

Hongjun Gao

List of Publications by Year in descending order

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47
papers

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47
times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	Decentralized Energy Management for Networked Microgrids in Future Distribution Systems. IEEE Transactions on Power Systems, 2018, 33, 3599-3610.	6.5	147
2	Robust Coordinated Optimization of Active and Reactive Power in Active Distribution Systems. IEEE Transactions on Smart Grid, 2018, 9, 4436-4447.	9.0	136
3	Distributed Voltage Control in Active Distribution Network Considering Renewable Energy: A Novel Network Partitioning Method. IEEE Transactions on Power Systems, 2020, 35, 4220-4231.	6.5	58
4	Decentralized optimal operation model for cooperative microgrids considering renewable energy uncertainties. Applied Energy, 2020, 262, 114579.	10.1	57
5	Review and prospect of active distribution system planning. Journal of Modern Power Systems and Clean Energy, 2015, 3, 457-467.	5.4	56
6	Reserve Model of Energy Storage in Day-Ahead Joint Energy and Reserve Markets: A Stochastic UC Solution. IEEE Transactions on Smart Grid, 2021, 12, 372-382.	9.0	51
7	A bi-level robust planning model for active distribution networks considering uncertainties of renewable energies. International Journal of Electrical Power and Energy Systems, 2019, 105, 814-822.	5.5	43
8	Integrated Day-Ahead Scheduling Considering Active Management in Future Smart Distribution System. IEEE Transactions on Power Systems, 2018, 33, 6049-6061.	6.5	37
9	A Bayesian Learning Based Scheme for Online Dynamic Security Assessment and Preventive Control. IEEE Transactions on Power Systems, 2020, 35, 4088-4099.	6.5	34
10	A Bi-Level Corrective Line Switching Model for Urban Power Grid Congestion Mitigation. IEEE Transactions on Power Systems, 2020, 35, 2959-2970.	6.5	18
11	Data-driven distributionally robust joint planning of distributed energy resources in active distribution network. IET Generation, Transmission and Distribution, 2020, 14, 1653-1662.	2.5	18
12	Cutting planes based relaxed optimal power flow in active distribution systems. Electric Power Systems Research, 2017, 143, 272-280.	3.6	17
13	Analytic Deep Learning-Based Surrogate Model for Operational Planning With Dynamic TTC Constraints. IEEE Transactions on Power Systems, 2021, 36, 3507-3519.	6.5	17
14	Data-Driven Adjustable Robust Unit Commitment of Integrated Electric-Heat Systems. IEEE Transactions on Power Systems, 2021, 36, 1385-1398.	6.5	15
15	Applying multiple types of demand response to optimal day-ahead stochastic scheduling in the distribution network. IET Generation, Transmission and Distribution, 2020, 14, 4509-4519.	2.5	14
16	An Improved ADMM-Based Distributed Optimal Operation Model of AC/DC Hybrid Distribution Network Considering Wind Power Uncertainties. IEEE Systems Journal, 2021, 15, 2201-2211.	4.6	13
17	Time-Segmented Multi-Level Reconfiguration in Distribution Network: A Novel Cloud-Edge Collaboration Framework. IEEE Transactions on Smart Grid, 2022, 13, 3319-3322.	9.0	13
18	Integrated Planning of Cyber-Physical Active Distribution System Considering Multidimensional Uncertainties. IEEE Transactions on Smart Grid, 2022, 13, 3145-3159.	9.0	13

#	ARTICLE	IF	CITATIONS
19	Wind power interval forecasting based on adaptive decomposition and probabilistic regularised extreme learning machine. IET Renewable Power Generation, 2020, 14, 3181-3191.	3.1	12
20	Power Grid Reliability Evaluation Considering Wind Farm Cyber Security and Ramping Events. Applied Sciences (Switzerland), 2019, 9, 3003.	2.5	10
21	Distributionally Robust Optimal DG Allocation Model Considering Flexible Adjustment of Demand Response. , 2019, , .		8
22	Active distribution network operation management integrated with P2P trading. Applied Energy, 2022, 323, 119632.	10.1	8
23	Surrogate-assisted optimal re-dispatch control for risk-aware regulation of dynamic total transfer capability. IET Generation, Transmission and Distribution, 2021, 15, 1949-1961.	2.5	7
24	Probabilistic Chronological Production Simulation-Based Coordinated Dispatching for Cascaded Hydro-PV-PSH Combined Power Generation System. Mathematical Problems in Engineering, 2020, 2020, 1-14.	1.1	3
25	Research on Line-Loss Correlation Analysis Technology of Distribution Network Based on Apriori Algorithm. , 2020, , .		2
26	Knowledge Graph Construction Method for Power Grid Infrastructure. , 2022, , .		2
27	Multivariate Load Interval Prediction of Integrated Energy System Based on Multitask Learning. , 2019, , .		1
28	Design and Implementation of Distribution Network Planning System Based on GIS Automatic Drawing Technology. , 2019, , .		1
29	Energy Management for Building Integrated Energy System Considering Generalized Energy Storage. , 2021, , .		1
30	Hierarchical Game Trading Model for Multiple VPPs Considering the Interaction with Distribution System. , 2020, , .		1
31	Optimal Planning of Distribution Network Based on K-means Clustering. , 2020, , .		1
32	A Modified Data-driven Power Flow Model for Power Estimation with Incomplete Bus Data. , 2022, , .		1
33	Blockchain Technology Based Digital Document Management System Design. , 2022, , .		1
34	Modeling Transaction Behavior of Multiple Stakeholders Based on Interactive Cooperation in Distribution Network. , 2019, , .		0
35	Multi-dimensional Difference Analysis Model for Distribution Network Mesh Planning. , 2019, , .		0
36	Distributed Coordination and Optimization Model of Multi-stakeholder in Active Distribution Network. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Evaluation and management model of distribution network grid planning based on the analytic hierarchy process. , 2019, , .		0
38	Interactive Trading Model Among Multiple Market Participants Based on Hierarchical Game Frame in Distribution Network. , 2021, , .		0
39	Coordinated Energy Trading Model for Cooperative Microgrids Considering Uncertainties. , 2021, , .		0
40	Stackelberg Game Based Optimal Multi-energy Management for Commercial Building Operators. , 2021, , .		0
41	Multi-stage Planning Method for Distribution Network Considering Building Integrated Energy Station. , 2021, , .		0
42	Optimal Configuration for Power Electronic Transformer Ports Considering the Optimization of Transfer Paths. , 2020, , .		0
43	Trading Model of Virtual Power Plant Considering Shapley Contribution Based Revenue Distribution. , 2020, , .		0
44	Distributed Optimal Operation of AC/DC Hybrid Distribution Network Considering Wind Power Uncertainty. , 2020, , .		0
45	Urban Distribution Systems Planning Considering Integrated Load Forecasting. , 2020, , .		0
46	Integrated Dispatch Optimization for Building Energy System. , 2021, , .		0
47	Optimized configuration of video surveillance layout for substation construction site for full coverage surveillance. , 2022, , .		0