Ke Meng

List of Publications by Year
in descending order

216 papers	6,644 citations	66234 42 h-index	74018 75 g-index
216 all docs	216 docs citations	216 times ranked	5623 citing authors

#	Article	IF	Citations
1	Electric Vehicle Battery Charging/Swap Stations in Distribution Systems: Comparison Study and Optimal Planning. IEEE Transactions on Power Systems, 2014, 29, 221-229.	4.6	396
2	A Multi-Objective Collaborative Planning Strategy for Integrated Power Distribution and Electric Vehicle Charging Systems. IEEE Transactions on Power Systems, 2014, 29, 1811-1821.	4.6	298
3	Optimal Allocation of Energy Storage System for Risk Mitigation of DISCOs With High Renewable Penetrations. IEEE Transactions on Power Systems, 2014, 29, 212-220.	4.6	274
4	Quantum-Inspired Particle Swarm Optimization for Valve-Point Economic Load Dispatch. IEEE Transactions on Power Systems, 2010, 25, 215-222.	4.6	243
5	Electricity Price Forecasting With Extreme Learning Machine and Bootstrapping. IEEE Transactions on Power Systems, 2012, 27, 2055-2062.	4.6	214
6	Coordinated Operational Planning for Wind Farm With Battery Energy Storage System. IEEE Transactions on Sustainable Energy, 2015, 6, 253-262.	5.9	198
7	Quantum-Inspired Particle Swarm Optimization for Power System Operations Considering Wind Power Uncertainty and Carbon Tax in Australia. IEEE Transactions on Industrial Informatics, 2012, 8, 880-888.	7.2	168
8	Low Carbon Oriented Expansion Planning of Integrated Gas and Power Systems. IEEE Transactions on Power Systems, 2015, 30, 1035-1046.	4.6	162
9	Two-stage energy management for networked microgrids with high renewable penetration. Applied Energy, 2018, 226, 39-48.	5.1	156
10	Shortâ€term load forecasting of Australian National Electricity Market by an ensemble model of extreme learning machine. IET Generation, Transmission and Distribution, 2013, 7, 391-397.	1.4	155
11	Stochastic Collaborative Planning of Electric Vehicle Charging Stations and Power Distribution System. IEEE Transactions on Industrial Informatics, 2018, 14, 321-331.	7.2	140
12	Online Distributed MPC-Based Optimal Scheduling for EV Charging Stations in Distribution Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 638-649.	7.2	135
13	Optimal allocation of battery energy storage systems in distribution networks with high wind power penetration. IET Renewable Power Generation, 2016, 10, 1105-1113.	1.7	132
14	Optimal scheduling of distributed energy resources as a virtual power plant in a transactive energy framework. IET Generation, Transmission and Distribution, 2017, 11, 3417-3427.	1.4	119
15	A Self-Adaptive RBF Neural Network Classifier for Transformer Fault Analysis. IEEE Transactions on Power Systems, 2010, 25, 1350-1360.	4.6	109
16	Metal chalcogenides as counter electrode materials in quantum dot sensitized solar cells: a perspective. Journal of Materials Chemistry A, 2015, 3, 23074-23089.	5.2	105
17	A Linear Programming Approach to Expansion Co-Planning in Gas and Electricity Markets. IEEE Transactions on Power Systems, 2016, 31, 3594-3606.	4.6	99
18	Multi-Objective Dynamic VAR Planning Against Short-Term Voltage Instability Using a Decomposition-Based Evolutionary Algorithm. IEEE Transactions on Power Systems, 2014, 29, 2813-2822.	4.6	97

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19	Optimal placement of battery energy storage in distribution networks considering conservation voltage reduction and stochastic load composition. IET Generation, Transmission and Distribution, 2017, 11, 3862-3870.	1.4	89
20	Shortâ€term operational planning framework for virtual power plants with high renewable penetrations. IET Renewable Power Generation, 2016, 10, 623-633.	1.7	88
21	Optimal Operation of Battery Energy Storage System Considering Distribution System Uncertainty. IEEE Transactions on Sustainable Energy, 2018, 9, 1051-1060.	5.9	87
22	An Intelligent Dynamic Security Assessment Framework for Power Systems With Wind Power. IEEE Transactions on Industrial Informatics, 2012, 8, 995-1003.	7.2	80
23	Unified Power Flow Algorithm for Standalone AC/DC Hybrid Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 639-649.	6.2	80
24	A Hybrid Method for Transient Stability-Constrained Optimal Power Flow Computation. IEEE Transactions on Power Systems, 2012, 27, 1769-1777.	4.6	73
25	Battery ESS Planning for Wind Smoothing via Variable-Interval Reference Modulation and Self-Adaptive SOC Control Strategy. IEEE Transactions on Sustainable Energy, 2017, 8, 695-707.	5.9	71
26	Cooperation-Based Distributed Economic MPC for Economic Load Dispatch and Load Frequency Control of Interconnected Power Systems. IEEE Transactions on Power Systems, 2019, 34, 3964-3966.	4.6	71
27	Thermal Inertial Aggregation Model for Integrated Energy Systems. IEEE Transactions on Power Systems, 2020, 35, 2374-2387.	4.6	71
28	An Operational Planning Framework for Large-Scale Thermostatically Controlled Load Dispatch. IEEE Transactions on Industrial Informatics, 2017, 13, 217-227.	7.2	66
29	Coordinated Dispatch of Virtual Energy Storage Systems in LV Grids for Voltage Regulation. IEEE Transactions on Industrial Informatics, 2018, 14, 2452-2462.	7.2	64
30	Modeling and Analysis of Lithium Battery Operations in Spot and Frequency Regulation Service Markets in Australia Electricity Market. IEEE Transactions on Industrial Informatics, 2017, 13, 2576-2586.	7.2	62
31	Mobile Emergency Generator Planning in Resilient Distribution Systems: A Three-Stage Stochastic Model With Nonanticipativity Constraints. IEEE Transactions on Smart Grid, 2020, 11, 4847-4859.	6.2	60
32	A Privacy Preserving Distributed Optimization Algorithm for Economic Dispatch Over Time-Varying Directed Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 1689-1701.	7.2	58
33	Demand response: a strategy to address residential air-conditioning peak load in Australia. Journal of Modern Power Systems and Clean Energy, 2013, 1, 223-230.	3.3	55
34	Maximum Wind Energy Extraction for Variable Speed Wind Turbines With Slow Dynamic Behavior. IEEE Transactions on Power Systems, 2017, 32, 3321-3322.	4.6	53
35	Extreme learning machine-based predictor for real-time frequency stability assessment of electric power systems. Neural Computing and Applications, 2013, 22, 501-508.	3.2	52
36	Sequential Disaster Recovery Model for Distribution Systems With Co-Optimization of Maintenance and Restoration Crew Dispatch. IEEE Transactions on Smart Grid, 2020, 11, 4700-4713.	6.2	51

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37	A novel projected two-binary-variable formulation for unit commitment in power systems. Applied Energy, 2017, 187, 732-745.	5.1	50
38	Variable Droop Voltage Control For Wind Farm. IEEE Transactions on Sustainable Energy, 2018, 9, 491-493.	5.9	50
39	Critical Bus Voltage Support in Distribution Systems With Electric Springs and Responsibility Sharing. IEEE Transactions on Power Systems, 2017, 32, 3584-3593.	4.6	47
40	Advanced Pattern Discovery-based Fuzzy Classification Method for Power System Dynamic Security Assessment. IEEE Transactions on Industrial Informatics, 2015, 11, 416-426.	7.2	44
41	Collector System Layout Optimization Framework for Large-Scale Offshore Wind Farms. IEEE Transactions on Sustainable Energy, 2016, 7, 1398-1407.	5.9	44
42	Hierarchical SCOPF Considering Wind Energy Integration Through Multiterminal VSC-HVDC Grids. IEEE Transactions on Power Systems, 2017, 32, 4211-4221.	4.6	44
43	An improved probabilistic load flow simulation method considering correlated stochastic variables. International Journal of Electrical Power and Energy Systems, 2019, 111, 260-268.	3.3	44
44	Coordinated Dispatch of Virtual Energy Storage Systems in Smart Distribution Networks for Loading Management. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 776-786.	5.9	44
45	A multi-disaster-scenario distributionally robust planning model for enhancing the resilience of distribution systems. International Journal of Electrical Power and Energy Systems, 2020, 122, 106161.	3.3	44
46	Cooperation-Driven Distributed Model Predictive Control for Energy Storage Systems. IEEE Transactions on Smart Grid, 2015, 6, 2583-2585.	6.2	40
47	A Finite-Time Distributed Optimization Algorithm for Economic Dispatch in Smart Grids. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2068-2079.	5.9	40
48	Low-Carbon Electricity Network Transition Considering Retirement of Aging Coal Generators. IEEE Transactions on Power Systems, 2020, 35, 4193-4205.	4.6	37
49	Online Wavelet Denoising via a Moving Window. Zidonghua Xuebao/Acta Automatica Sinica, 2007, 33, 897-901.	1.5	36
50	Optimal Dispatch of Coupled Electricity and Heat System With Independent Thermal Energy Storage. IEEE Transactions on Power Systems, 2019, 34, 3250-3263.	4.6	36
51	N-k Induced Cascading Contingency Screening. IEEE Transactions on Power Systems, 2015, 30, 2824-2825.	4.6	35
52	A Composite Anomaly Detection System for Data-Driven Power Plant Condition Monitoring. IEEE Transactions on Industrial Informatics, 2020, 16, 4390-4402.	7.2	33
53	Hydraulic-Thermal Cooperative Optimization of Integrated Energy Systems: A Convex Optimization Approach. IEEE Transactions on Smart Grid, 2020, 11, 4818-4832.	6.2	33
54	Adaptive Droop Control of Multi-Terminal HVDC Network for Frequency Regulation and Power Sharing. IEEE Transactions on Power Systems, 2021, 36, 566-578.	4.6	33

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55	Nested Formation Approach for Networked Microgrid Self-Healing in Islanded Mode. IEEE Transactions on Power Delivery, 2021, 36, 452-464.	2.9	33
56	Collaborative Filtering-Based Electricity Plan Recommender System. IEEE Transactions on Industrial Informatics, 2019, 15, 1393-1404.	7.2	31
57	Optimal integration of mobile battery energy storage in distribution system with renewables. Journal of Modern Power Systems and Clean Energy, 2015, 3, 589-596.	3.3	30
58	Utilisation of kinetic energy from wind turbine for grid connections: a review paper. IET Renewable Power Generation, 2018, 12, 615-624.	1.7	30
59	Robust Regional Coordination of Inverter-Based Volt/Var Control via Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Smart Grid, 2021, 12, 5420-5433.	6.2	29
60	Rational and self-adaptive evolutionary extreme learning machine for electricity price forecast. Memetic Computing, 2016, 8, 223-233.	2.7	28
61	Optimal Power Sharing Control of Wind Turbines. IEEE Transactions on Power Systems, 2017, 32, 824-825.	4.6	28
62	Cooperation-Driven Distributed Control Scheme for Large-Scale Wind Farm Active Power Regulation. IEEE Transactions on Energy Conversion, 2017, 32, 1240-1250.	3.7	27
63	Optimal Short-term Power Dispatch Scheduling for a Wind Farm with Battery Energy Storage System. IFAC-PapersOnLine, 2015, 48, 518-523.	0.5	26
64	Optimal air-conditioning load control in distribution network with intermittent renewables. Journal of Modern Power Systems and Clean Energy, 2017, 5, 55-65.	3.3	26
65	Coordinated expansion co-planning of integrated gas and power systems. Journal of Modern Power Systems and Clean Energy, 2017, 5, 314-325.	3.3	26
66	Improved Cycle Control and Sizing Scheme for Wind Energy Storage System Based on Multiobjective Optimization. IEEE Transactions on Sustainable Energy, 2017, 8, 966-977.	5.9	26
67	Optimal Restoration of an Unbalanced Distribution System Into Multiple Microgrids Considering Three-Phase Demand-Side Management. IEEE Transactions on Power Systems, 2021, 36, 1350-1361.	4.6	26
68	Investigating subsynchronous oscillations caused by interactions between PMSG-based wind farms and weak AC systems. International Journal of Electrical Power and Energy Systems, 2020, 115, 105477.	3.3	25
69	A Two-Level Energy Management Strategy for Multi-Microgrid Systems With Interval Prediction and Reinforcement Learning. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1788-1799.	3.5	25
70	Optical Performance Monitoring Using Artificial Neural Network Trained With Asynchronous Amplitude Histograms. IEEE Photonics Technology Letters, 2010, , .	1.3	23
71	Bayesian Hybrid Collaborative Filtering-Based Residential Electricity Plan Recommender System. IEEE Transactions on Industrial Informatics, 2019, 15, 4731-4741.	7.2	23
72	Wind power impact on system operations and planning. , 2010, , .		22

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73	An Experimental Study on Emission Trading Behaviors of Generation Companies. IEEE Transactions on Power Systems, 2015, 30, 1076-1083.	4.6	22
74	A hierarchical alternating direction method of multipliers for fully distributed unit commitment. International Journal of Electrical Power and Energy Systems, 2019, 108, 204-217.	3.3	22
75	A Fixed-Point Based Distributed Method for Energy Flow Calculation in Multi-Energy Systems. IEEE Transactions on Sustainable Energy, 2020, 11, 2567-2580.	5.9	22
76	A novel technique for the optimal design of offshore wind farm electrical layout. Journal of Modern Power Systems and Clean Energy, 2013, 1, 258-263.	3.3	21
77	Efficient real-time residential energy management through MILP based rolling horizon optimization. , 2015, , .		21
78	Coordinated dispatch of networked energy storage systems for loading management in active distribution networks. IET Renewable Power Generation, 2016, 10, 1374-1381.	1.7	21
79	Unbalance Mitigation via Phase-Switching Device and Static Var Compensator in Low-Voltage Distribution Network. IEEE Transactions on Power Systems, 2020, 35, 4856-4869.	4.6	21
80	Optimal Load Frequency Control for Networked Power Systems Based on Distributed Economic MPC. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2123-2133.	5.9	21
81	Demand response through smart home energy management using thermal inertia. , 2013, , .		20
82	Flexible Operational Planning Framework Considering Multiple Wind Energy Forecasting Service Providers. IEEE Transactions on Sustainable Energy, 2016, 7, 708-717.	5.9	20
83	Insurance strategy for mitigating power system operational risk introduced by wind power forecasting uncertainty. Renewable Energy, 2016, 89, 606-615.	4.3	20
84	A Two-Layer Hybrid Optimization Approach for Large-Scale Offshore Wind Farm Collector System Planning. IEEE Transactions on Industrial Informatics, 2021, 17, 7433-7444.	7.2	20
85	Optimal integration of MBESSs/SBESSs in distribution systems with renewables. IET Renewable Power Generation, 2018, 12, 1172-1179.	1.7	19
86	Collector System Topology Design for Offshore Wind Farm's Repowering and Expansion. IEEE Transactions on Sustainable Energy, 2021, 12, 847-859.	5.9	19
87	Expansion co-planning for shale gas integration in a combined energy market. Journal of Modern Power Systems and Clean Energy, 2015, 3, 302-311.	3.3	18
88	Optimal operation scheduling for microgrid with high penetrations of solar power and thermostatically controlled loads. Science and Technology for the Built Environment, 2016, 22, 666-673.	0.8	18
89	Hierarchical control scheme for coordinated reactive power regulation in clustered wind farms. IET Renewable Power Generation, 2018, 12, 1119-1126.	1.7	18
90	A day-ahead scheduling framework for thermostatically controlled loads with thermal inertia and thermal comfort model. Journal of Modern Power Systems and Clean Energy, 2019, 7, 568-578.	3.3	18

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91	Autonomous Control Strategy for Microgrid Operating Modes Smooth Transition. IEEE Access, 2020, 8, 142159-142172.	2.6	17
92	Multi-Agent-Based Voltage Regulation Scheme for High Photovoltaic Penetrated Active Distribution Networks Using Battery Energy Storage Systems. IEEE Access, 2020, 8, 7323-7333.	2.6	17
93	Economic Model Predictive Control of a Point Absorber Wave Energy Converter. IEEE Transactions on Sustainable Energy, 2021, 12, 578-586.	5.9	16
94	Intelligent systems for power system dynamic security assessment: Review and classification. , 2011, , .		15
95	Optimal sizing of substationâ€scale energy storage station considering seasonal variations in wind energy. IET Generation, Transmission and Distribution, 2016, 10, 3241-3250.	1.4	15
96	Effect of automatic hyperparameter tuning for residential load forecasting via deep learning. , 2017, , .		15
97	Offshore Transmission Network Planning for Wind Integration Considering AC and DC Transmission Options. IEEE Transactions on Power Systems, 2019, 34, 4258-4268.	4.6	15
98	Development of HVRT and LVRT Control Strategy for PMSG-Based Wind Turbine Generators. Energies, 2020, 13, 5442.	1.6	15
99	A low-carbon oriented probabilistic approach for transmission expansion planning. Journal of Modern Power Systems and Clean Energy, 2015, 3, 14-23.	3.3	14
100	Consensus control of electric spring using back-to-back converter for voltage regulation with ultra-high renewable penetration. Journal of Modern Power Systems and Clean Energy, 2017, 5, 897-907.	3.3	14
101	Collector System Topology for Large-Scale Offshore Wind Farms Considering Cross-Substation Incorporation. IEEE Transactions on Sustainable Energy, 2020, 11, 1601-1611.	5.9	14
102	Economic-Driven Frequency Regulation in Multi-Terminal HVDC Systems: A Cooperative Distributed Approach. IEEE Transactions on Power Systems, 2020, 35, 2245-2255.	4.6	14
103	Load Balancing in Low-Voltage Distribution Network via Phase Reconfiguration: An Efficient Sensitivity-Based Approach. IEEE Transactions on Power Delivery, 2021, 36, 2174-2185.	2.9	14
104	Electrical Vehicle Wireless Charging Technology Based on Energy Internet Application in China. Procedia Computer Science, 2016, 83, 1332-1337.	1.2	13
105	Sequence control strategy for hybrid energy storage system for wind smoothing. IET Generation, Transmission and Distribution, 2019, 13, 4482-4490.	1.4	13
106	Decentralized Optimal Control of a Microgrid with Solar PV, BESS and Thermostatically Controlled Loads. Energies, 2019, 12, 2111.	1.6	13
107	HESS Sizing Methodology for an Existing Thermal Generator for the Promotion of AGC Response Ability. IEEE Transactions on Sustainable Energy, 2020, 11, 608-617.	5.9	13
108	Modeling of distributed generators and converters control for power flow analysis of networked islanded hybrid microgrids. Electric Power Systems Research, 2020, 184, 106343.	2.1	13

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109	Online Sequential Extreme Learning Machine Algorithm for Better Predispatch Electricity Price Forecasting Grids. IEEE Transactions on Industry Applications, 2021, 57, 1860-1871.	3.3	13
110	Voltage Support for Critical Buses with Consensus Control of Electric Springs in Distribution Systems. IFAC-PapersOnLine, 2015, 48, 173-178.	0.5	12
111	Multiâ€objective transmission expansion planning in a smart grid using a decompositionâ€based evolutionary algorithm. IET Generation, Transmission and Distribution, 2016, 10, 4024-4031.	1.4	12
112	Decentralized Optimal Reactive Power Dispatch of Optimally Partitioned Distribution Networks. IEEE Access, 2018, 6, 74051-74060.	2.6	12
113	A Probabilistic Assessment Method for Voltage Stability Considering Large Scale Correlated Stochastic Variables. IEEE Access, 2020, 8, 5407-5415.	2.6	12
114	Optimal shared mobility planning for electric vehicles in the distribution network. IET Generation, Transmission and Distribution, 2019, 13, 2257-2267.	1.4	11
115	Electricity plan recommender system with electrical instruction-based recovery. Energy, 2020, 203, 117775.	4.5	11
116	Optimal Allocation of ESS in Distribution Systems Considering Wind Power Uncertainties. , 2012, , .		10
117	Offshore wind farm collector system layout optimization based on self-tracking minimum spanning tree. International Transactions on Electrical Energy Systems, 2019, 29, e2729.	1.2	10
118	Energy sharing strategy based on call auction trading: Energy bank system. International Journal of Electrical Power and Energy Systems, 2020, 123, 106320.	3.3	10
119	Robustness of networks formed from interdependent correlated networks under intentional attacks. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 329-339.	1.2	9
120	Accelerating Multi-layer Perceptron based short term demand forecasting using Graphics Processing Units. , 2009, , .		8
121	Differential evolution algorithm for multi-objective economic load dispatch considering minimum emission costs. , 2011, , .		8
122	Hybrid cloud computing platform: The next generation IT backbone for smart grid. , 2012, , .		8
123	Axialâ€flux permanentâ€magnet synchronous generator with coreless armature and nonâ€integral coilâ€“pole ratio. IET Renewable Power Generation, 2019, 13, 245-252.	1.7	8
124	Sliding Framework for Inverter-Based Microgrid Control. IEEE Transactions on Power Systems, 2020, 35, 1657-1660.	4.6	7
125	Assessment and Enhancement of Static Voltage Stability With Inverter-Based Generators. IEEE Transactions on Power Systems, 2021, 36, 2737-2740.	4.6	7
126	A MILP approach to accommodate more Building Integrated Photovoltaic system in distribution network. , 2015, , .		6

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127	Power network planning considering tradeâ€off between cost, risk, and reliability. International Transactions on Electrical Energy Systems, 2017, 27, e2462.	1.2	6
128	Use of High-performance Graphics Processing Units for Power System Demand Forecasting. Journal of Electrical Engineering and Technology, 2010, 5, 363-370.	1.2	6
129	Robust fault detection approach for wind farms considering missing data tolerance and recovery. IET Renewable Power Generation, 2020, 14, 4150-4158.	1.7	6
130	Voltage regulation in distribution network using battery storage units via distributed optimization. , 2016, , .		5
131	Recommending electricity plans: A data-driven method. , 2016, , .		5
132	Optimal scheduling of hydro-thermal power systems considering the flood risk of cascade reservoirs. Engineering Optimization, 2017, 49, 1299-1316.	1.5	5
133	Network reinforcement for grid resiliency under extreme events. , 2017, , .		5
134	Comprehensive solution of networked microgrid towards enhanced overload resiliency. , 2018, , .		5
135	Performance Differences of an Electromagnetic Flow Sensor With Nonideal Electrodes Based on Different-Dimensional Weight Functions. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1738-1748.	2.4	5
136	Control Strategy of Hybrid Energy Storage System to Improve AGC Performance of Thermal Generator. , 2018, , .		5
137	Coordinated Optimal Scheduling of Multi-energy Microgrid Considering Uncertainties. , 2018, , .		5
138	Mixedâ€integer secondâ€order cone programming framework for optimal scheduling of microgrids considering power flow constraints. IET Renewable Power Generation, 2019, 13, 2673-2683.	1.7	5
139	Idenx: A Blockchain-based Identity Management System for Supply Chain Attacks Mitigation in Smart Grids. , 2020, , .		5
140	An Overview of System Strength Challenges in Australiaâ€™s National Electricity Market Grid. Electronics (Switzerland), 2022, 11, 224.	1.8	5
141	Incorporating P2P Trading Into DSO's Decision-Making: A DSO-Prosumers Cooperated Scheduling Framework for Transactive Distribution System. IEEE Transactions on Power Systems, 2023, 38, 2362-2375.	4.6	5
142	Electricity reference price forecasting with Fuzzy C-means and Immune Algorithm. , 2007, , .		4
143	A control strategy of battery energy storage system and allocation in distribution systems. , 2013, , .		4
144	Non-interruptive thermostatically controlled load for primary frequency support. , 2016, , .		4

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145	Robust OPF considering load and renewable power uncertainties in multi-terminal HVDC grids. , 2016, , .		4
146	Supplementary Frequency Regulation with Multiple Virtual Energy Storage System Aggregators. Electric Power Components and Systems, 2018, 46, 1719-1730.	1.0	4
147	Big Data-driven Electricity Plan Recommender System. , 2018, , .		4
148	Probabilistic evaluation of a power system's capability to accommodate uncertain wind power generation. IET Renewable Power Generation, 2019, 13, 1780-1788.	1.7	4
149	Improving Hosting Capacity of Unbalanced Distribution Networks via Battery Energy Storage Systems. , 2019, , .		4
150	A Power-to-Gas Integrated Microgrid Optimal Operation Strategy Based on Rolling Horizon. , 2019, , .		4
151	Wind Farm Level Coordination for Optimal Inertial Control With a Second-Order Cone Predictive Model. IEEE Transactions on Sustainable Energy, 2021, 12, 2353-2366.	5.9	4
152	Optimal placement of phaseâ€reconfiguration devices in lowâ€voltage distribution network with residential PV generation. IET Renewable Power Generation, 2020, 14, 3752-3761.	1.7	4
153	Control Strategy of Three-phase Inverter under Weak Grid Condition. , 2020, , .		4
154	Enhancing the computing efficiency of power system dynamic analysis with PSS_E. , 2009, , .		3
155	Expansion co-planning with uncertainties in a coupled energy market. , 2014, , .		3
156	A hierarchical optimization framework for aggregating thermostatically controlled loads to minimize real-time thermal rating of overhead distribution lines. , 2014, , .		3
157	Distributed control of air-conditioning loads for voltage regulation in active distribution network. , 2016, , .		3
158	Risk constrained battery energy storage planning in active distribution networks. , 2016, , .		3
159	Power Flow Features and Balancing in MTDC Integrated Offshore Wind Farms. Electric Power Components and Systems, 2017, 45, 1068-1079.	1.0	3
160	A mixed logical dynamical model for optimal energy scheduling in microgrids. , 2017, , .		3
161	Improved Power Engineering Curriculum: Analysis in a Year 3 Course in Electrical Engineering. , 2021, , .		3
162	Multi-stage Low-carbon Power System Planning Considering Generation Retirement and R retrofit. , 2020, , .		3

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163	Risk sharing strategy for minimizing imbalance costs of wind power forecast errors. , 2013, , .		2
164	Stochastic collaborative planning method for electric vehicle charging stations. , 2016, , .		2
165	Flexible Operation Planning Scheme Considering Wind Power Generation Forecasting Uncertainties. Electric Power Components and Systems, 2017, 45, 465-475.	1.0	2
166	Smooth states transition control strategy for microgrid. , 2017, , .		2
167	Hierarchical power flow algorithm for standalone hybrid AC/Multi-DC microgrids. , 2017, , .		2
168	Transmission expansion planning with wind generation considering TCSC. , 2017, , .		2
169	An economic optimization for BESS sizing in a hybrid PV and wind power plant. , 2017, , .		2
170	Expansion Co-Planning of Integrated Electricity-Heat-Gas Networks in District Energy Systems. , 2018, , .		2
171	Zonal Formation for Multiple Microgrids using Load Flow Sensitivity Analysis. , 2018, , .		2
172	Frequency enhancement of grid-forming inverters under low-SCR weak grid. , 2019, , .		2
173	Energy Storage Strategy in a Non-Agent Energy Trading Platform: Energy Bank System. , 2019, , .		2
174	Stochastic Distribution Expansion Planning with Wind Power Generation and Electric Vehicles Considering Carbon Emissions. , 2020, , .		2
175	Stochastic Electric Vehicle Charging Optimization in Distribution Network. , 2021, , .		2
176	System Strength Challenges:An Overview of Energy Transition in Australiaâ€™s National Electricity Market. , 2021, , .		2
177	Integration of Electric Vehicle Load and Charging Infrastructure in Distribution Network. , 2021, , .		2
178	Grid Computing. , 2010, , 95-115.		2
179	Coordinated LVRT and HVRT Control Scheme for PMSG-based Wind Farm. , 2019, , .		2
180	Day-ahead electricity market price forecasting based on Panel Cointegration. , 2010, , .		1

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181	Unit Commitment Considering Probabilistic Wind Generation. , 2012, , .		1
182	A novel short-term dispatch scheme for wind farm with battery energy storage system. , 2013, , .		1
183	Distributed Consensus Control with Event-Triggered Communication for Multi-Microgrid Cluster. , 2019, , .		1
184	Multi-objective Urban Electricity Network Transition Considering Generation Retirement. , 2019, , .		1
185	Comparisons of Machine Learning Methods for Electricity Regional Reference Price Forecasting. Lecture Notes in Computer Science, 2009, , 827-835.	1.0	1
186	Probabilistic vs Deterministic Power System Stability and Reliability Assessment. , 2010, , 117-145.		1
187	Double-sided ring topology for offshore wind fram collector system layout: a multi-cable application. , 2019, , .		1
188	Comparison of various solution techniques in dispatching coupled electricityâ€heat system with independent thermal energy storage. IET Renewable Power Generation, 2020, 14, 344-351.	1.7	1
189	Frequency Control Impact of Electric Vehicles on Grid-Connected Areas. , 2020, , .		1
190	ADMM-based Optimum Power Flow in Nested Microgrids. , 2020, , .		1
191	R-Chain: A Universally Composable Relay Resilience Framework for Smart Grids. , 2021, , .		1
192	KEF: A Key Exchange Framework for Operational Technology Security Standards and Guidelines. , 2022, , .		1
193	Transient stability assessment based on data-structure analysis of operating point space. , 2010, , .		0
194	A Novel XML-Based Power Resource Modeling Framework for Power System Heterogeneous Data Integrating. Applied Mechanics and Materials, 0, 58-60, 1476-1481.	0.2	0
195	Applying Computational Grid Technology to Power System. Applied Mechanics and Materials, 0, 58-60, 1442-1447.	0.2	0
196	Customized residential load scheduling based on data-driven appliance modeling strategy. , 2016, , .		0
197	Consensus-driven distributed control of battery energy storage systems for loading management in distribution networks. , 2016, , .		0
198	A run-off algorithm based approach for optimal operation of a DCCHP system. , 2016, , .		0

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199	A distributed control for active power curtailment within a wind farm based on ratio consensus algorithms. , 2016, , .		0
200	Optimal wind turbine and air conditioner loads control in distribution networks through MILP approach. , 2016, , .		0
201	Scheduling in Coupled Electric and Gas Distribution Networks. Power Systems, 2018, , 153-178.	0.3	0
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