

Weiye Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6408864/publications.pdf>

Version: 2024-02-01

30
papers

1,222
citations

430442

18
h-index

610482

24
g-index

30
all docs

30
docs citations

30
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fully Distributed Reactive Power Optimization and Control Method for Active Distribution Networks. IEEE Transactions on Smart Grid, 2015, , 1-1.	6.2	192
2	Decentralized Multiarea Robust Generation Unit and Tie-Line Scheduling Under Wind Power Uncertainty. IEEE Transactions on Sustainable Energy, 2015, 6, 1377-1388.	5.9	123
3	Decentralized Reactive Power Optimization Method for Transmission and Distribution Networks Accommodating Large-Scale DG Integration. IEEE Transactions on Sustainable Energy, 2017, 8, 363-373.	5.9	103
4	Decentralized Dynamic Economic Dispatch for Integrated Transmission and Active Distribution Networks Using Multi-Parametric Programming. IEEE Transactions on Smart Grid, 2018, 9, 4983-4993.	6.2	85
5	Fully distributed multi-area economic dispatch method for active distribution networks. IET Generation, Transmission and Distribution, 2015, 9, 1341-1351.	1.4	81
6	Review and prospect of data-driven techniques for load forecasting in integrated energy systems. Applied Energy, 2022, 321, 119269.	5.1	67
7	Distributed Robust Bilinear State Estimation for Power Systems with Nonlinear Measurements. IEEE Transactions on Power Systems, 2017, 32, 499-509.	4.6	64
8	Fully Distributed Quasi-Newton Multi-Area Dynamic Economic Dispatch Method for Active Distribution Networks. IEEE Transactions on Power Systems, 2018, 33, 4253-4263.	4.6	59
9	Distributionally Robust Optimal Power Flow in Multi-Microgrids With Decomposition and Guaranteed Convergence. IEEE Transactions on Smart Grid, 2021, 12, 43-55.	6.2	56
10	Robust reactive power optimisation and voltage control method for active distribution networks via dual time-scale coordination. IET Generation, Transmission and Distribution, 2017, 11, 1461-1471.	1.4	50
11	Distributed optimal residential demand response considering operational constraints of unbalanced distribution networks. IET Generation, Transmission and Distribution, 2018, 12, 1970-1979.	1.4	50
12	An Adaptive Distributionally Robust Model for Three-Phase Distribution Network Reconfiguration. IEEE Transactions on Smart Grid, 2021, 12, 1224-1237.	6.2	47
13	A Dynamic Equivalent Model for District Heating Networks: Formulation, Existence and Application in Distributed Electricity-Heat Operation. IEEE Transactions on Smart Grid, 2021, 12, 2685-2695.	6.2	46
14	A deep learning-based general robust method for network reconfiguration in three-phase unbalanced active distribution networks. International Journal of Electrical Power and Energy Systems, 2020, 120, 105982.	3.3	33
15	Distribution Network Reconfiguration for Short-Term Voltage Stability Enhancement: An Efficient Deep Learning Approach. IEEE Transactions on Smart Grid, 2021, 12, 5385-5395.	6.2	28
16	An Adaptive Distributed Quasi-Newton Method for Power System State Estimation. IEEE Transactions on Smart Grid, 2019, 10, 5114-5124.	6.2	23
17	Incentive-based coordination mechanism for distributed operation of integrated electricity and heat systems. Applied Energy, 2021, 285, 116373.	5.1	23
18	Distributed Real-Time Dispatch of Integrated Electricity and Heat Systems With Guaranteed Feasibility. IEEE Transactions on Industrial Informatics, 2022, 18, 1175-1185.	7.2	19

#	ARTICLE	IF	CITATIONS
19	A Non-Iterative Decoupled Solution for Robust Integrated Electricity-Heat Scheduling Based on Network Reduction. IEEE Transactions on Sustainable Energy, 2021, 12, 1473-1488.	5.9	18
20	Resilient power network structure for stable operation of energy systems: A transfer learning approach. Applied Energy, 2021, 296, 117065.	5.1	14
21	Distributed multi-area load flow for multi-microgrid systems. IET Generation, Transmission and Distribution, 2019, 13, 327-336.	1.4	11
22	Dynamic economic dispatch for microgrids: A fully distributed approach. , 2016, , .		8
23	Optimal residential demand response considering the operational constraints of unbalanced distribution networks. , 2017, , .		5
24	A sparse recovery model with fast decoupled solution for distribution state estimation and its performance analysis. Journal of Modern Power Systems and Clean Energy, 2019, 7, 1411-1421.	3.3	4
25	Robust voltage control model for active distribution network considering PVs and loads uncertainties. , 2015, , .		3
26	Performance analysis of sparse recovery models for bad data detection and state estimation in electric power networks. , 2016, , .		3
27	A robust bilinear three-phase state estimation method for power systems. , 2016, , .		3
28	Efficient Robust Look-Ahead Dispatch Incorporating Critical Region Preparation in Gap Time. IEEE Transactions on Power Systems, 2021, 36, 4840-4843.	4.6	3
29	A Multi-parametric Programming Based Analytic Method to Compute Consumer Offer Curve for Reserves. Journal of Modern Power Systems and Clean Energy, 2022, 10, 542-546.	3.3	1
30	Load Flow Calculation Considering Droop Control in Distribution Networks: A Convex Optimization Approach. , 2019, , .		0