series analysis. , 2015, , .		5
25	A combinative method to control output power fluctuations of large grid-connected photovoltaic systems. , 2014, , .		6
26	Declining power fluctuation velocity in large PV systems by optimal battery selection. , 2012, , .		10
27	A new gumption approach for economic dispatch problem with losses effect based on valve-point active power. Electric Power Systems Research, 2012, 92, 81-86.	3.6	9