Weifeng Zhong

List of Publications by Citations

29 papers	716 citations	13 h-index	26 g-index
34 ext. papers	969 ext. citations	7.1 avg, IF	4.52 L-index

#	Paper	IF	Citations
29	Balancing Power Demand Through EV Mobility in Vehicle-to-Grid Mobile Energy Networks. *IEEE Transactions on Industrial Informatics*, **2016**, 12, 79-90	11.9	109
28	Efficient Mobility-Aware Task Offloading for Vehicular Edge Computing Networks. *IEEE Access*, **2019**, 7, 26652-26664	3.5	80
27	Fair Energy Scheduling for Vehicle-to-Grid Networks Using Adaptive Dynamic Programming. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 1697-707	10.3	75
26	PHEV Charging and Discharging Cooperation in V2G Networks: A Coalition Game Approach. *IEEE Internet of Things Journal*, **2014**, 1, 578-589	10.7	71
25	Auction Mechanisms for Energy Trading in Multi-Energy Systems. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 1511-1521	11.9	56
24	QoS Differential Scheduling in Cognitive-Radio-Based Smart Grid Networks: An Adaptive Dynamic Programming Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 435-43	10.3	46
23	Software Defined Networking for Flexible and Green Energy Internet **2016**, 54, 68-75		44
22	. *IEEE Transactions on Smart Grid*, **2019**, 10, 2137-2147	10.7	35
21	Online Control and Near-Optimal Algorithm for Distributed Energy Storage Sharing in Smart Grid. *IEEE Transactions on Smart Grid*, **2020**, 11, 2552-2562	10.7	32
20	ADMM-Based Distributed Auction Mechanism for Energy Hub Scheduling in Smart Buildings. *IEEE Access*, **2018**, 6, 45635-45645	3.5	27
19	On Stability and Robustness of Demand Response in V2G Mobile Energy Networks. *IEEE Transactions on Smart Grid*, **2018**, 9, 3203-3212	10.7	24
18	Multi-Resource Allocation of Shared Energy Storage: A Distributed Combinatorial Auction Approach. *IEEE Transactions on Smart Grid*, **2020**, 11, 4105-4115	10.7	23
17	. *IEEE Transactions on Smart Grid*, **2020**, 1-1	10.7	22
16	Distributed Demand Response for Multienergy Residential Communities With Incomplete Information. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 547-557	11.9	11
15	. *IEEE Computational Intelligence Magazine*, **2019**, 14, 42-51	5.6	9
14	Efficient auction mechanisms for two-layer vehicle-to-grid energy trading in smart grid **2017**,		8
13	Distributed Capacity Allocation of Shared Energy Storage Using Online Convex Optimization. *Energies*, **2019**, 12, 1642	3.1	7

List of Publications

12	Optimal and Elastic Energy Trading for Green Microgrids: a two-Layer Game Approach. *Mobile Networks and Applications*, **2019**, 24, 950-961	2.9	7
11	Chance Constrained Scheduling and Pricing for Multi-Service Battery Energy Storage. *IEEE Transactions on Smart Grid*, **2021**, 1-1	10.7	6
10	Efficient Task Offloading and Resource Allocation for Edge Computing-Based Smart Grid Networks **2019**,		5
9	Multi-energy Demand Response Management in Energy Internet: A Stackelberg Game Approach. *Chinese Journal of Electronics*, **2019**, 28, 640-644	0.9	4
8	Electricity Consumption Scheduling with ConsumersbComfort and Preference in Smart Grid. *Chinese Journal of Electronics*, **2016**, 25, 1151-1158	0.9	4
7	Price-based Energy Control for V2G Networks in the Industrial Smart Grid **2015**,		2
6	Fair energy scheduling in vehicle-to-grid networks in the smart grid **2014**,		2
5	Adaptive price control for electric vehicle charging in smart grid **2015**,		1
4	Dynamic demand balance in vehicle-to-grid mobile energy networks **2015**,		1
3	Optimal energy management for multi-energy multi-microgrid networks considering carbon emission limitations. *Energy*, **2022**, 246, 123428	7.9	1
2	Cooperative operation of battery swapping stations and charging stations with electricity and carbon trading. *Energy*, **2022**, 124208	7.9	1
1	Decentralized Energy Management for Wireless Power Transfer Assisted Platoon Autonomous Driving: A Leader-to-Follower Approach. *IEEE Transactions on Green Communications and Networking*, **2022**, 1-1	4	