

Imtiaz Parvez

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,013
citations

1307594

7
h-index

1372567

10
g-index

29
all docs

29
docs citations

29
times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on Smart Grid Data Security. , 2022, , .		4
2	Latency Critical Data Processing in Cloud for Smart Grid Applications. Advances in Intelligent Systems and Computing, 2021, , 663-676.	0.6	2
3	A Novel Algorithm for Concurrent Charge & Discharge of a Non-Monolithic Battery Energy Storage System. , 2021, , .		0
4	Voltage Regulation of Photovoltaic System with varying Loads. , 2021, , .		0
5	A Binary Search Algorithm based Optimal Sizing of Photovoltaic and Energy Storage Systems. , 2021, , .		2
6	Detection of False Data Injection of PV Production. , 2021, , .		9
7	A Survey of Machine Learning-based Cyber-physical Attack Generation, Detection, and Mitigation in Smart-Grid. , 2021, , .		6
8	A Survey on Cybersecurity Challenges, Detection, and Mitigation Techniques for the Smart Grid. Energies, 2021, 14, 5894.	3.1	52
9	Particle Swarm Optimization-based PID Controller Design for DC-DC Buck Converter. , 2021, , .		9
10	A Novel Module Independent Straight Line-Based Fast Maximum Power Point Tracking Algorithm for Photovoltaic Systems. Energies, 2020, 13, 3233.	3.1	12
11	A ZigBee Based Architecture for Public Safety Communication in Hurricane Scenario. Advances in Intelligent Systems and Computing, 2020, , 493-510.	0.6	1
12	Online power quality disturbance detection by support vector machine in smart meter. Journal of Modern Power Systems and Clean Energy, 2019, 7, 1328-1339.	5.4	41
13	A Spectrum Sharing based Metering Infrastructure for Smart Grid Utilizing LTE and WiFi. Advances in Science, Technology and Engineering Systems, 2019, 4, 70-77.	0.5	8
14	Toward a Smart City of Interdependent Critical Infrastructure Networks. Studies in Systems, Decision and Control, 2018, , 21-45.	1.0	15
15	LTE and Wi-Fi Coexistence in Unlicensed Spectrum with Application to Smart Grid: A Review. , 2018, , .		8
16	A Survey on Low Latency Towards 5G: RAN, Core Network and Caching Solutions. IEEE Communications Surveys and Tutorials, 2018, 20, 3098-3130.	39.4	619
17	Trends and Future Directions of Research for Smart Grid IoT Sensor Networks. , 2018, , 45-61.		11
18	LAA-LTE and WiFi based smart grid metering infrastructure in 3.5 GHz band. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
19	A gossip algorithm based clock synchronization scheme for smart grid applications. , 2017, , .		11
20	CBRS Spectrum Sharing between LTE-U and WiFi: A Multiarmed Bandit Approach. Mobile Information Systems, 2016, 2016, 1-12.	0.6	16
21	Securing Metering Infrastructure of Smart Grid: A Machine Learning and Localization Based Key Management Approach. Energies, 2016, 9, 691.	3.1	40
22	A Location Based Key Management System for Advanced Metering Infrastructure of Smart Grid. , 2016, , .		15
23	LAA-based LTE and ZigBee coexistence for unlicensed-band smart grid communications. , 2016, , .		18
24	Multi-armed bandit for LTE-U and WiFi coexistence in unlicensed bands. , 2016, , .		25
25	Reliability assessment of access point of advanced metering infrastructure based on Bellcore standards (Telecordia). , 2015, , .		5
26	A key management-based two-level encryption method for AMI. , 2014, , .		18
27	Frequency band for HAN and NAN communication in Smart Grid. , 2014, , .		22
28	RSS based loop-free compass routing protocol for data communication in advanced metering infrastructure (AMI) of Smart Grid. , 2014, , .		20
29	Performance comparison of heterogeneous classifiers for detection of Parkinson's disease using voice disorder (dysphonia). , 2014, , .		18