

Haozhong Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5509424/publications.pdf>

Version: 2024-02-01

65
papers

596
citations

687363

13
h-index

677142

22
g-index

65
all docs

65
docs citations

65
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic Evaluation of Available Load Supply Capability for Distribution System. IEEE Transactions on Power Systems, 2013, 28, 3215-3225.	6.5	86
2	An Iterative LMP Calculation Method Considering Loss Distributions. IEEE Transactions on Power Systems, 2010, 25, 1469-1477.	6.5	57
3	The Interval Minimum Load Cutting Problem in the Process of Transmission Network Expansion Planning Considering Uncertainty in Demand. IEEE Transactions on Power Systems, 2008, 23, 1497-1506.	6.5	50
4	N-K Constrained Composite Generation and Transmission Expansion Planning With Interval Load. IEEE Access, 2017, 5, 2779-2789.	4.2	34
5	A Hierarchical Energy Scheduling Framework of Microgrids With Hybrid Energy Storage Systems. IEEE Access, 2018, 6, 2472-2483.	4.2	34
6	Distribution Network Planning Considering Distributed Generation by Genetic Algorithm Combined with Graph Theory. Electric Power Components and Systems, 2010, 38, 325-339.	1.8	23
7	An Optimal Reactive Power Control Strategy for UHVAC/DC Hybrid System in East China Grid. IEEE Transactions on Smart Grid, 2016, 7, 392-399.	9.0	23
8	Optimal siting and sizing of intermittent distributed generators in distribution system. IEEE Transactions on Electrical and Electronic Engineering, 2015, 10, 628-635.	1.4	17
9	An Optimal N-1 Secure Operation Mode for Medium-voltage Loop Distribution Networks Considering Load Supply Capability and Security Distance. Electric Power Components and Systems, 2017, 45, 1393-1403.	1.8	17
10	Transmission network expansion planning with security constraints based on bi-level linear programming. European Transactions on Electrical Power, 2009, 19, 388-399.	1.0	15
11	Bi-Objective Reactive Power Reserve Optimization to Coordinate Long- and Short-Term Voltage Stability. IEEE Access, 2018, 6, 13057-13065.	4.2	15
12	A new game theory-based solution methodology for generation maintenance strategy. European Transactions on Electrical Power, 2009, 19, 225-239.	1.0	14
13	Transmission network optimal planning based on plant growth simulation algorithm. European Transactions on Electrical Power, 2009, 19, 291-301.	1.0	14
14	Interval optimal reactive power reserve dispatch considering generator rescheduling. IET Generation, Transmission and Distribution, 2016, 10, 1833-1841.	2.5	12
15	Multi-objective bi-level planning of active distribution networks considering network transfer capability and dispersed energy storage systems. Journal of Renewable and Sustainable Energy, 2018, 10, .	2.0	12
16	A novel dynamic reactive power planning methodology to enhance transient voltage stability. International Transactions on Electrical Energy Systems, 2017, 27, e2390.	1.9	10
17	A novel point estimate method for probabilistic power flow considering correlated nodal power. , 2014, , .		9
18	The third-order induction motor parameter estimation using an adaptive genetic algorithm. , 0, , .		8

#	ARTICLE	IF	CITATIONS
19	A Bi-Level Programming Model for Multistage Transmission Network Expansion Planning in Competitive Electricity Market. , 2009, , .		8
20	A Modified Nataf Transformation-based Extended Quasi-Monte Carlo Simulation Method for Solving Probabilistic Load Flow. Electric Power Components and Systems, 2016, 44, 1735-1744.	1.8	8
21	An N-k Analytic Method of Composite Generation and Transmission with Interval Load. Energies, 2017, 10, 168.	3.1	8
22	Dynamic VAR planning methodology to enhance transient voltage stability for failure recovery. Journal of Modern Power Systems and Clean Energy, 2018, 6, 712-721.	5.4	8
23	Stochastic optimal transmission switching considering the correlated wind power. IET Generation, Transmission and Distribution, 2019, 13, 2664-2672.	2.5	8
24	Research of TOU power price based on multi-objective optimization of DSM and costs of power consumers. , 2004, , .		7
25	Life Cycle Cost estimate of power system planning. , 2010, , .		7
26	Multistage fuzzy-robust transmission network expansion planning under uncertainties. International Transactions on Electrical Energy Systems, 2019, 29, e12054.	1.9	7
27	Investigation on Limit Surfaces in Space Spanned by Generation Parameter. IEEE Transactions on Power Systems, 2010, 25, 1309-1318.	6.5	5
28	Stochastic optimal reactive power dispatch method based on point estimation considering load margin. , 2014, , .		5
29	Integrated modeling and planning of district multi-carrier energy systems. , 2017, , .		5
30	Optimal Size and Location of Battery Energy Storage Systems for Reducing the Wind Power Curtailments. Electric Power Components and Systems, 2018, 46, 342-352.	1.8	5
31	Stochastic Optimal Transmission Switching Considering N-1 Security Constraints. , 2018, , .		5
32	Research on Medium-Long Term Power Load Forecasting Method Based on Load Decomposition and Big Data Technology. , 2018, , .		5
33	Flexible transmission network planning using the connection number. European Transactions on Electrical Power, 2008, 18, 313-325.	1.0	4
34	Composite generation and transmission expansion planning with second order conic relaxation of AC power flow. , 2016, , .		4
35	Reactive power optimization and control considering penetration reactive power for ultra-high voltage power system. , 2015, , .		3
36	Optimal configuration of battery energy storage system for peak-load regulation. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
37	A probabilistic load flow method based on modified Nataf transformation and quasi Monte Carlo simulation. , 2015, , .		3
38	Multi-scenario generation and transmission expansion planning considering load spatial distribution. , 2016, , .		3
39	Coupled stochastic and robust transmission expansion planning. , 2017, , .		3
40	A two-stage robust optimization for coordinated planning of generation and energy storage systems. , 2017, , .		3
41	Self-Recovery Capability of Power System and Its Application in Active Power Optimal Scheduling. , 2018, , .		3
42	Quantitative assessment of active management of distribution network with distributed generation. , 2008, , .		2
43	Random Spanning Tree Based Improved GA for Distribution Reconfiguration. , 2009, , .		2
44	Impacts of an UHVDC Transmission Link on Operation Security and Stability of East China Power Grid. , 2010, , .		2
45	A new type of MW and MVar dispatch index for meeting voltage stability margin criteria based on normal vector of limit surface. , 2015, , .		2
46	Voltage Stability Assessment with Multi-infeed High-voltage DC Based on Voltage/Power Characteristics of Dynamic Reactive Power Sources. Electric Power Components and Systems, 2016, 44, 903-915.	1.8	2
47	Coordinated planning of Distributed Energy Resources and microgrid network. , 2016, , .		2
48	Fast Transmission Network Expansion Planning Considering the N-2 Security Criterion. , 2018, , .		2
49	Research on Generation and Transmission Expansion Planning with Large-scale Wind Farms Integration. , 2018, , .		2
50	Probability constrained optimisation model for transmission expansion planning considering the curtailment of wind power. Journal of Engineering, 2019, 2019, 5340-5344.	1.1	2
51	Multiobjective planning of open-loop mv distribution networks using ComGIS network analysis and MOGA. , 2008, , .		1
52	Optimal load curtailment using multi-objective fuzzy linear programming method. European Transactions on Electrical Power, 2010, 20, 1025-1039.	1.0	1
53	Indicator system of distribution network planning evaluation with consideration of life cycle cost. , 2011, , .		1
54	Second-Order Cone model for Active Distribution Network Expansion Planning. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
55	Optimal distributed generation placement and size under uncertainties and contingencies in active distribution networks. , 2016, , .		1
56	An estimation method of wind energy curtailment considering wind generator tripping in frequency adjustment level. International Transactions on Electrical Energy Systems, 2016, 26, 1427-1443.	1.9	1
57	Joint Planning of BESS and DR for industrial consumers participating in peak-shaving. , 2018, , .		1
58	Decentralized Expansion of Transmission Networks Incorporating Active Distribution Networks. , 2019, , .		1
59	A novel wind power equivalent method based on clustering of multivariable panel data. , 2014, , .		0
60	Research on probabilistic load flow method based on point estimation and dimension reduction by dominated variables. , 2015, , .		0
61	Study of the reactive power control for a real UHVAC power transmission project. International Transactions on Electrical Energy Systems, 2015, 25, 1223-1240.	1.9	0
62	A method to improve reactive reserve management with respect to voltage stability. , 2015, , .		0
63	Demand response and wind farm integrated economic dispatch in power system. , 2015, , .		0
64	An improved voltage stability assessment for power system with HVDC. , 2015, , .		0
65	A Novel Comprehensive Economic Evaluation Method of Ultra High Voltage Transmission Network. , 2018, , .		0