Yuemin Ding

List of Publications by Year
in descending order

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52	888	686830	580395
papers	citations	13	25
		h-index	g-index

52	52	52	864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reward Shaping-Based Actorâ€“Critic Deep Reinforcement Learning for Residential Energy Management. IEEE Transactions on Industrial Informatics, 2023, 19, 2662-2673.	7.2	13
2	A Container-Driven Service Architecture to Minimize the Upgrading Requirements of User-Side Smart Meters in Distribution Grids. IEEE Transactions on Industrial Informatics, 2022, 18, 719-728.	7.2	7
3	ChainFL: A Simulation Platform for Joint Federated Learning and Blockchain in Edge/Cloud Computing Environments. IEEE Transactions on Industrial Informatics, 2022, 18, 3572-3581.	7.2	24
4	Low-Latency Multicast and Broadcast Technologies for Real-Time Applications in Smart Grid. , 2022, , 1-32.		0
5	Data-driven real-time price-based demand response for industrial facilities energy management. Applied Energy, 2021, 283, 116291.	5.1	37
6	DHW tank sizing considering dynamic energy prices. E3S Web of Conferences, 2021, 246, 07005.	0.2	2
7	Techno-economic analysis of implementing thermal storage for peak load shaving in a campus district heating system with waste heat from the data centre. E3S Web of Conferences, 2021, 246, 09003.	0.2	1
8	Data-driven analysis of electricity use for office buildings: a Norwegian case study. E3S Web of Conferences, 2021, 246, 04005.	0.2	0
9	Energy, economic, and environmental analysis of integration of thermal energy storage into district heating systems using waste heat from data centres. Energy, 2021, 219, 119582.	4.5	49
10	Computationally efficient sandbox algorithm for multifractal analysis of large-scale complex networks with tens of millions of nodes. Physical Review E, 2021, 103, 043303.	0.8	7
11	A hybrid deep learning-based online energy management scheme for industrial microgrid. Applied Energy, 2021, 304, 117857.	5.1	23
12	Residential energy demand response management algorithm considering consumer usage patterns. , 2021, , .		0
13	A Priority Load-Aware Weighted Round Robin Scheduling Algorithm for Data Transmission. , 2021, , .		1
14	Constrained Broadcast With Minimized Latency in Neighborhood Area Networks of Smart Grid. IEEE Transactions on Industrial Informatics, 2020, 16, 309-318.	7.2	15
15	Multi-agent deep reinforcement learning based demand response for discrete manufacturing systems energy management. Applied Energy, 2020, 276, 115473.	5.1	79
16	A Comparative Study of Multicast Routing minimizing bandwidth under delay constraint for Smart Grids Communication. , 2020, , .		0
17	WiFi-Based Indoor Positioning by Random Forest and Adjusted Cosine Similarity. , 2020, , .		7
18	Demand response capacity constrained optimisation of multicast routing in smart grid. International Journal of Wireless and Mobile Computing, 2020, 19, 33.	0.1	0

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19	A â˜4â€“4 V Input Common-Mode Range Bidirectional Current Shunt Monitor. Journal of Circuits, Systems and Computers, 2020, 29, 2050221.	1.0	1
20	Burst Traffic Awareness WRR Scheduling Algorithm in Wide Area Network for Smart Grid. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 117-128.	0.2	1
21	A Crowdsourcing-based Localization Scheme with Ultra-Wideband Communication. , 2020, , .		0
22	A Comparative Study of Energy-Aware Routing of Wireless IoT for Intelligent Gas Metering. , 2020, , .		0
23	Generating Scale-Free Topology for Wireless Neighborhood Area Networks in Smart Grid. IEEE Transactions on Smart Grid, 2019, 10, 4245-4252.	6.2	22
24	Research on Security Testing and Simulation Platform of Smart Grid Substation System. , 2019, , .		1
25	A Lightweight Fingerprint-based Device Authentication Architecture for Wireless Industrial Automation Networks. , 2019, , .		1
26	Demand Response Management for Industrial Facilities: A Deep Reinforcement Learning Approach. IEEE Access, 2019, 7, 82194-82205.	2.6	46
27	Blockchain-based decentralized and secure keyless signature scheme for smart grid. Energy, 2019, 180, 955-967.	4.5	97
28	0.55â€“1.8 V, 7.5ÂnW, 225.5ÂmV, CMOSâ€only subthreshold voltage reference. Electronics Letters, 2019, 55, 306-308.	0.5	3
29	A data mining-driven incentive-based demand response scheme for a virtual power plant. Applied Energy, 2019, 239, 549-559.	5.1	67
30	A Novel Low-Noise Bandgap Reference with an Active RC Filter. , 2019, , .		1
31	An Ultra-Low Noise Capacitive Readout Circuit for Gyroscopes. , 2019, , .		0
32	A Low-Noise, Low-Power, and Chopper-Stabilized, Current-Feedback Instrumentation Amplifier for Current Sensing Application. , 2019, , .		4
33	A Two-Module Linear Regulator with 3.9â€“10 V Input, 2.5 V Output, and 500 mA Load. Electronics (Switzerland), 2019, 8, 1143.	1.8	4
34	An Incentive-Based Demand Response (DR) Model Considering Composited DR Resources. IEEE Transactions on Industrial Electronics, 2019, 66, 1488-1498.	5.2	95
35	A 7.4 Î¼W Temperature Detecting Circuit for Battery Monitoring System. , 2018, , .		0
36	A Comparative Study of Multicast Routing under DR Constraint for Smart Grids. , 2018, , .		0

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37	Upper-Middleware Development of Smart Energy Profile 2.0 for Demand-Side Communications in Smart Grid. , 2018, , .		1
38	An improved DV-hop localization algorithm for wireless sensor networks. , 2018, , .		22
39	A 1500 mA load current LDO with wide power supply range in lithium-ion battery. , 2018, , .		7
40	Improved Multitarget Tracking in Clutter Using Bearings-Only Measurements. Sensors, 2018, 18, 1772.	2.1	0
41	A transfomer-based converter with a negative feedback regulation for energy harvesting. , 2018, , .		0
42	An improved PSO algorithm for node localization in indoor long-narrow confined space. , 2018, , .		5
43	Implementation of a Production-Control System Using Integrated Automation ML and OPC UA. , 2018, , .		6
44	A 300â€mA load CMOS lowâ€dropout regulator without an external capacitor for SoC and embedded applications. International Journal of Circuit Theory and Applications, 2017, 45, 2281-2289.	1.3	13
45	A comparative study of the link-state-aware routing in typical wireless sensor network models for home automation. , 2017, , .		0
46	Research on the Influence of Sensor Network Communication in the Electromagnetic Environment of Smart Grid. Journal of Electrical and Computer Engineering, 2016, 2016, 1-12.	0.6	1
47	A hardware-in-the-loop simulator for demand response energy management in industrial facilities. , 2015, , .		7
48	Enhanced Key Management Protocols for Wireless Sensor Networks. Mobile Information Systems, 2015, 2015, 1-10.	0.4	8
49	Experimental investigation of the packet loss rate of wireless industrial networks in real industrial environments. , 2015, , .		10
50	A Demand Response Energy Management Scheme for Industrial Facilities in Smart Grid. IEEE Transactions on Industrial Informatics, 2014, 10, 2257-2269.	7.2	162
51	CFP scheduling for real-time service and energy efficiency in the industrial applications of IEEE 802.15.4. Journal of Communications and Networks, 2013, 15, 87-101.	1.8	29
52	A model of demand response energy management system in industrial facilities. , 2013, , .		9