

Chin-Yao Chang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

531
citations

2258059

3
h-index

2053705

5
g-index

18
all docs

18
docs citations

18
times ranked

528
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregated Modeling and Control of Air Conditioning Loads for Demand Response. IEEE Transactions on Power Systems, 2013, 28, 4655-4664.	6.5	389
2	Autonomous Energy Grids: Controlling the Future Grid With Large Amounts of Distributed Energy Resources. IEEE Power and Energy Magazine, 2020, 18, 37-46.	1.6	42
3	Saddle-Flow Dynamics for Distributed Feedback-Based Optimization. , 2019, 3, 948-953.		23
4	Reduced-order modeling of aggregated thermostatic loads with demand response. , 2012, , .		18
5	Modeling and control of aggregated air conditioning loads under realistic conditions. , 2013, , .		14
6	Economic Dispatch With Distributed Energy Resources: Co-Optimization of Transmission and Distribution Systems. , 2021, 5, 1994-1999.		7
7	On the Computational Viability of Quantum Optimization for PMU Placement. , 2020, , .		6
8	Enabling DER Participation in Frequency Regulation Markets. IEEE Transactions on Control Systems Technology, 2022, 30, 2391-2405.	5.2	5
9	A scheduled-asynchronous distributed optimization algorithm for the optimal power flow problem. , 2017, , .		4
10	Participation of Microgrids in Frequency Regulation Markets. , 2018, , .		4
11	On exact and near optimal power flow solutions for microgrid applications. , 2016, , .		3
12	Grid-connected microgrid participation in frequency-regulation markets via hierarchical coordination. , 2017, , .		3
13	Weight design of distributed approximate Newton algorithms for constrained optimization. , 2017, , .		3
14	Convex relaxation for mixed-integer optimal power flow problems. , 2017, , .		3
15	Maximizing Algebraic Connectivity of Constrained Graphs in Adversarial Environments. , 2018, , .		3
16	Scheduled-Asynchronous Distributed Algorithm for Optimal Power Flow. IEEE Transactions on Control of Network Systems, 2019, 6, 261-275.	3.7	2
17	Virtual-Voltage Partition-Based Approach to Optimal Transmission Switching. IEEE Transactions on Control Systems Technology, 2021, 29, 1246-1256.	5.2	2
18	Computation-Efficient Algorithm for Distributed Feedback Optimization of Distribution Grids. , 2020, , .		0