Qing Xia

List of Publications by Year
in descending order

187 papers	9,873 citations	30070 54 h-index	38395 95 g-index
191 all docs	191 docs citations	191 times ranked	6131 citing authors

#	Article	IF	Citations
1	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
2	Review and prospect of integrated demand response in the multi-energy system. Applied Energy, 2017, 202, 772-782.	10.1	385
3	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
4	Coupon Incentive-Based Demand Response: Theory and Case Study. IEEE Transactions on Power Systems, 2013, 28, 1266-1276.	6.5	287
5	Clustering of Electricity Consumption Behavior Dynamics Toward Big Data Applications. IEEE Transactions on Smart Grid, 2016, 7, 2437-2447.	9.0	265
6	A Linearized OPF Model With Reactive Power and Voltage Magnitude: A Pathway to Improve the MW-Only DC OPF. IEEE Transactions on Power Systems, 2018, 33, 1734-1745.	6.5	211
7	Modeling Conditional Forecast Error for Wind Power in Generation Scheduling. IEEE Transactions on Power Systems, 2014, 29, 1316-1324.	6.5	208
8	Exploring the trade-offs between electric heating policy and carbon mitigation in China. Nature Communications, 2020, 11, 6054.	12.8	198
9	Data-Driven Probabilistic Net Load Forecasting With High Penetration of Behind-the-Meter PV. IEEE Transactions on Power Systems, 2018, 33, 3255-3264.	6.5	194
10	Unit Commitment With Volatile Node Injections by Using Interval Optimization. IEEE Transactions on Power Systems, 2011, 26, 1705-1713.	6.5	185
11	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
12	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
13	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
14	A Novel Combined Data-Driven Approach for Electricity Theft Detection. IEEE Transactions on Industrial Informatics, 2019, 15, 1809-1819.	11.3	175
15	Carbon Emission Flow From Generation to Demand: A Network-Based Model. IEEE Transactions on Smart Grid, 2015, 6, 2386-2394.	9.0	173
16	Cloud energy storage for residential and small commercial consumers: A business case study. Applied Energy, 2017, 188, 226-236.	10.1	169
17	Standardized Matrix Modeling of Multiple Energy Systems. IEEE Transactions on Smart Grid, 2019, 10, 257-270.	9.0	164
18	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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19	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
20	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
21	Modeling Carbon Emission Flow in Multiple Energy Systems. IEEE Transactions on Smart Grid, 2019, 10, 3562-3574.	9.0	130
22	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
23	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
24	Low-Carbon Power System Dispatch Incorporating Carbon Capture Power Plants. IEEE Transactions on Power Systems, 2013, 28, 4615-4623.	6.5	122
25	Exploring Key Weather Factors From Analytical Modeling Toward Improved Solar Power Forecasting. IEEE Transactions on Smart Grid, 2019, 10, 1417-1427.	9.0	122
26	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
27	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
28	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
29	An Efficient Approach to Power System Uncertainty Analysis With High-Dimensional Dependencies. IEEE Transactions on Power Systems, 2018, 33, 2984-2994.	6.5	119
30	Effect of Natural Gas Flow Dynamics in Robust Generation Scheduling Under Wind Uncertainty. IEEE Transactions on Power Systems, 2018, 33, 2087-2097.	6.5	119
31	Decision-Making Models for the Participants in Cloud Energy Storage. IEEE Transactions on Smart Grid, 2018, 9, 5512-5521.	9.0	116
32	Planning Pumped Storage Capacity for Wind Power Integration. IEEE Transactions on Sustainable Energy, 2013, 4, 393-401.	8.8	113
33	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
34	Sparse and Redundant Representation-Based Smart Meter Data Compression and Pattern Extraction. IEEE Transactions on Power Systems, 2017, 32, 2142-2151.	6.5	103
35	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
36	Decentralized Multi-Area Economic Dispatch via Dynamic Multiplier-Based Lagrangian Relaxation. IEEE Transactions on Power Systems, 2015, 30, 3225-3233.	6.5	96

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37	Carbon Emission Flow in Networks. Scientific Reports, 2012, 2, 479.	3.3	91
38	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
39	Preliminary exploration on low-carbon technology roadmap of China's power sector. Energy, 2011, 36, 1500-1512.	8.8	87
40	Optimal power flow based on successive linear approximation of power flow equations. IET Generation, Transmission and Distribution, 2016, 10, 3654-3662.	2.5	86
41	Optimal joint-dispatch of energy and reserve for CCHP-based microgrids. IET Generation, Transmission and Distribution, 2017, 11, 785-794.	2.5	86
42	Secondary Forecasting Based on Deviation Analysis for Short-Term Load Forecasting. IEEE Transactions on Power Systems, 2011, 26, 500-507.	6.5	81
43	Economic justification of concentrating solar power in high renewable energy penetrated power systems. Applied Energy, 2018, 222, 649-661.	10.1	76
44	Modeling Flexible Operation Mechanism of $\hbox{CO}_{2}$ Capture Power Plant and Its Effects on Power-System Operation. IEEE Transactions on Energy Conversion, 2010, 25, 853-861.	5.2	75
45	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
46	Power market reform in China: Motivations, progress, and recommendations. Energy Policy, 2020, 145, 111717.	8.8	73
47	Steady-State Power Flow Model of Energy Router Embedded AC Network and Its Application in Optimizing Power System Operation. IEEE Transactions on Smart Grid, 2018, 9, 4828-4837.	9.0	72
48	Optimal Power Flow in AC–DC Grids With Discrete Control Devices. IEEE Transactions on Power Systems, 2018, 33, 1461-1472.	6.5	68
49	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
50	Modeling Strategic Behaviors of Renewable Energy With Joint Consideration on Energy and Tradable Green Certificate Markets. IEEE Transactions on Power Systems, 2020, 35, 1898-1910.	6.5	64
51	Incentive Mechanism for Clearing Energy and Reserve Markets in Multi-Area Power Systems. IEEE Transactions on Sustainable Energy, 2020, 11, 2470-2482.	8.8	64
52	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
53	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
54	Dynamic Economic Dispatch Considering Transmission Losses Using Quadratically Constrained Quadratic Program Method. IEEE Transactions on Power Systems, 2013, 28, 2232-2241.	6.5	60

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55	Incorporating Massive Scenarios in Transmission Expansion Planning With High Renewable Energy Penetration. IEEE Transactions on Power Systems, 2020, 35, 1061-1074.	6.5	58
56	Estimating the Robust P-Q Capability of a Technical Virtual Power Plant Under Uncertainties. IEEE Transactions on Power Systems, 2020, 35, 4285-4296.	6.5	56
57	Incentive mechanism for sharing distributed energy resources. Journal of Modern Power Systems and Clean Energy, 2019, 7, 837-850.	5.4	55
58	Steady‑state security assessment method based on distance to security region boundaries. IET Generation, Transmission and Distribution, 2013, 7, 288-297.	2.5	53
59	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
60	Optimal Transmission Switching With Short-Circuit Current Limitation Constraints. IEEE Transactions on Power Systems, 2016, 31, 1278-1288.	6.5	51
61	Energy-saving generation dispatch toward a sustainable electric power industry in China. Energy Policy, 2015, 83, 14-25.	8.8	50
62	LMP Revisited: A Linear Model for the Loss-Embedded LMP. IEEE Transactions on Power Systems, 2017, 32, 4080-4090.	6.5	50
63	Solving OPF using linear approximations: fundamental analysis and numerical demonstration. IET Generation, Transmission and Distribution, 2017, 11, 4115-4125.	2.5	48
64	Reliability Value of Distributed Solar+Storage Systems Amidst Rare Weather Events. IEEE Transactions on Smart Grid, 2019, 10, 4476-4486.	9.0	47
65	Enforcing Intra-Regional Constraints in Tie-Line Scheduling: A Projection-Based Framework. IEEE Transactions on Power Systems, 2019, 34, 4751-4761.	6.5	46
66	Tri-Level Expansion Planning for Transmission Networks and Distributed Energy Resources Considering Transmission Cost Allocation. IEEE Transactions on Sustainable Energy, 2018, 9, 1844-1856.	8.8	45
67	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
68	A monthly electricity consumption forecasting method based on vector error correction model and self-adaptive screening method. International Journal of Electrical Power and Energy Systems, 2018, 95, 427-439.	5.5	44
69	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
70	A decomposition method for network-constrained unit commitment with AC power flow constraints. Energy, 2015, 88, 595-603.	8.8	42
71	Distributed real-time demand response based on Lagrangian multiplier optimal selection approach. Applied Energy, 2017, 190, 949-959.	10.1	42
72	Analysis of transmission expansion planning considering consumption-based carbon emission accounting. Applied Energy, 2017, 193, 232-242.	10.1	41

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73	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
74	Copula Based Dependent Discrete Convolution for Power System Uncertainty Analysis. IEEE Transactions on Power Systems, 2016, 31, 5204-5205.	6.5	40
75	Quantitative assessment of U.S. bulk power systems and market operations during the COVID-19 pandemic. Applied Energy, 2021, 286, 116354.	10.1	40
76	Pool equilibria including strategic storage. Applied Energy, 2016, 177, 260-270.	10.1	39
77	A blockchain consensus mechanism that uses Proof of Solution to optimize energy dispatch and trading. Nature Energy, 2022, 7, 495-502.	39.5	39
78	Economic Benefits of Integrating Solar-Powered Heat Pumps Into a CHP System. IEEE Transactions on Sustainable Energy, 2018, 9, 1702-1712.	8.8	37
79	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
80	Coordination of Generation Maintenance<?Pub _newline ?>Scheduling in Electricity Markets. IEEE Transactions on Power Systems, 2016, 31, 4565-4574.	6.5	34
81	Scenario Map Based Stochastic Unit Commitment. IEEE Transactions on Power Systems, 2018, 33, 4694-4705.	6.5	34
82	Neural-network-based Lagrange multiplier selection for distributed demand response in smart grid. Applied Energy, 2020, 264, 114636.	10.1	34
83	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
84	Integrated dispatch of generation and load: A pathway towards smart grids. Electric Power Systems Research, 2015, 120, 206-213.	3.6	33
85	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
86	Optimal Planning Strategy for Distributed Energy Resources Considering Structural Transmission Cost Allocation. IEEE Transactions on Smart Grid, 2018, 9, 5236-5248.	9.0	30
87	Market Power Mitigation Clearing Mechanism Based on Constrained Bidding Capacities. IEEE Transactions on Power Systems, 2019, 34, 4817-4827.	6.5	30
88	Input-output table of electricity demand and its application. Energy, 2010, 35, 326-331.	8.8	29
89	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
90	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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91	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
92	Month ahead average daily electricity price profile forecasting based on a hybrid nonlinear regression and SVM model: an ERCOT case study. Journal of Modern Power Systems and Clean Energy, 2018, 6, 281-291.	5.4	28
93	Incentive compatible pool-based electricity market design and implementation: A Bayesian mechanism design approach. Applied Energy, 2015, 158, 508-518.	10.1	27
94	MPLP-Based Fast Power System Reliability Evaluation Using Transmission Line Status Dictionary. IEEE Transactions on Power Systems, 2019, 34, 1630-1640.	6.5	27
95	$N - 1$ security assessment approach based on the steady‐state security distance. IET Generation, Transmission and Distribution, 2015, 9, 2419-2426.	2.5	26
96	Rigorous model for evaluating wind power capacity credit. IET Renewable Power Generation, 2013, 7, 504-513.	3.1	25
97	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
98	A Structural Transmission Cost Allocation Scheme Based on Capacity Usage Identification. IEEE Transactions on Power Systems, 2016, 31, 2876-2884.	6.5	24
99	Fundamental Review of the OPF Problem: Challenges, Solutions, and State-of-the-Art Algorithms. Journal of Energy Engineering - ASCE, 2018, 144, .	1.9	22
100	Electricity wholesale market equilibrium analysis integrating individual risk-averse features of generation companies. Applied Energy, 2019, 252, 113443.	10.1	22
101	Integrating biogas in regional energy systems to achieve near-zero carbon emissions. Applied Energy, 2022, 322, 119515.	10.1	20
102	Sequence operation theory and its application in power system reliability evaluation. Reliability Engineering and System Safety, 2002, 78, 101-109.	8.9	19
103	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
104	Market equilibrium analysis with high penetration of renewables and gas-fired generation: An empirical case of the Beijing-Tianjin-Tangshan power system. Applied Energy, 2018, 227, 384-392.	10.1	19
105	Efficiency Loss for Variable Renewable Energy Incurred by Competition in Electricity Markets. IEEE Transactions on Sustainable Energy, 2020, 11, 1951-1964.	8.8	19
106	A Data-Driven Pattern Extraction Method for Analyzing Bidding Behaviors in Power Markets. IEEE Transactions on Smart Grid, 2020, 11, 3509-3521.	9.0	19
107	Novel approach considering load-relative factors in short-term load forecasting. Electric Power Systems Research, 2004, 70, 99-107.	3.6	18
108	Deep Inverse Reinforcement Learning for Objective Function Identification in Bidding Models. IEEE Transactions on Power Systems, 2021, 36, 5684-5696.	6.5	18

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109	A Two-Level Approach to AC Optimal Transmission Switching with an Accelerating Technique. IEEE Transactions on Power Systems, 2016, , 1-1.	6.5	16
110	Non-Iterative Multi-Area Coordinated Dispatch via Condensed System Representation. IEEE Transactions on Power Systems, 2021, 36, 1594-1604.	6.5	16
111	Forecast Aggregated Supply Curves in Power Markets Based On LSTM Model. IEEE Transactions on Power Systems, 2021, 36, 5767-5779.	6.5	14
112	Fast bounding technique for branch-and-cut algorithm based monthly SCUC. , 2012, , .		13
113	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
114	Multi-stage coupon incentive-based demand response in two-settlement electricity markets. , 2015, , .		13
115	Power trading region considering long-term contract for interconnected power networks. Applied Energy, 2020, 261, 114411.	10.1	13
116	Optimal transmission switching based on auxiliary induce function. , 2014, , .		12
117	Robust bidding strategy for microgrids in joint energy, reserve and regulation markets. , 2017, , .		12
118	Estimating Demand Flexibility Using Siamese LSTM Neural Networks. IEEE Transactions on Power Systems, 2022, 37, 2360-2370.	6.5	12
119	Bidding behaviors of GENCOs under bounded rationality with renewable energy. Energy, 2022, 250, 123793.	8.8	12
120	A Block-of-Use Electricity Retail Pricing Approach Based on the Customer Load Profile. IEEE Transactions on Smart Grid, 2020, 11, 1500-1509.	9.0	11
121	A Unit Commitment Algorithm With Relaxation-Based Neighborhood Search and Improved Relaxation Inducement. IEEE Transactions on Power Systems, 2020, 35, 3800-3809.	6.5	11
122	A novel security stochastic unit commitment for wind-thermal system operation. , 2011, , .		10
123	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
124	Constraining the oligopoly manipulation in electricity market: A vertical integration perspective. Energy, 2020, 194, 116877.	8.8	10
125	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
126	A conic programming approach to optimal transmission switching considering reactive power and voltage security. , 2015, , .		9

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127	Incorporating reliability evaluation into the uncertainty analysis of electricity market price. Electric Power Systems Research, 2005, 73, 205-215.	3.6	8
128	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
129	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
130	Electricity Pricing Under Constraint Violations. IEEE Transactions on Power Systems, 2020, 35, 2794-2803.	6.5	8
131	Real option analysis on carbon capture power plants under flexible operation mechanism. , 2010, , .		6
132	Coupon incentive-based demand response (CIDR) in smart grid. , 2012, , .		6
133	Inter-area power exchange preserving multi-area economic dispatch. , 2014, , .		6
134	Real-time demand response potential evaluation: A smart meter driven method. , 2016, , .		6
135	Extracting Umbrella Constraint-Based Representation of Local Electricity Markets. IEEE Transactions on Smart Grid, 2023, 14, 1632-1641.	9.0	6
136	A novel decentralized method of multi-area security constraint economic dispatch. , 2011, , .		5
137	Multi-period coordinated active-reactive scheduling of active distribution system. , 2013, , .		5
138	Coordinated optimization of unit commitment and DC transmission power scheduling using benders decomposition. , 2015, , .		5
139	Impact of Carbon market on China's electricity market: An equilibrium analysis. , 2017, , .		5
140	Incentive Mechanism for Cooperative Energy Sharing. , 2018, , .		5
141	Bi-Level Electricity Market Design with Boundary Equivalence of Interior Security Constraints. , 2018, , .		5
142	Linearized Model for Active and Reactive LMP Considering Bus Voltage Constraints. , 2018, , .		5
143	Mapping between transmission constraint penalty factor and OPF solution in electricity markets: analysis and fast calculation. Energy, 2019, 168, 1181-1191.	8.8	5
144	A new transmission cost allocation method considering power flow duration time in Smart Grid. , 2012, , .		4

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145	A rural heat load direct control model for wind power integration in China. , 2012, , .		4
146	Residential smart meter data compression and pattern extraction via non-negative K-SVD. , 2016, , .		4
147	Alternative linearisations for the operating cost function of UC problems. IET Generation, Transmission and Distribution, 2017, 11, 1992-1996.	2.5	4
148	Embed Neural Network in Optimization Model: An Application of Demand Response Aggregation Under Information Asymmetry. , 2019, , .		4
149	Integrating Heterogeneous Demand Response into N-1 Security Assessment by Multi-Parametric Programming. , 2020, , .		4
150	Risk evaluation of electricity price and its sensitivity analysis after deregulation. , 0, , .		3
151	Evaluating the impacts of flexible ramping products on the market equilibrium. , 2016, , .		3
152	Evaluating the impacts of VPPs on the joint energy and ancillary service markets equilibrium. , 2017, , .		3
153	Enlarging flexibility region of virtual power plant via dynamic line rating. IET Renewable Power Generation, 2022, 16, 751-760.	3.1	3
154	Competitiveness Criterion and Evaluation Approach of AGC Market. , 0, , .		2
155	Novel approach for evaluation of service reliability for electricity customers. Science in China Series D: Earth Sciences, 2009, 52, 2585-2590.	0.9	2
156	Generation maintenance scheduling considering shiftable loads. , 2014, , .		2
157	Modeling and algorithm to find the economic equilibrium for pool-based electricity market with the changing generation mix. , 2015, , .		2
158	Unit commitment model including detailed modeling of combined cycle gas turbine concerning weather impacts. , 2015, , .		2
159	Transmission capacity margin in market clearing. Electric Power Systems Research, 2017, 143, 682-691.	3.6	2
160	Optimal reactive power dispatch with accurately modeled discrete control devices: A successive linear approximation approach. , 2017, , .		2
161	A State-Independent Linear Power Flow Model with Accurate Estimation of Voltage Magnitude. , 2018, , .		2
162	Sharing Economy in Energy Markets. , 2022, , .		2

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163	Dispatch liquidity theory in a deregulated environment. Tsinghua Science and Technology, 2005, 10, 240-246.	6.1	1
164	Active boundary identifying technique for steady-state security distance assessment. , 2013, , .		1
165	Anti-disaster transmission expansion planning considering wind power integration using ordinal optimization. , 2014, , .		1
166	Environmental economic dispatch towards multiple emissions control coordination considering a variety of clean generation technologies. , 2015, , .		1
167	Equivalent ramp rate function for thermal power systems. , 2015, , .		1
168	Assessing the dispatch flexibility of coordinated solar and hydro generation. , 2016, , .		1
169	Customer load profile-based pricing strategy of retailers with generation assets in retail markets. , 2017, , .		1
170	A Market-Power-Controlled Spot Market Clearing Mechanism Based on Residual Supply Index. , 2018, , .		1
171	The Role of Concentrating Solar Power Toward High Renewable Energy Penetrated Power Systems. , 2019, , .		1
172	Sharing Economy for Renewable Energy Aggregation. , 2022, , 107-142.		1
173	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
174	Piecewise price mechanism to induce demand response in Smart Grid. , 2012, , .		0
175	A three-stage optimization method for dynamic optimal power flow. , 2014, , .		0
176	Reformulation for Nash-Cournot equilibrium in pool-based electricity market supported by introducing the potential function. , 2015, , .		0
177	A homogenized-overload model applied for infeasible security-constrained unit commitment (SCUC) problem. , 2015, , .		0
178	A Fast Algorithm to Calculate LMP Difference Caused by Virtual Bidding in Day-ahead Electricity Market. , 2018, , .		0
179	The Reserve Sharing Mechanism Among Interconnected Power Grids Based on Block Chain. , 2018, , .		0
180	Decentralized Multi-Area Look-Ahead Dispatch for Cross-Regional Renewable Accomodation. , 2018, , .		0

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181	Exploring Integrated Demand Elasticity for Market Power Mitigation. , 2021, , .		0
182	Mechanism Design for Sharing Economy. , 2022, , 27-52.		0
183	Sharing Non-wire Alternatives for Transmission Expansion Deferral. , 2022, , 227-269.		0
184	Information and Communication Technology for Sharing Economy. , 2022, , 271-318.		0
185	Sharing Economy in Energy Systems Integration. , 2022, , 143-193.		0
186	Sharing Demand Side Resources for Regional Market Bidding. , 2022, , 195-225.		0
187	Sharing Economy in Electricity Spot Markets. , 2022, , 53-77.		0