

Zhaohong Bie

List of Publications by Year in descending order

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200
papers

4,912
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136950

32
h-index

102487

66
g-index

200
all docs

200
docs citations

200
times ranked

3303
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative Operation of Power and Hydrogen Energy Systems With HFCV Demand Response. IEEE Transactions on Industry Applications, 2022, 58, 2630-2639.	4.9	11
2	Robust Pricing of Energy and Ancillary Services in Combined Electricity and Natural Gas Markets. IEEE Transactions on Power Systems, 2022, 37, 603-616.	6.5	13
3	Resilient service restoration for distribution systems with mobile resources using Floyd-based network simplification method. IET Generation, Transmission and Distribution, 2022, 16, 414-429.	2.5	11
4	Service Restoration for Resilient Distribution Systems Coordinated With Damage Assessment. IEEE Transactions on Power Systems, 2022, 37, 3792-3804.	6.5	14
5	Resilience Metrics for Integrated Power and Natural Gas Systems. IEEE Transactions on Smart Grid, 2022, 13, 2483-2486.	9.0	14
6	An online resilience assessment method for islanded distribution systems considering uncertainty of intermittent RESs and loads. Energy Reports, 2022, 8, 639-649.	5.1	3
7	Dynamic MGs-based load restoration for resilient urban power distribution systems considering intermittent RESs and droop control. International Journal of Electrical Power and Energy Systems, 2022, 140, 107975.	5.5	11
8	Preventive control of successive failures in extreme weather for power system resilience enhancement. IET Generation, Transmission and Distribution, 2022, 16, 3245-3255.	2.5	3
9	Cooperative Planning of Distributed Renewable Energy Assisted 5G Base Station With Battery Swapping System. IEEE Access, 2021, 9, 119353-119366.	4.2	6
10	A Reliability Model for Integrated Energy System Considering Multi-energy Correlation. Journal of Modern Power Systems and Clean Energy, 2021, 9, 811-825.	5.4	16
11	Distributed accelerated descent algorithm for energy resource coordination in multi-agent integrated energy systems. IET Generation, Transmission and Distribution, 2021, 15, 1884-1896.	2.5	5
12	Co-optimization planning of integrated electricity and district heating systems based on improved quadratic convex relaxation. Applied Energy, 2021, 285, 116439.	10.1	31
13	Fast supply reliability evaluation of integrated power-gas system based on stochastic capacity network model and importance sampling. Reliability Engineering and System Safety, 2021, 208, 107452.	8.9	15
14	FCM based Demand Response Baseline Load Estimation Using Smart Meter Data. , 2021, , .		1
15	Reliability evaluation of multi-agent integrated energy systems with fully distributed communication. Energy, 2021, 224, 120123.	8.8	18
16	Dynamic Microgrids Formation for Resilient Distribution Systems with Transient Simulation-Based Verification and Feedback. , 2021, , .		0
17	Coordinated post-contingency dispatch of integrated energy system with multiple participants based on distributed energy trading. International Journal of Electrical Power and Energy Systems, 2021, 130, 107011.	5.5	8
18	Optimal bid-offer strategy for a virtual energy storage merchant: A stochastic bi-level model with all-scenario feasibility. Applied Energy, 2021, 299, 117270.	10.1	5

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19	Proactive repair crew deployment to improve transmission system resilience against hurricanes. IET Generation, Transmission and Distribution, 2021, 15, 870-882.	2.5	6
20	A precondition generalized minimization residual method based on GPU for static security analysis. , 2021, , .		0
21	How Can Dynamic MGs Benefit Distribution System Resilience in Hurricanes? A Quantitative Evaluation. , 2021, , .		0
22	Fast Cumulant Method for Probabilistic Power Flow Considering the Nonlinear Relationship of Wind Power Generation. IEEE Transactions on Power Systems, 2020, 35, 2537-2548.	6.5	44
23	Bi-level planning for integrated electricity and natural gas systems with wind power and natural gas storage. International Journal of Electrical Power and Energy Systems, 2020, 118, 105738.	5.5	42
24	Trading Model Combining Electricity, Heating, and Cooling Under Multi-energy Demand Response. Journal of Modern Power Systems and Clean Energy, 2020, 8, 133-141.	5.4	17
25	Machine learning-based reliability evaluation framework for power distribution networks. IET Generation, Transmission and Distribution, 2020, 14, 2282-2291.	2.5	16
26	Risk assessment of integrated electricity and heat system with independent energy operators based on Stackelberg game. Energy, 2020, 198, 117349.	8.8	32
27	Corrective Security-Constrained Optimal Power and Gas Flow with Distributed Energy Storage. , 2020, , .		1
28	Coordinate Mid-term Dispatch Model of Integrated Electricity and Railway System Considering Single Track Constraints. , 2020, , .		2
29	Co-Optimization Scheduling of Electricity and Natural Gas Systems Considering Railway Transportation. , 2020, , .		1
30	Data-driven real-time risk assessment of resilient distribution system during typhoon weather. , 2020, , .		0
31	Joint Economic Dispatch of Integrated Electricity-Gas Energy System and Double-track Freight Railway Network. , 2020, , .		0
32	Resilience-Based Optimal Placement Method for Integrated Electricity and Gas Energy System. , 2020, , .		1
33	Resilience-based Hardening Approach for Integrated Power and Natural Gas Systems. , 2020, , .		1
34	A Chance-constrained Optimal Power Flow Model Based on Second-order Cone. , 2020, , .		2
35	Day-ahead economic dispatch for integrated multi-energy microgrid considering distributed agents. CIRED - Open Access Proceedings Journal, 2020, 2020, 576-579.	0.1	1
36	Market mechanism for DSO-based distribution system considering uncertainties by scenario tree. CIRED - Open Access Proceedings Journal, 2020, 2020, 675-678.	0.1	0

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37	Reliability-based planning of district integrated energy system considering distributed energy storage and demand response. CIRE - Open Access Proceedings Journal, 2020, 2020, 113-116.	0.1	0
38	Incentivising ancillary service provision of prosumers via a generalised profit-sharing mechanism within microgrids. CIRE - Open Access Proceedings Journal, 2020, 2020, 765-768.	0.1	0
39	Flexible coordination strategy against uncertainties in the local energy market. CIRE - Open Access Proceedings Journal, 2020, 2020, 410-413.	0.1	0
40	Day-Ahead Dispatch of Integrated Electricity and Natural Gas System Considering Reserve Scheduling and Renewable Uncertainties. IEEE Transactions on Sustainable Energy, 2019, 10, 646-658.	8.8	108
41	Component importance assessment of power systems for improving resilience under wind storms. Journal of Modern Power Systems and Clean Energy, 2019, 7, 676-687.	5.4	27
42	An Iteration Method for Optimal Energy Flow of Combined Heating and Electricity System. , 2019, , .		1
43	Robust dispatch for Integrated Electricity and Natural Gas System Considering Wind Power Uncertainty. Energy Procedia, 2019, 159, 130-135.	1.8	8
44	Impact of Microgrid Aggregator on Joint Energy and Reserve Market Based on Pure Strategy Nash Equilibrium. Energy Procedia, 2019, 159, 142-147.	1.8	4
45	Policy Implication on Distributed Generation PV Trading in China. Energy Procedia, 2019, 159, 436-441.	1.8	7
46	ADMM-Based Multiperiod Optimal Energy Flow of A Regional Integrated Multi-Energy Microgrid. Energy Procedia, 2019, 159, 180-185.	1.8	9
47	A Copula Function Based Monte Carlo Simulation Method of Multivariate Wind Speed and PV Power Spatio-Temporal Series. Energy Procedia, 2019, 159, 213-218.	1.8	20
48	Optimal Allocation Planning for Public EV Charging Station Considering AC and DC Integrated Chargers. Energy Procedia, 2019, 159, 382-387.	1.8	22
49	Evaluating National Multi-energy System Based on General Modeling Method. Energy Procedia, 2019, 159, 321-326.	1.8	4
50	Optimal Real-Time Pricing of Electricity Based on Demand Response. Energy Procedia, 2019, 159, 304-308.	1.8	19
51	Distribution System Reliability Assessment Considering Cyber-Physical Integration. Energy Procedia, 2019, 158, 2655-2662.	1.8	10
52	A Combined Repair Crew Dispatch Problem for Resilient Electric and Natural Gas System Considering Reconfiguration and DG Islanding. IEEE Transactions on Power Systems, 2019, 34, 2755-2767.	6.5	90
53	Design of Electric Power Spot Market Mechanism to Promote Renewable Energy Consumption. , 2019, , .		2
54	Research on the Developing Mode and its Evaluation Index System for Future Power Systems. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
55	A Combined Operation Mode of Wind Power, Gas-fired Power and Pumped Storage. , 2019, , .		0
56	Robust Unit Commitment in Integrated Electricity and Dynamic Natural Gas System Considering Gas Storage. , 2019, , .		1
57	Regional Marginal Price Mechanism in the China Northwest Power Grid. , 2019, , .		1
58	Analysis of heating and electrical loads Based on Auto-encoder for Integrated park. , 2019, , .		1
59	Charging Price Determination and Energy Management of EV Parking Lot Considering Price Elasticity. , 2019, , .		5
60	Reserve Allocation of Integrated Electrical and Natural Gas System Considering Accurate Modelling for CCGTsâ€™ Mode Transition Trajectories. , 2019, , .		0
61	Risk Assessment on Combined Natural Gas System and power System with Storage Device. , 2019, , .		0
62	Reliability Evaluation of AC-DC Hybrid Grid Based on State Enumeration Method. , 2019, , .		1
63	An Analysis Method of Electric-thermal Load Coupling Relationship of Park Based on Fusion Feature. , 2019, , .		1
64	Evaluation on Renewable Energy Integration Capability Considering Heat and Power Coupling. , 2019, , .		0
65	Research on the Electricity Energy Pool Trading and Its Price Mechanism. , 2019, , .		0
66	Modelling in Combined Heat and Power System Considering Distribution Network Loss. , 2019, , .		0
67	Power procurement strategies of retailer considering demand response program. , 2019, , .		1
68	Resilience Modeling and Assessment for Power Distribution Systems Under Typhoon Disasters. , 2019, , .		5
69	Study on Day-ahead Clearing Model of Spot Electricity Market Containing Renewable Energy. , 2019, , .		1
70	Look-ahead dispatch considering the integrated carbon and electricity network constraints. , 2019, , .		2
71	Energy and Reserve Co-Optimization for Combined Electricity and Natural Gas Market. , 2019, , .		3
72	Enhanced Probabilistic Power Flow Method Considering Multiple Stochastic Factors and Their Correlations. , 2019, , .		1

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73	Hybrid Energy Flow Calculation for Electric-Thermal Coupling System Based on Inexact Newton Method. , 2019, , .		2
74	A Scenario-based Storage Planning Framework with Probabilistic Guarantees. , 2019, , .		2
75	A Reliability-based DG Planning Method against Ice Storm Weather. , 2019, , .		2
76	Toward a Synthetic Model for Distribution System Restoration and Crew Dispatch. IEEE Transactions on Power Systems, 2019, 34, 2228-2239.	6.5	67
77	Reliability-Oriented Networking Planning for Meshed VSC-HVDC Grids. IEEE Transactions on Power Systems, 2019, 34, 1342-1351.	6.5	20
78	Mixed-Integer Linear Programming-Based Splitting Strategies for Power System Islanding Operation Considering Network Connectivity. IEEE Systems Journal, 2018, 12, 350-359.	4.6	61
79	Reliability Evaluation of Smart Distribution Systems Considering Load Rebound Characteristics. IEEE Transactions on Sustainable Energy, 2018, 9, 1713-1721.	8.8	28
80	A Data-Driven Stochastic Reactive Power Optimization Considering Uncertainties in Active Distribution Networks and Decomposition Method. IEEE Transactions on Smart Grid, 2018, 9, 4994-5004.	9.0	97
81	Multi-Stage Stochastic Programming With Nonanticipativity Constraints for Expansion of Combined Power and Natural Gas Systems. IEEE Transactions on Power Systems, 2018, 33, 317-328.	6.5	151
82	Tri-level optimal hardening plan for a resilient distribution system considering reconfiguration and DG islanding. Applied Energy, 2018, 210, 1266-1279.	10.1	173
83	Robust Co-Optimization Planning of Interdependent Electricity and Natural Gas Systems With a Joint N-1 and Probabilistic Reliability Criterion. IEEE Transactions on Power Systems, 2018, 33, 2140-2154.	6.5	127
84	Interaction Strategy of User Side Storage Devices for the Day-Ahead Dispatch of Distributed Integrated Energy Systems. , 2018, , .		2
85	A New Model for Resilient Distribution Systems by Microgrids Formation. , 2018, , .		2
86	Post-disaster Power System Resilience Enhancement Considering Repair Process. , 2018, , .		2
87	Optimal Expansion Planning of Multi-energy Generations and Natural Gas Storages in Integrated Energy System. , 2018, , .		4
88	Interface Design of Power System Evaluation Platform with High Penetration of Renewable Energy. , 2018, , .		0
89	Renewable Energy Accommodation Capability Evaluation of Power System with Wind Power and Photovoltaic Integration. IFAC-PapersOnLine, 2018, 51, 55-60.	0.9	10
90	Multi-Microgrids for Enhancing Power System Resilience in Response to the Increasingly Frequent Natural Hazards. IFAC-PapersOnLine, 2018, 51, 61-66.	0.9	17

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91	Comparison of Different Methods in Stochastic Power Flow with Correlated Wind Power Generation. IFAC-PapersOnLine, 2018, 51, 67-72.	0.9	2
92	An Enhanced Probabilistic Power Flow Method for Correlation Mining of Voltages and Transmission Powers Considering Correlated Wind Sources. , 2018, , .		0
93	Long-Term Cross-border Electricity Trading Considering the Uncertainty of Wind Power. , 2018, , .		0
94	A Fuzzy Probabilistic Power Flow Method Based on Fuzzy Copula Model. , 2018, , .		1
95	A Hierarchical Optimization Model for Multi-Microgrids to Enhance Power System Resilience. , 2018, , .		3
96	MILP-Based Combined Power and Natural Gas System Risk Assessment in Energy Internet. , 2018, , .		3
97	Curtailment of renewable energy in Northwest China and market-based solutions. Energy Policy, 2018, 123, 494-502.	8.8	67
98	Integrated Demand Response for Multi-Energy Load Serving Entity. , 2018, , .		2
99	A Mixed-Integer Linear Programming Approach to Security-Constrained Co-Optimization Expansion Planning of Natural Gas and Electricity Transmission Systems. IEEE Transactions on Power Systems, 2018, 33, 6368-6378.	6.5	70
100	A New Model for Resilient Distribution Systems by Microgrids Formation. IEEE Transactions on Power Systems, 2017, 32, 4145-4147.	6.5	178
101	A Novel Linearization Variant of Reliability Costs in the Optimal Scheduling Model. IEEE Transactions on Power Systems, 2017, 32, 4140-4142.	6.5	7
102	An effective Lightning Flash Algorithm solution to large scale non-convex economic dispatch with valve-point and multiple fuel options on generation units. Energy, 2017, 129, 1-15.	8.8	45
103	A resilient microgrid formation strategy for load restoration considering master-slave distributed generators and topology reconfiguration. Applied Energy, 2017, 199, 205-216.	10.1	246
104	Energy-Reserve Co-Optimization for Energy Internet Considering Reserve Control Zone Determination. , 2017, , .		3
105	Battling the Extreme: A Study on the Power System Resilience. Proceedings of the IEEE, 2017, 105, 1253-1266.	21.3	481
106	A Bilevel Optimization Model for Risk Assessment and Contingency Ranking in Transmission System Reliability Evaluation. IEEE Transactions on Power Systems, 2017, 32, 3803-3813.	6.5	58
107	Day-ahead optimal dispatch for wind integrated power system considering zonal reserve requirements. Applied Energy, 2017, 188, 399-408.	10.1	51
108	A second order cone based relaxation and decomposition algorithm for multi-period reactive power optimization considering uncertain PV integration in active distribution networks. , 2017, , .		2

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109	Unified probabilistic gas and power flow. Journal of Modern Power Systems and Clean Energy, 2017, 5, 400-411.	5.4	35
110	Mixed Integer Second Order Cone Relaxation With Dynamic Simulation for Proper Power System Islanding Operations. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2017, 7, 295-306.	3.6	15
111	A Two-Stage Robust Optimization for Centralized-Optimal Dispatch of Photovoltaic Inverters in Active Distribution Networks. IEEE Transactions on Sustainable Energy, 2017, 8, 744-754.	8.8	156
112	Optimal Selection of Phase Shifting Transformer Adjustment in Optimal Power Flow. IEEE Transactions on Power Systems, 2017, 32, 2464-2465.	6.5	29
113	Reliability Model of MMC Considering Periodic Preventive Maintenance. IEEE Transactions on Power Delivery, 2017, 32, 1535-1544.	4.3	51
114	Sensitivity-based relaxation and decomposition method to dynamic reactive power optimisation considering DGs in active distribution networks. IET Generation, Transmission and Distribution, 2017, 11, 37-48.	2.5	26
115	A novel reliability evaluation method of AC/DC hybrid power system with the injection of wind power. , 2017, , .		5
116	Short-term load forecasting based on higher order partial least squares (HOPLS). , 2017, , .		1
117	The integrated reliability evaluation of distribution system considering the system voltages adjustment. , 2017, , .		3
118	Reliability evaluation of AC/DC hybrid power grid considering transient security constraints. , 2017, , .		3
119	A novel linear correlation clustering method for stochastic power flow studies. , 2017, , .		1
120	Scenario generation and reduction methods for power flow examination of transmission expansion planning. , 2017, , .		7
121	Annual renewable energy planning platform: Methodology and design. , 2017, , .		6
122	Study on regional hydropower accommodation and improvement measures in power system. , 2017, , .		0
123	Long-term wind accommodation of interconnected power grids via HVDC tie-line based on aggregate unit model. , 2017, , .		5
124	An MILP-based optimal energy flow of regional multiple energy network. , 2017, , .		1
125	Long-term transnational power transaction model considering political risk for Northeast Asia in presence of global energy internet. , 2017, , .		1
126	A Hybrid Reliability Evaluation Method for Meshed VSC-HVDC Grids. Energies, 2017, 10, 895.	3.1	7

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127	A new framework for the wind power curtailment and absorption evaluation. International Transactions on Electrical Energy Systems, 2016, 26, 2134-2147.	1.9	6
128	Sequential power flow simulation of integrated dynamic wireless power transfer systems. , 2016, , .		0
129	Application of improved point estimate method on multi-objective transmission network expansion planning. , 2016, , .		0
130	A three-stage CE-IS Monte Carlo algorithm for highly reliable composite system reliability evaluation based on screening method. , 2016, , .		2
131	Evaluation of power grids' renewable energy accommodation capacity considering wind power and photovoltaic power. , 2016, , .		11
132	Optimal power flow with Series Static Voltage Restorer (SSVR) in distribution systems considering PV integration. , 2016, , .		2
133	Optimizing spinning reserve requirement of power system with transmission line fault. , 2016, , .		1
134	A comprehensive reliability assessment index system for regional grid with a large renewable energy penetration. , 2016, , .		2
135	Coordinated charging strategy of electric vehicle charging station based on combination of linear power flow and genetic algorithm. , 2016, , .		6
136	Charging load forecasting of electric vehicle charging station based on support vector regression. , 2016, , .		6
137	Optimal power flow based control of microgrids providing Volt/VAR services. , 2016, , .		1
138	Optimal Allocation of Reactive Power Compensators and Energy Storages in Microgrids Considering Uncertainty of Photovoltaics. Energy Procedia, 2016, 103, 165-170.	1.8	10
139	Study on the Resilience of the Integrated Energy System. Energy Procedia, 2016, 103, 171-176.	1.8	69
140	Zonal Reserve Model for Renewable Power Integrated System. Energy Procedia, 2016, 103, 177-182.	1.8	0
141	Research on the comprehensive evaluation method and index system of power network planning. , 2016, , .		2
142	Three approaches to use Cross-Entropy in reliability evaluation of composite system with high generation wind energy. , 2016, , .		1
143	Production simulation of power systems considering the forecast error of renewable energy. , 2016, , .		4
144	Lift-and-project MVEE based convex hull for robust SCED with wind power integration using historical data-driven modeling approach. Renewable Energy, 2016, 92, 415-427.	8.9	30

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145	Robust Co-Optimization to Energy and Ancillary Service Joint Dispatch Considering Wind Power Uncertainties in Real-Time Electricity Markets. IEEE Transactions on Sustainable Energy, 2016, 7, 1547-1557.	8.8	69
146	Researches on the reliability evaluation of integrated energy system based on Energy Hub. , 2016, , .		8
147	A new method to evaluate maximum capacity of photovoltaic integration considering network topology reconfiguration. , 2016, , .		0
148	Parallel Augmented Lagrangian Relaxation for Multi- Period Economic Dispatch Using Diagonal Quadratic Approximation Method. IEEE Transactions on Power Systems, 2016, , 1-1.	6.5	22
149	Integrated generation and transmission expansion planning with carbon capture operating constraints. , 2016, , .		1
150	Optimal reserve model with risk and emergency power control constraint. , 2016, , .		0
151	A multi-level adaptive GP-VM algorithm for composite system reliability evaluation considering rare events. , 2016, , .		0
152	A Geometric Programming to Importance Sam-pling for Power System Reliability Evaluation. IEEE Transactions on Power Systems, 2016, , 1-1.	6.5	9
153	Microgrids for Enhancing the Power Grid Resilience in Extreme Conditions. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	122
154	An NSGA-II based multi-objective optimization for combined gas and electricity network expansion planning. Applied Energy, 2016, 167, 280-293.	10.1	142
155	Assessing wind curtailment under different wind capacity considering the possibilistic uncertainty of wind resources. Electric Power Systems Research, 2016, 132, 39-46.	3.6	10
156	Fuzzy copula model for wind speed correlation and its application in wind curtailment evaluation. Renewable Energy, 2016, 93, 68-76.	8.9	29
157	A Two-Stage Robust Reactive Power Optimization Considering Uncertain Wind Power Integration in Active Distribution Networks. IEEE Transactions on Sustainable Energy, 2016, 7, 301-311.	8.8	303
158	Reliability evaluation of integrated energy systems based on smart agent communication. Applied Energy, 2016, 167, 397-406.	10.1	111
159	Adjustable robust optimal power flow with the price of robustness for large-scale power systems. IET Generation, Transmission and Distribution, 2016, 10, 164-174.	2.5	30
160	Optimal scheduling of power systems considering demand response. Journal of Modern Power Systems and Clean Energy, 2016, 4, 180-187.	5.4	23
161	Customer satisfaction based reliability evaluation of active distribution networks. Applied Energy, 2016, 162, 1571-1578.	10.1	46
162	The design and optimization of the urban residential electricity packages for a load serving entity. , 2016, , .		1

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163	Optimal wind capacity integration considering the possibilistic uncertainty of wind resources. , 2015, , .		0
164	The influence of commutation failures on the reliability of HVDC transmission systems. , 2015, , .		1
165	Power portfolio optimization considering inter-regional power exchange and base load exchange. , 2015, , .		0
166	Robust Distribution Network Reconfiguration. IEEE Transactions on Smart Grid, 2015, 6, 836-842.	9.0	133
167	Extracting Rare Failure Events in Composite System Reliability Evaluation Via Subset Simulation. IEEE Transactions on Power Systems, 2015, 30, 753-762.	6.5	45
168	Effects of wind speed probabilistic and possibilistic uncertainties on generation system adequacy. IET Generation, Transmission and Distribution, 2015, 9, 339-347.	2.5	19
169	An Overview of Rural Electrification in China: History, technology, and emerging trends. IEEE Electrification Magazine, 2015, 3, 36-47.	1.8	27
170	Long-Term Maintenance Scheduling of Smart Distribution System through a PSO-TS Algorithm. Journal of Applied Mathematics, 2014, 2014, 1-12.	0.9	10
171	Probability modeling on multiple time scales of wind power based on wind speed data. , 2014, , .		0
172	Reliability Evaluation of Active Distribution Networks Considering Customer Satisfaction. Energy Procedia, 2014, 61, 591-594.	1.8	1
173	Real-time energy management strategies for microgrids. , 2014, , .		3
174	Multiobjective Transmission Network Planning considering the Uncertainty and Correlation of Wind Power. Journal of Applied Mathematics, 2014, 2014, 1-12.	0.9	3
175	Risk Analysis for Distribution Systems in the Northeast U.S. Under Wind Storms. IEEE Transactions on Power Systems, 2014, 29, 889-898.	6.5	157
176	Reliability modeling and evaluation of VSC-HVDC transmission systems. , 2014, , .		19
177	A method for evaluating reserve capacity in middle and long term electric power balance. , 2014, , .		0
178	A New Method for Active Power Dispatch in Wind Farms. Energy Procedia, 2014, 61, 747-750.	1.8	0
179	Eliminating Redundant Line Flow Constraints in Composite System Reliability Evaluation. IEEE Transactions on Power Systems, 2013, 28, 3490-3498.	6.5	17
180	A probabilistic method of operational reserve evaluation using Monte Carlo simulation. , 2013, , .		0

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181	Reliability assessment of distribution power systems considering the TOU pricing. , 2013, , .		6
182	A generalized data preprocessing method for wind power prediction. , 2013, , .		1
183	Adequacy evaluation of generating system recognizing random fuzzy wind speed. , 2013, , .		4
184	Coordinated charging strategy for battery switch station considering battery charging characteristics. , 2013, , .		0
185	Smart Grid in China: a promising solution to China's energy and environmental issues. International Journal of Environmental Studies, 2013, 70, 702-718.	1.6	5
186	Analysis of wind power integration capacity in wind-hydro-thermal hybrid power system. , 2012, , .		7
187	From Mathematical Analysis to Experimental Calculation: Teaching Three-Phase Short-Circuits of a Synchronous Generator. International Journal of Electrical Engineering and Education, 2012, 49, 444-463.	0.8	1
188	A novel formulation for unit commitment with wind power considering production cost of every generator. , 2012, , .		0
189	Ice Flashover Trips Vulnerability Curve of Power Grid. , 2012, , .		0
190	Characteristics Analysis and Risk Modeling of Ice Flashover Fault in Power Grids. IEEE Transactions on Power Delivery, 2012, 27, 1301-1312.	4.3	9
191	Reliability Evaluation of Active Distribution Systems Including Microgrids. IEEE Transactions on Power Systems, 2012, 27, 2342-2350.	6.5	194
192	Optimal generation scheduling of a microgrid. , 2012, , .		22
193	A new framework of probabilistic production simulation of power systems with wind energy resources. , 2012, , .		4
194	Reliability evaluation of distribution systems including micro-grids considering demand response and energy storage. , 2012, , .		9
195	Reliability Assessment of Distribution Networks with Distributed Generations using Monte Carlo Method. Energy Procedia, 2011, 12, 278-286.	1.8	26
196	Studies on Sensor-Less Hysteretic Multi-Scalar Control of Doubly Fed Machine for Wind Power Generators. Energy Procedia, 2011, 12, 741-751.	1.8	2
197	Studies on models and algorithms of the power system probabilistic production simulation integrated with wind farm. , 2009, , .		15
198	Studies on Voltage Fluctuation in the Integration of Wind Power plants Using Probabilistic Load Flow. , 2008, , .		27

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199	Evaluation of power system cascading outages. , 0, , .		12
200	Study, on calculation of probabilistic available transfer capability. , 0, , .		11