

Pengcheng You

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Battery-Assisted Online Operation of Distributed Data Centers With Uncertain Workload and Electricity Prices. IEEE Transactions on Cloud Computing, 2023, 11, 1303-1314.	4.4	1
2	Online Station Assignment for Electric Vehicle Battery Swapping. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3256-3267.	8.0	18
3	Equilibrium analysis of electricity markets with day-ahead market power mitigation and real-time intercept bidding. , 2022, , .		1
4	Distributed planning of electricity and natural gas networks and energy hubs. Applied Energy, 2021, 282, 116090.	10.1	26
5	Saddle Flow Dynamics: Observable Certificates and Separable Regularization. , 2021, , .		2
6	Storage Degradation Aware Economic Dispatch. , 2021, , .		4
7	Hierarchical, Grid-Aware, and Economically Optimal Coordination of Distributed Energy Resources in Realistic Distribution Systems. Energies, 2020, 13, 6399.	3.1	8
8	Scheduling of EV battery swapping in microgrids. , 2020, , 203-241.		0
9	Event-Driven Joint Mobile Actuators Scheduling and Control in Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 5877-5891.	11.3	16
10	Online Pricing Mechanism for Electric Vehicles Charging Based on Operational Condition of A Charging Station. , 2019, , .		1
11	The Role of Strategic Load Participants in Two-Stage Settlement Electricity Markets. , 2019, , .		9
12	Coordinated Scheduling Strategy of Charging Station Considering Cost and Efficiency. , 2019, , .		1
13	Distributed Approach for Temporalâ€Spatial Charging Coordination of Plug-in Electric Taxi Fleet. IEEE Transactions on Industrial Informatics, 2019, 15, 3185-3195.	11.3	25
14	Optimal Charging Scheduling by Pricing for EV Charging Station With Dual Charging Modes. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3386-3396.	8.0	172
15	Scheduling of EV Battery Swappingâ€Part II: Distributed Solutions. IEEE Transactions on Control of Network Systems, 2018, 5, 1920-1930.	3.7	33
16	Optimal-Cost Scheduling of Electrical Vehicle Charging Under Uncertainty. IEEE Transactions on Smart Grid, 2018, 9, 4547-4554.	9.0	51
17	Scheduling of EV Battery Swappingâ€Part I: Centralized Solution. IEEE Transactions on Control of Network Systems, 2018, 5, 1887-1897.	3.7	57
18	Deep Koopman Controller Synthesis for Cyber-Resilient Market-Based Frequency Regulation. IFAC-PapersOnLine, 2018, 51, 720-725.	0.9	11

#	ARTICLE	IF	CITATIONS
19	Residential Load Reduction Scheduling with Optimal Power Flow and Segmented Incentives. , 2018, , .		1
20	Bilaterally Open Electricity Markets with High Penetration of Renewables. , 2018, , .		0
21	Stabilization of Power Networks via Market Dynamics. , 2018, , .		0
22	Efficient Online Station Assignment for EV Battery Swapping. , 2018, , .		1
23	Temporally Networked Cournot Platform Markets. , 2018, , .		2
24	Optimal Battery Charging Strategy Based on Complex System Optimization. Communications in Computer and Information Science, 2017, , 371-378.	0.5	4
25	Battery Swapping Assignment for Electric Vehicles. Performance Evaluation Review, 2017, 45, 85-87.	0.6	6
26	Multi-objective biogeography-based optimization for dynamic economic emission load dispatch considering plug-in electric vehicles charging. Energy, 2017, 135, 101-111.	8.8	98
27	Battery swapping assignment for electric vehicles: A bipartite matching approach. , 2017, , .		4
28	Recommendation of geographic distributed charging stations for electric vehicles: A game theoretical approach. , 2017, , .		12
29	Optimal cooperative charging strategy for a smart charging station of electric vehicles. , 2017, , .		3
30	Complex system optimization for economic emission load dispatch. , 2016, , .		1
31	Real-time recommendation algorithm of battery swapping stations for electric taxis. , 2016, , .		10
32	Optimal charging schedule for a battery switching station serving electric buses. , 2016, , .		5
33	Optimal privacy-preserving load scheduling in smart grid. , 2016, , .		1
34	Optimal Charging Schedule for a Battery Switching Station Serving Electric Buses. IEEE Transactions on Power Systems, 2016, 31, 3473-3483.	6.5	86
35	Optimal Cooperative Charging Strategy for a Smart Charging Station of Electric Vehicles. IEEE Transactions on Power Systems, 2016, 31, 2946-2956.	6.5	111
36	Joint scheduling of large-scale appliances and batteries via distributed mixed optimization. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	Efficient battery charging schedule of battery-swapping station for electric buses. , 2015, , .		4
38	Decentralized multi-charger coordination for wireless rechargeable sensor networks. , 2015, , .		3
39	Joint Scheduling of Large-Scale Appliances and Batteries Via Distributed Mixed Optimization. IEEE Transactions on Power Systems, 2015, 30, 2031-2040.	6.5	31
40	Economical Operation of Microgrid With Various Devices Via Distributed Optimization. IEEE Transactions on Smart Grid, 2015, , 1-11.	9.0	36
41	Efficient optimal scheduling of charging station with multiple electric vehicles via V2V. , 2014, , .		41