

Xinyang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

412
citations

1307594

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1281871

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g-index

28
all docs

28
docs citations

28
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	An Incentive-Based Online Optimization Framework for Distribution Grids. IEEE Transactions on Automatic Control, 2018, 63, 2019-2031.	5.7	70
2	Online Optimization for Networked Distributed Energy Resources With Time-Coupling Constraints. IEEE Transactions on Smart Grid, 2021, 12, 251-267.	9.0	49
3	Reverse and Forward Engineering of Local Voltage Control in Distribution Networks. IEEE Transactions on Automatic Control, 2021, 66, 1116-1128.	5.7	47
4	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
5	Gradient-Based Multi-Area Distribution System State Estimation. IEEE Transactions on Smart Grid, 2020, 11, 5325-5338.	9.0	40
6	Accelerated Voltage Regulation in Multi-Phase Distribution Networks Based on Hierarchical Distributed Algorithm. IEEE Transactions on Power Systems, 2020, 35, 2047-2058.	6.5	34
7	Online Stochastic Optimization of Networked Distributed Energy Resources. IEEE Transactions on Automatic Control, 2020, 65, 2387-2401.	5.7	21
8	Pseudo-gradient based local voltage control in distribution networks. , 2015, , .		19
9	Local voltage control in distribution networks: A game-theoretic perspective. , 2016, , .		14
10	Hierarchical Distributed Voltage Regulation in Networked Autonomous Grids. , 2019, , .		14
11	An incremental local algorithm for better voltage control in distribution networks. , 2016, , .		10
12	Solving Optimal Power Flow for Distribution Networks with State Estimation Feedback. , 2020, , .		8
13	Incentive-based voltage regulation in distribution networks. , 2017, , .		7
14	Economic Dispatch With Distributed Energy Resources: Co-Optimization of Transmission and Distribution Systems. , 2021, 5, 1994-1999.		7
15	Panorama: A Framework to Support Collaborative Context Monitoring on Co-located Mobile Devices. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 143-160.	0.3	6
16	Matrix Completion Using Alternating Minimization for Distribution System State Estimation. , 2020, , .		5
17	Demand shaping in cellular networks. , 2014, , .		3
18	Stochastic dual algorithm for voltage regulation in distribution networks with discrete loads. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Demand Shaping in Cellular Networks. IEEE Transactions on Control of Network Systems, 2019, 6, 363-374.	3.7	3
20	Signal-Anticipation in Local Voltage Control in Distribution Systems. IEEE Transactions on Smart Grid, 2020, 11, 233-246.	9.0	3
21	Performance Evaluation of Distributed Energy Resource Management Algorithm in Large Distribution Networks. , 2021, , .		3
22	A New Perspective to Synchronization in Networks of Coupled Oscillators: Reverse Engineering and Convex Relaxation. IFAC-PapersOnLine, 2015, 48, 40-45.	0.9	2
23	Multi-Level Optimal Power Flow Solver in Large Distribution Networks. , 2020, , .		1
24	A Scalable Meter Placement Method for Distribution System State Estimation. , 2021, , .		1
25	Economic Dispatch With Distributed Energy Resources: Co-Optimization of Transmission and Distribution Systems. , 2021, , .		0
26	Accelerated Voltage Regulation in Multi-Phase Distribution Networks Based on Hierarchical Distributed Algorithm. , 2020, , .		0
27	Computation-Efficient Algorithm for Distributed Feedback Optimization of Distribution Grids. , 2020, , .		0