

Qing Xia

List of Publications by Year in descending order

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187
papers

9,873
citations

30070

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191
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times ranked

6131
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracting Umbrella Constraint-Based Representation of Local Electricity Markets. IEEE Transactions on Smart Grid, 2023, 14, 1632-1641.	9.0	6
2	Open-Access Data and Toolbox for Tracking COVID-19 Impact on Power Systems. IEEE Transactions on Power Systems, 2023, 38, 1619-1631.	6.5	1
3	Estimating Demand Flexibility Using Siamese LSTM Neural Networks. IEEE Transactions on Power Systems, 2022, 37, 2360-2370.	6.5	12
4	Mechanism Design for Sharing Economy. , 2022, , 27-52.		0
5	Sharing Non-wire Alternatives for Transmission Expansion Deferral. , 2022, , 227-269.		0
6	Sharing Economy in Energy Markets. , 2022, , .		2
7	Sharing Economy for Renewable Energy Aggregation. , 2022, , 107-142.		1
8	Information and Communication Technology for Sharing Economy. , 2022, , 271-318.		0
9	Sharing Economy in Energy Systems Integration. , 2022, , 143-193.		0
10	Sharing Demand Side Resources for Regional Market Bidding. , 2022, , 195-225.		0
11	Sharing Economy in Electricity Spot Markets. , 2022, , 53-77.		0
12	Enlarging flexibility region of virtual power plant via dynamic line rating. IET Renewable Power Generation, 2022, 16, 751-760.	3.1	3
13	Bidding behaviors of GENCOs under bounded rationality with renewable energy. Energy, 2022, 250, 123793.	8.8	12
14	A blockchain consensus mechanism that uses Proof of Solution to optimize energy dispatch and trading. Nature Energy, 2022, 7, 495-502.	39.5	39
15	Integrating biogas in regional energy systems to achieve near-zero carbon emissions. Applied Energy, 2022, 322, 119515.	10.1	20
16	Non-Iterative Multi-Area Coordinated Dispatch via Condensed System Representation. IEEE Transactions on Power Systems, 2021, 36, 1594-1604.	6.5	16
17	Deep Inverse Reinforcement Learning for Objective Function Identification in Bidding Models. IEEE Transactions on Power Systems, 2021, 36, 5684-5696.	6.5	18
18	Forecast Aggregated Supply Curves in Power Markets Based On LSTM Model. IEEE Transactions on Power Systems, 2021, 36, 5767-5779.	6.5	14

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19	Quantitative assessment of U.S. bulk power systems and market operations during the COVID-19 pandemic. <i>Applied Energy</i> , 2021, 286, 116354.	10.1	40
20	Exploring Integrated Demand Elasticity for Market Power Mitigation. , 2021, , .		0
21	Efficiency Loss for Variable Renewable Energy Incurred by Competition in Electricity Markets. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 1951-1964.	8.8	19
22	A Block-of-Use Electricity Retail Pricing Approach Based on the Customer Load Profile. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 1500-1509.	9.0	11
23	Incorporating Massive Scenarios in Transmission Expansion Planning With High Renewable Energy Penetration. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 1061-1074.	6.5	58
24	Power trading region considering long-term contract for interconnected power networks. <i>Applied Energy</i> , 2020, 261, 114411.	10.1	13
25	Constraining the oligopoly manipulation in electricity market: A vertical integration perspective. <i>Energy</i> , 2020, 194, 116877.	8.8	10
26	Modeling Strategic Behaviors of Renewable Energy With Joint Consideration on Energy and Tradable Green Certificate Markets. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 1898-1910.	6.5	64
27	A Data-Driven Pattern Extraction Method for Analyzing Bidding Behaviors in Power Markets. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 3509-3521.	9.0	19
28	Incentive Mechanism for Clearing Energy and Reserve Markets in Multi-Area Power Systems. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 2470-2482.	8.8	64
29	Exploring the trade-offs between electric heating policy and carbon mitigation in China. <i>Nature Communications</i> , 2020, 11, 6054.	12.8	198
30	Estimating the Robust P-Q Capability of a Technical Virtual Power Plant Under Uncertainties. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 4285-4296.	6.5	56
31	Integrating Heterogeneous Demand Response into N-1 Security Assessment by Multi-Parametric Programming. , 2020, , .		4
32	Neural-network-based Lagrange multiplier selection for distributed demand response in smart grid. <i>Applied Energy</i> , 2020, 264, 114636.	10.1	34
33	Electricity Pricing Under Constraint Violations. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 2794-2803.	6.5	8
34	A Unit Commitment Algorithm With Relaxation-Based Neighborhood Search and Improved Relaxation Inducement. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 3800-3809.	6.5	11
35	Power market reform in China: Motivations, progress, and recommendations. <i>Energy Policy</i> , 2020, 145, 111717.	8.8	73
36	Reliability Value of Distributed Solar+Storage Systems Amidst Rare Weather Events. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4476-4486.	9.0	47

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37	Modeling the Operation Mechanism of Combined P2G and Gas-Fired Plant With CO ₂ Recycling. IEEE Transactions on Smart Grid, 2019, 10, 1111-1121.	9.0	98
38	Operation of a High Renewable Penetrated Power System With CSP Plants: A Look-Ahead Stochastic Unit Commitment Model. IEEE Transactions on Power Systems, 2019, 34, 140-151.	6.5	106
39	Electricity wholesale market equilibrium analysis integrating individual risk-averse features of generation companies. Applied Energy, 2019, 252, 113443.	10.1	22
40	Incentivizing distributed energy resource aggregation in energy and capacity markets: An energy sharing scheme and mechanism design. Applied Energy, 2019, 252, 113471.	10.1	120
41	Incentive mechanism for sharing distributed energy resources. Journal of Modern Power Systems and Clean Energy, 2019, 7, 837-850.	5.4	55
42	Enforcing Intra-Regional Constraints in Tie-Line Scheduling: A Projection-Based Framework. IEEE Transactions on Power Systems, 2019, 34, 4751-4761.	6.5	46
43	Market Power Mitigation Clearing Mechanism Based on Constrained Bidding Capacities. IEEE Transactions on Power Systems, 2019, 34, 4817-4827.	6.5	30
44	Embed Neural Network in Optimization Model: An Application of Demand Response Aggregation Under Information Asymmetry. , 2019, , .		4
45	The Role of Concentrating Solar Power Toward High Renewable Energy Penetrated Power Systems. , 2019, , .		1
46	A General Formulation of Linear Power Flow Models: Basic Theory and Error Analysis. IEEE Transactions on Power Systems, 2019, 34, 1315-1324.	6.5	121
47	A High-Efficiency Network-Constrained Clustered Unit Commitment Model for Power System Planning Studies. IEEE Transactions on Power Systems, 2019, 34, 2498-2508.	6.5	63
48	Mapping between transmission constraint penalty factor and OPF solution in electricity markets: analysis and fast calculation. Energy, 2019, 168, 1181-1191.	8.8	5
49	A Novel Combined Data-Driven Approach for Electricity Theft Detection. IEEE Transactions on Industrial Informatics, 2019, 15, 1809-1819.	11.3	175
50	MPLP-Based Fast Power System Reliability Evaluation Using Transmission Line Status Dictionary. IEEE Transactions on Power Systems, 2019, 34, 1630-1640.	6.5	27
51	Standardized Matrix Modeling of Multiple Energy Systems. IEEE Transactions on Smart Grid, 2019, 10, 257-270.	9.0	164
52	Exploring Key Weather Factors From Analytical Modeling Toward Improved Solar Power Forecasting. IEEE Transactions on Smart Grid, 2019, 10, 1417-1427.	9.0	122
53	Modeling Carbon Emission Flow in Multiple Energy Systems. IEEE Transactions on Smart Grid, 2019, 10, 3562-3574.	9.0	130
54	An Ensemble Forecasting Method for the Aggregated Load With Subprofiles. IEEE Transactions on Smart Grid, 2018, 9, 3906-3908.	9.0	160

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55	Month ahead average daily electricity price profile forecasting based on a hybrid nonlinear regression and SVM model: an ERCOT case study. <i>Journal of Modern Power Systems and Clean Energy</i> , 2018, 6, 281-291.	5.4	28
56	Economic Benefits of Integrating Solar-Powered Heat Pumps Into a CHP System. <i>IEEE Transactions on Sustainable Energy</i> , 2018, 9, 1702-1712.	8.8	37
57	Tri-Level Expansion Planning for Transmission Networks and Distributed Energy Resources Considering Transmission Cost Allocation. <i>IEEE Transactions on Sustainable Energy</i> , 2018, 9, 1844-1856.	8.8	45
58	Data-Driven Probabilistic Net Load Forecasting With High Penetration of Behind-the-Meter PV. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 3255-3264.	6.5	194
59	Scenario Map Based Stochastic Unit Commitment. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 4694-4705.	6.5	34
60	Economic justification of concentrating solar power in high renewable energy penetrated power systems. <i>Applied Energy</i> , 2018, 222, 649-661.	10.1	76
61	An Efficient Approach to Power System Uncertainty Analysis With High-Dimensional Dependencies. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 2984-2994.	6.5	119
62	Steady-State Power Flow Model of Energy Router Embedded AC Network and Its Application in Optimizing Power System Operation. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 4828-4837.	9.0	72
63	Optimal Planning Strategy for Distributed Energy Resources Considering Structural Transmission Cost Allocation. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 5236-5248.	9.0	30
64	Decision-Making Models for the Participants in Cloud Energy Storage. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 5512-5521.	9.0	116
65	Optimal Power Flow in AC-DC Grids With Discrete Control Devices. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 1461-1472.	6.5	68
66	A Linearized OPF Model With Reactive Power and Voltage Magnitude: A Pathway to Improve the MW-Only DC OPF. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 1734-1745.	6.5	211
67	Effect of Natural Gas Flow Dynamics in Robust Generation Scheduling Under Wind Uncertainty. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 2087-2097.	6.5	119
68	A monthly electricity consumption forecasting method based on vector error correction model and self-adaptive screening method. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 95, 427-439.	5.5	44
69	Fundamental Review of the OPF Problem: Challenges, Solutions, and State-of-the-Art Algorithms. <i>Journal of Energy Engineering - ASCE</i> , 2018, 144, .	1.9	22
70	Market equilibrium analysis with high penetration of renewables and gas-fired generation: An empirical case of the Beijing-Tianjin-Tangshan power system. <i>Applied Energy</i> , 2018, 227, 384-392.	10.1	19
71	Incentive Mechanism for Cooperative Energy Sharing. , 2018, , .		5
72	A Market-Power-Controlled Spot Market Clearing Mechanism Based on Residual Supply Index. , 2018, , .		1

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73	A Fast Algorithm to Calculate LMP Difference Caused by Virtual Bidding in Day-ahead Electricity Market. , 2018, , .		0
74	A State-Independent Linear Power Flow Model with Accurate Estimation of Voltage Magnitude. , 2018, , .		2
75	Bi-Level Electricity Market Design with Boundary Equivalence of Interior Security Constraints. , 2018, , .		5
76	Linearized Model for Active and Reactive LMP Considering Bus Voltage Constraints. , 2018, , .		5
77	The Reserve Sharing Mechanism Among Interconnected Power Grids Based on Block Chain. , 2018, , .		0
78	The Role of Concentrating Solar Power Toward High Renewable Energy Penetrated Power Systems. IEEE Transactions on Power Systems, 2018, 33, 6630-6641.	6.5	183
79	Decentralized Multi-Area Look-Ahead Dispatch for Cross-Regional Renewable Accomodation. , 2018, , .		0
80	Decentralized Intraday Generation Scheduling for Multiarea Power Systems via Dynamic Multiplier-Based Lagrangian Relaxation. IEEE Transactions on Power Systems, 2017, 32, 454-463.	6.5	35
81	LMP Revisited: A Linear Model for the Loss-Embedded LMP. IEEE Transactions on Power Systems, 2017, 32, 4080-4090.	6.5	50
82	Distributed real-time demand response based on Lagrangian multiplier optimal selection approach. Applied Energy, 2017, 190, 949-959.	10.1	42
83	Optimal jointâ€dispatch of energy and reserve for CCHPâ€based microgrids. IET Generation, Transmission and Distribution, 2017, 11, 785-794.	2.5	86
84	Analysis of transmission expansion planning considering consumption-based carbon emission accounting. Applied Energy, 2017, 193, 232-242.	10.1	41
85	Cooperation of Wind Power and Battery Storage to Provide Frequency Regulation in Power Markets. IEEE Transactions on Power Systems, 2017, 32, 3559-3568.	6.5	179
86	Cloud energy storage for residential and small commercial consumers: A business case study. Applied Energy, 2017, 188, 226-236.	10.1	169
87	Optimal bidding strategy for microgrids in joint energy and ancillary service markets considering flexible ramping products. Applied Energy, 2017, 205, 294-303.	10.1	134
88	Review and prospect of integrated demand response in the multi-energy system. Applied Energy, 2017, 202, 772-782.	10.1	385
89	Electricity markets evolution with the changing generation mix: An empirical analysis based on China 2050 High Renewable Energy Penetration Roadmap. Applied Energy, 2017, 185, 56-67.	10.1	88
90	Transmission capacity margin in market clearing. Electric Power Systems Research, 2017, 143, 682-691.	3.6	2

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91	A novel network model for optimal power flow with reactive power and network losses. Electric Power Systems Research, 2017, 144, 63-71.	3.6	44
92	Optimal Reactive Power Dispatch With Accurately Modeled Discrete Control Devices: A Successive Linear Approximation Approach. IEEE Transactions on Power Systems, 2017, 32, 2435-2444.	6.5	67
93	Sparse and Redundant Representation-Based Smart Meter Data Compression and Pattern Extraction. IEEE Transactions on Power Systems, 2017, 32, 2142-2151.	6.5	103
94	Evaluating the impacts of VPPs on the joint energy and ancillary service markets equilibrium. , 2017, , .		3
95	Customer load profile-based pricing strategy of retailers with generation assets in retail markets. , 2017, , .		1
96	Optimal reactive power dispatch with accurately modeled discrete control devices: A successive linear approximation approach. , 2017, , .		2
97	Robust bidding strategy for microgrids in joint energy, reserve and regulation markets. , 2017, , .		12
98	Alternative linearisations for the operating cost function of UC problems. IET Generation, Transmission and Distribution, 2017, 11, 1992-1996.	2.5	4
99	Solving OPF using linear approximations: fundamental analysis and numerical demonstration. IET Generation, Transmission and Distribution, 2017, 11, 4115-4125.	2.5	48
100	Impact of Carbon market on China's electricity market: An equilibrium analysis. , 2017, , .		5
101	A Two-Level Approach to AC Optimal Transmission Switching with an Accelerating Technique. IEEE Transactions on Power Systems, 2016, , 1-1.	6.5	16
102	Residential smart meter data compression and pattern extraction via non-negative K-SVD. , 2016, , .		4
103	Pool equilibria including strategic storage. Applied Energy, 2016, 177, 260-270.	10.1	39
104	Optimal operating strategy and revenue estimates for the arbitrage of a vanadium redox flow battery considering dynamic efficiencies and capacity loss. IET Generation, Transmission and Distribution, 2016, 10, 1278-1285.	2.5	32
105	Clustering of Electricity Consumption Behavior Dynamics Toward Big Data Applications. IEEE Transactions on Smart Grid, 2016, 7, 2437-2447.	9.0	265
106	A Structural Transmission Cost Allocation Scheme Based on Capacity Usage Identification. IEEE Transactions on Power Systems, 2016, 31, 2876-2884.	6.5	24
107	Optimal power flow based on successive linear approximation of power flow equations. IET Generation, Transmission and Distribution, 2016, 10, 3654-3662.	2.5	86
108	Evaluating the impacts of flexible ramping products on the market equilibrium. , 2016, , .		3

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109	Assessing the dispatch flexibility of coordinated solar and hydro generation. , 2016, , .		1
110	Real-time demand response potential evaluation: A smart meter driven method. , 2016, , .		6
111	Optimal Bidding Strategy of Battery Storage in Power Markets Considering Performance-Based Regulation and Battery Cycle Life. IEEE Transactions on Smart Grid, 2016, 7, 2359-2367.	9.0	341
112	Optimal Offering Strategy for Concentrating Solar Power Plants in Joint Energy, Reserve and Regulation Markets. IEEE Transactions on Sustainable Energy, 2016, 7, 1245-1254.	8.8	126
113	Copula Based Dependent Discrete Convolution for Power System Uncertainty Analysis. IEEE Transactions on Power Systems, 2016, 31, 5204-5205.	6.5	40
114	Coordination of Generation Maintenance Scheduling in Electricity Markets. IEEE Transactions on Power Systems, 2016, 31, 4565-4574.	6.5	34
115	Coordination of generation maintenance scheduling and long-term SCUC with energy constraints and $N+1$ contingencies. IET Generation, Transmission and Distribution, 2016, 10, 325-333.	2.5	19
116	Evaluating the Contribution of Energy Storages to Support Large-Scale Renewable Generation in Joint Energy and Ancillary Service Markets. IEEE Transactions on Sustainable Energy, 2016, 7, 808-818.	8.8	129
117	A Probabilistic Method for Determining Grid-Accommodable Wind Power Capacity Based on Multiscenario System Operation Simulation. IEEE Transactions on Smart Grid, 2016, 7, 400-409.	9.0	28
118	Optimal Transmission Switching With Short-Circuit Current Limitation Constraints. IEEE Transactions on Power Systems, 2016, 31, 1278-1288.	6.5	51
119	A Game Theoretical Pricing Mechanism for Multi-Area Spinning Reserve Trading Considering Wind Power Uncertainty. IEEE Transactions on Power Systems, 2016, 31, 1084-1095.	6.5	29
120	Coordinated optimization of unit commitment and DC transmission power scheduling using benders decomposition. , 2015, , .		5
121	A Short-Term Wind Power Forecasting Approach With Adjustment of Numerical Weather Prediction Input by Data Mining. IEEE Transactions on Sustainable Energy, 2015, 6, 1283-1291.	8.8	152
122	Environmental economic dispatch towards multiple emissions control coordination considering a variety of clean generation technologies. , 2015, , .		1
123	Modeling and algorithm to find the economic equilibrium for pool-based electricity market with the changing generation mix. , 2015, , .		2
124	Reformulation for Nash-Cournot equilibrium in pool-based electricity market supported by introducing the potential function. , 2015, , .		0
125	Equivalent ramp rate function for thermal power systems. , 2015, , .		1
126	An Efficient Decomposition Method for the Integrated Dispatch of Generation and Load. IEEE Transactions on Power Systems, 2015, 30, 2923-2933.	6.5	28

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127	Multi-stage coupon incentive-based demand response in two-settlement electricity markets. , 2015, , .		13
128	A decomposition method for network-constrained unit commitment with AC power flow constraints. Energy, 2015, 88, 595-603.	8.8	42
129	Energy-saving generation dispatch toward a sustainable electric power industry in China. Energy Policy, 2015, 83, 14-25.	8.8	50
130	Carbon Emission Flow From Generation to Demand: A Network-Based Model. IEEE Transactions on Smart Grid, 2015, 6, 2386-2394.	9.0	173
131	Incentive compatible pool-based electricity market design and implementation: A Bayesian mechanism design approach. Applied Energy, 2015, 158, 508-518.	10.1	27
132	Security assessment approach based on the steady-state security distance. IET Generation, Transmission and Distribution, 2015, 9, 2419-2426.	2.5	26
133	Unit commitment model including detailed modeling of combined cycle gas turbine concerning weather impacts. , 2015, , .		2
134	A conic programming approach to optimal transmission switching considering reactive power and voltage security. , 2015, , .		9
135	Transmission network expansion planning with embedded constraints of short circuit currents and N-1 security. Journal of Modern Power Systems and Clean Energy, 2015, 3, 312-320.	5.4	24
136	A homogenized-overload model applied for infeasible security-constrained unit commitment (SCUC) problem. , 2015, , .		0
137	Decentralized Multi-Area Economic Dispatch via Dynamic Multiplier-Based Lagrangian Relaxation. IEEE Transactions on Power Systems, 2015, 30, 3225-3233.	6.5	96
138	A Convex Model of Risk-Based Unit Commitment for Day-Ahead Market Clearing Considering Wind Power Uncertainty. IEEE Transactions on Power Systems, 2015, 30, 1582-1592.	6.5	121
139	Increasing the Flexibility of Combined Heat and Power for Wind Power Integration in China: Modeling and Implications. IEEE Transactions on Power Systems, 2015, 30, 1848-1857.	6.5	459
140	Integrated dispatch of generation and load: A pathway towards smart grids. Electric Power Systems Research, 2015, 120, 206-213.	3.6	33
141	Anti-disaster transmission expansion planning considering wind power integration using ordinal optimization. , 2014, , .		1
142	A three-stage optimization method for dynamic optimal power flow. , 2014, , .		0
143	Optimal transmission switching based on auxiliary induce function. , 2014, , .		12
144	Inter-area power exchange preserving multi-area economic dispatch. , 2014, , .		6

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145	Generation maintenance scheduling considering shiftable loads. , 2014, , .		2
146	Paths Toward Smart Energy: A Framework for Comparison of the EU and China Energy Policy. IEEE Transactions on Sustainable Energy, 2014, 5, 423-433.	8.8	10
147	Modeling Conditional Forecast Error for Wind Power in Generation Scheduling. IEEE Transactions on Power Systems, 2014, 29, 1316-1324.	6.5	208
148	Improving the Accuracy of Bus Load Forecasting by a Two-Stage Bad Data Identification Method. IEEE Transactions on Power Systems, 2014, 29, 1634-1641.	6.5	42
149	Inducing-objective-function-based method for long-term SCUC with energy constraints. International Journal of Electrical Power and Energy Systems, 2014, 63, 971-978.	5.5	13
150	Assessing the low-carbon effects of inter-regional energy delivery in China's electricity sector. Renewable and Sustainable Energy Reviews, 2014, 32, 671-683.	16.4	52
151	Zonal marginal pricing approach based on sequential network partition and congestion contribution identification. International Journal of Electrical Power and Energy Systems, 2013, 51, 321-328.	5.5	33
152	Dynamic Economic Dispatch Considering Transmission Losses Using Quadratically Constrained Quadratic Program Method. IEEE Transactions on Power Systems, 2013, 28, 2232-2241.	6.5	60
153	Active boundary identifying technique for steady-state security distance assessment. , 2013, , .		1
154	Balance of Power: Toward a More Environmentally Friendly, Efficient, and Effective Integration of Energy Systems in China. IEEE Power and Energy Magazine, 2013, 11, 56-64.	1.6	61
155	Multi-period coordinated active-reactive scheduling of active distribution system. , 2013, , .		5
156	Low-Carbon Power System Dispatch Incorporating Carbon Capture Power Plants. IEEE Transactions on Power Systems, 2013, 28, 4615-4623.	6.5	122
157	Coupon Incentive-Based Demand Response: Theory and Case Study. IEEE Transactions on Power Systems, 2013, 28, 1266-1276.	6.5	287
158	Planning Pumped Storage Capacity for Wind Power Integration. IEEE Transactions on Sustainable Energy, 2013, 4, 393-401.	8.8	113
159	Rigorous model for evaluating wind power capacity credit. IET Renewable Power Generation, 2013, 7, 504-513.	3.1	25
160	Steady-state security assessment method based on distance to security region boundaries. IET Generation, Transmission and Distribution, 2013, 7, 288-297.	2.5	53
161	Coupon incentive-based demand response (CIDR) in smart grid. , 2012, , .		6
162	A new transmission cost allocation method considering power flow duration time in Smart Grid. , 2012, , .		4

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163	Piecewise price mechanism to induce demand response in Smart Grid. , 2012, , .		0
164	Fast bounding technique for branch-and-cut algorithm based monthly SCUC. , 2012, , .		13
165	A rural heat load direct control model for wind power integration in China. , 2012, , .		4
166	Carbon Emission Flow in Networks. Scientific Reports, 2012, 2, 479.	3.3	91
167	Optimal Flexible Operation of a CO ₂ Capture Power Plant in a Combined Energy and Carbon Emission Market. IEEE Transactions on Power Systems, 2012, 27, 1602-1609.	6.5	73
168	Unit Commitment With Volatile Node Injections by Using Interval Optimization. IEEE Transactions on Power Systems, 2011, 26, 1705-1713.	6.5	185
169	A novel decentralized method of multi-area security constraint economic dispatch. , 2011, , .		5
170	A novel security stochastic unit commitment for wind-thermal system operation. , 2011, , .		10
171	Secondary Forecasting Based on Deviation Analysis for Short-Term Load Forecasting. IEEE Transactions on Power Systems, 2011, 26, 500-507.	6.5	81
172	Preliminary exploration on low-carbon technology roadmap of China's power sector. Energy, 2011, 36, 1500-1512.	8.8	87
173	Novel transmission pricing scheme based on point-to-point tariff and transaction pair matching for pool market. Electric Power Systems Research, 2010, 80, 481-488.	3.6	8
174	Input-output table of electricity demand and its application. Energy, 2010, 35, 326-331.	8.8	29
175	Real option analysis on carbon capture power plants under flexible operation mechanism. , 2010, , .		6
176	Power Generation Expansion Planning Model Towards Low-Carbon Economy and Its Application in China. IEEE Transactions on Power Systems, 2010, 25, 1117-1125.	6.5	183
177	Modeling Flexible Operation Mechanism of CO ₂ Capture Power Plant and Its Effects on Power-System Operation. IEEE Transactions on Energy Conversion, 2010, 25, 853-861.	5.2	75
178	Novel approach for evaluation of service reliability for electricity customers. Science in China Series D: Earth Sciences, 2009, 52, 2585-2590.	0.9	2
179	Development of multidimensional sequence operation theory with applications to risk evaluation in power system generation scheduling. Science in China Series D: Earth Sciences, 2008, 51, 724-734.	0.9	8
180	Novel approach to assess local market power considering transmission constraints. International Journal of Electrical Power and Energy Systems, 2008, 30, 39-45.	5.5	9

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181	Incorporating reliability evaluation into the uncertainty analysis of electricity market price. Electric Power Systems Research, 2005, 73, 205-215.	3.6	8
182	Dispatch liquidity theory in a deregulated environment. Tsinghua Science and Technology, 2005, 10, 240-246.	6.1	1
183	Novel approach considering load-relative factors in short-term load forecasting. Electric Power Systems Research, 2004, 70, 99-107.	3.6	18
184	Sequence operation theory and its application in power system reliability evaluation. Reliability Engineering and System Safety, 2002, 78, 101-109.	8.9	19
185	Optimal daily scheduling of cascaded plants using a new algorithm of nonlinear minimum cost network flow. IEEE Transactions on Power Systems, 1988, 3, 929-935.	6.5	40
186	Risk evaluation of electricity price and its sensitivity analysis after deregulation. , 0, , .		3
187	Competitiveness Criterion and Evaluation Approach of AGC Market. , 0, , .		2