

Fanxin Kong

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,304
citations

933447

10
h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

1631
citing authors

#	ARTICLE	IF	CITATIONS
1	Millimeter Wave Communication: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 1616-1653.	39.4	356
2	A review on electric vehicles interacting with renewable energy in smart grid. Renewable and Sustainable Energy Reviews, 2015, 51, 648-661.	16.4	236
3	Smart Charging for Electric Vehicles: A Survey From the Algorithmic Perspective. IEEE Communications Surveys and Tutorials, 2016, 18, 1500-1517.	39.4	190
4	A Survey on Geographic Load Balancing Based Data Center Power Management in the Smart Grid Environment. IEEE Communications Surveys and Tutorials, 2014, 16, 214-233.	39.4	114
5	A Survey on Green-Energy-Aware Power Management for Datacenters. ACM Computing Surveys, 2015, 47, 1-38.	23.0	106
6	Quantity Versus Quality: Optimal Harvesting Wind Power for the Smart Grid. Proceedings of the IEEE, 2014, 102, 1762-1776.	21.3	49
7	Reliability and Temporality Optimization for Multiple Coexisting WirelessHART Networks in Industrial Environments. IEEE Transactions on Industrial Electronics, 2017, 64, 6591-6602.	7.9	38
8	Cyber-Physical System Checkpointing and Recovery. , 2018, , .		37
9	A Hierarchical Data Transmission Framework for Industrial Wireless Sensor and Actuator Networks. IEEE Transactions on Industrial Informatics, 2017, 13, 2019-2029.	11.3	36
10	On-Line Event-Driven Scheduling for Electric Vehicle Charging via Park-and-Charge. , 2016, , .		28
11	Exploring Inherent Sensor Redundancy for Automotive Anomaly Detection. , 2020, , .		21
12	Distributed Deadline and Renewable Aware Electric Vehicle Demand Response in the Smart Grid. , 2015, , .		17
13	Bulk Savings for Bulk Transfers: Minimizing the Energy-Cost for Geo-Distributed Data Centers. IEEE Transactions on Cloud Computing, 2020, 8, 73-85.	4.4	16
14	A Data-Driven Model Predictive Control for Alleviating Thermal Overloads in the Presence of Possible False Data. IEEE Transactions on Industry Applications, 2021, 57, 1872-1881.	4.9	15
15	GreenPlanning: Optimal Energy Source Selection and Capacity Planning for Green Datacenters. , 2016, , .		10
16	Two Level Colocation Demand Response with Renewable Energy. IEEE Transactions on Sustainable Computing, 2020, 5, 147-159.	3.1	10
17	Blowing hard is not all we want: Quantity vs quality of wind power in the smart grid. , 2014, , .		9
18	Intelligent joint spatio-temporal management of electric vehicle charging and data center power consumption. , 2014, , .		7

#	ARTICLE	IF	CITATIONS
19	ADMM-Based Decentralized Electric Vehicle Charging with Trip Duration Limits. , 2019, , .		4
20	Joint Management of Energy Harvesting, Storage, and Usage for Green Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 250236.	2.2	3
21	Maximizing the lifetime of wireless sensor networks in trains for monitoring long-distance goods transportation. International Journal of Distributed Sensor Networks, 2017, 13, 155014771770789.	2.2	2
22	Distributed Data Center Bandwidth Allocation for Cloud-Based Streaming. IEEE Transactions on Sustainable Computing, 2019, 4, 263-276.	3.1	0