Ke Meng

List of Publications by Year
in descending order

216 papers	6,644 citations	66343 42 h-index	74163 75 g-index
216 all docs	216 docs citations	216 times ranked	5623 citing authors

#	Article	IF	Citations
1	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.	6.5	5
2	An Overview of System Strength Challenges in Australiaâ€™s National Electricity Market Grid. Electronics (Switzerland), 2022, 11, 224.	3.1	5
3	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.	5.4	25
4	KEF: A Key Exchange Framework for Operational Technology Security Standards and Guidelines. , 2022, , .		1
5	Adaptive Droop Control of Multi-Terminal HVDC Network for Frequency Regulation and Power Sharing. IEEE Transactions on Power Systems, 2021, 36, 566-578.	6.5	33
6	Nested Formation Approach for Networked Microgrid Self-Healing in Islanded Mode. IEEE Transactions on Power Delivery, 2021, 36, 452-464.	4.3	33
7	Economic Model Predictive Control of a Point Absorber Wave Energy Converter. IEEE Transactions on Sustainable Energy, 2021, 12, 578-586.	8.8	16
8	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.	6.5	26
9	Collector System Topology Design for Offshore Wind Farm's Repowering and Expansion. IEEE Transactions on Sustainable Energy, 2021, 12, 847-859.	8.8	19
10	Load Balancing in Low-Voltage Distribution Network via Phase Reconfiguration: An Efficient Sensitivity-Based Approach. IEEE Transactions on Power Delivery, 2021, 36, 2174-2185.	4.3	14
11	A Finite-Time Distributed Optimization Algorithm for Economic Dispatch in Smart Grids. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2068-2079.	9.3	40
12	Assessment and Enhancement of Static Voltage Stability With Inverter-Based Generators. IEEE Transactions on Power Systems, 2021, 36, 2737-2740.	6.5	7
13	SComm: A Real-Time Mutually Authenticated Secure Communication Framework for Smart Grids. , 2021, , .		0
14	A Privacy Preserving Distributed Optimization Algorithm for Economic Dispatch Over Time-Varying Directed Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 1689-1701.	11.3	58
15	Online Sequential Extreme Learning Machine Algorithm for Better Predispatch Electricity Price Forecasting Grids. IEEE Transactions on Industry Applications, 2021, 57, 1860-1871.	4.9	13
16	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.	9.3	21
17	Improved Power Engineering Curriculum: Analysis in a Year 3 Course in Electrical Engineering. , 2021, , .		3
18	Stochastic Electric Vehicle Charging Optimization in Distribution Network. , 2021, , .		2

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19	System Strength Challenges:An Overview of Energy Transition in Australiaâ€™s National Electricity Market. , 2021, , .		2
20	Integration of Electric Vehicle Load and Charging Infrastructure in Distribution Network. , 2021, , .		2
21	Wind Farm Level Coordination for Optimal Inertial Control With a Second-Order Cone Predictive Model. IEEE Transactions on Sustainable Energy, 2021, 12, 2353-2366.	8.8	4
22	A Two-Layer Hybrid Optimization Approach for Large-Scale Offshore Wind Farm Collector System Planning. IEEE Transactions on Industrial Informatics, 2021, 17, 7433-7444.	11.3	20
23	Robust Regional Coordination of Inverter-Based Volt/Var Control via Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Smart Grid, 2021, 12, 5420-5433.	9.0	29
24	R-Chain: A Universally Composable Relay Resilience Framework for Smart Grids. , 2021, , .		1
25	HESS Sizing Methodology for an Existing Thermal Generator for the Promotion of AGC Response Ability. IEEE Transactions on Sustainable Energy, 2020, 11, 608-617.	8.8	13
26	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.	5.5	25
27	Collector System Topology for Large-Scale Offshore Wind Farms Considering Cross-Substation Incorporation. IEEE Transactions on Sustainable Energy, 2020, 11, 1601-1611.	8.8	14
28	A Composite Anomaly Detection System for Data-Driven Power Plant Condition Monitoring. IEEE Transactions on Industrial Informatics, 2020, 16, 4390-4402.	11.3	33
29	Sliding Framework for Inverter-Based Microgrid Control. IEEE Transactions on Power Systems, 2020, 35, 1657-1660.	6.5	7
30	A Probabilistic Assessment Method for Voltage Stability Considering Large Scale Correlated Stochastic Variables. IEEE Access, 2020, 8, 5407-5415.	4.2	12
31	Economic-Driven Frequency Regulation in Multi-Terminal HVDC Systems: A Cooperative Distributed Approach. IEEE Transactions on Power Systems, 2020, 35, 2245-2255.	6.5	14
32	Thermal Inertial Aggregation Model for Integrated Energy Systems. IEEE Transactions on Power Systems, 2020, 35, 2374-2387.	6.5	71
33	Electricity plan recommender system with electrical instruction-based recovery. Energy, 2020, 203, 117775.	8.8	11
34	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.	9.0	51
35	Autonomous Control Strategy for Microgrid Operating Modes Smooth Transition. IEEE Access, 2020, 8, 142159-142172.	4.2	17
36	Development of HVRT and LVRT Control Strategy for PMSG-Based Wind Turbine Generators. Energies, 2020, 13, 5442.	3.1	15

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37	Unbalance Mitigation via Phase-Switching Device and Static Var Compensator in Low-Voltage Distribution Network. IEEE Transactions on Power Systems, 2020, 35, 4856-4869.	6.5	21
38	Stochastic Distribution Expansion Planning with Wind Power Generation and Electric Vehicles Considering Carbon Emissions. , 2020, , .		2
39	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.	5.5	44
40	Hydraulic-Thermal Cooperative Optimization of Integrated Energy Systems: A Convex Optimization Approach. IEEE Transactions on Smart Grid, 2020, 11, 4818-4832.	9.0	33
41	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.	9.0	60
42	Energy sharing strategy based on call auction trading: Energy bank system. International Journal of Electrical Power and Energy Systems, 2020, 123, 106320.	5.5	10
43	A Fixed-Point Based Distributed Method for Energy Flow Calculation in Multi-Energy Systems. IEEE Transactions on Sustainable Energy, 2020, 11, 2567-2580.	8.8	22
44	Multi-Agent-Based Voltage Regulation Scheme for High Photovoltaic Penetrated Active Distribution Networks Using Battery Energy Storage Systems. IEEE Access, 2020, 8, 7323-7333.	4.2	17
45	Modeling of distributed generators and converters control for power flow analysis of networked islanded hybrid microgrids. Electric Power Systems Research, 2020, 184, 106343.	3.6	13
46	Low-Carbon Electricity Network Transition Considering Retirement of Aging Coal Generators. IEEE Transactions on Power Systems, 2020, 35, 4193-4205.	6.5	37
47	Comparison of various solution techniques in dispatching coupled electricityâ€heat system with independent thermal energy storage. IET Renewable Power Generation, 2020, 14, 344-351.	3.1	1
48	Multi-stage Low-carbon Power System Planning Considering Generation Retirement and R retrofit. , 2020, , .		3
49	Dispatch of Integrated Energy Systems Considering Thermal Dynamics of Thermal Energy Storage. , 2020, , .		0
50	Idenx: A Blockchain-based Identity Management System for Supply Chain Attacks Mitigation in Smart Grids. , 2020, , .		5
51	Converter-Driven Voltage Instability in Weak Grid Considering Cross-domain Impedance. , 2020, , .		0
52	Optimal placement of phaseâ€reconfiguration devices in lowâ€voltage distribution network with residential PV generation. IET Renewable Power Generation, 2020, 14, 3752-3761.	3.1	4
53	Robust fault detection approach for wind farms considering missing data tolerance and recovery. IET Renewable Power Generation, 2020, 14, 4150-4158.	3.1	6
54	An Optimal Dispatch Model for Stand-Alone Microgrids Convexifying Operational Constraints of Distributed Generation. , 2020, , .		0

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55	Control Strategy of Three-phase Inverter under Weak Grid Condition. , 2020, , .		4
56	Frequency Control Impact of Electric Vehicles on Grid-Connected Areas. , 2020, , .		1
57	ADMM-based Optimum Power Flow in Nested Microgrids. , 2020, , .		1
58	Collaborative Filtering-Based Electricity Plan Recommender System. IEEE Transactions on Industrial Informatics, 2019, 15, 1393-1404.	11.3	31
59	Probabilistic evaluation of a power system's capability to accommodate uncertain wind power generation. IET Renewable Power Generation, 2019, 13, 1780-1788.	3.1	4
60	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.	6.5	71
61	Discussion on â€œPiecewise Linearization of Quadratic Branch Flow Limits by Irregular Polygonâ€. IEEE Transactions on Power Systems, 2019, 34, 5095-5096.	6.5	0
62	Impact of Utility-Scale Energy Storage Systems on Power System Transient Stability Considering Operating Uncertainties. , 2019, , .		0
63	Bayesian Hybrid Collaborative Filtering-Based Residential Electricity Plan Recommender System. IEEE Transactions on Industrial Informatics, 2019, 15, 4731-4741.	11.3	23
64	Distributed Consensus Control with Event-Triggered Communication for Multi-Microgrid Cluster. , 2019, , .		1
65	Axialâ€flux permanentâ€magnet synchronous generator with coreless armature and nonâ€integral coilâ€“pole ratio. IET Renewable Power Generation, 2019, 13, 245-252.	3.1	8
66	A hierarchical alternating direction method of multipliers for fully distributed unit commitment. International Journal of Electrical Power and Energy Systems, 2019, 108, 204-217.	5.5	22
67	Offshore Transmission Network Planning for Wind Integration Considering AC and DC Transmission Options. IEEE Transactions on Power Systems, 2019, 34, 4258-4268.	6.5	15
68	An improved probabilistic load flow simulation method considering correlated stochastic variables. International Journal of Electrical Power and Energy Systems, 2019, 111, 260-268.	5.5	44
69	Optimal Dispatch of Coupled Electricity and Heat System With Independent Thermal Energy Storage. IEEE Transactions on Power Systems, 2019, 34, 3250-3263.	6.5	36
70	Evaluation Index of Demand Response Based on Stationary Measure of Time series. , 2019, , .		0
71	Co-ordinated Approach of Hybrid Adaptive Control on Wind Energy Integrated VSC-Multiterminal HVDC Grids. , 2019, , .		0
72	Frequency enhancement of grid-forming inverters under low-SCR weak grid. , 2019, , .		2

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73	Multi-objective Urban Electricity Network Transition Considering Generation Retirement. , 2019, , .		1
74	Energy Storage Strategy in a Non-Agent Energy Trading Platform: Energy Bank System. , 2019, , .		2
75	Critical Bus Voltage Support in Islanded Microgrids with Consensus Algorithm of Distributed Generators. , 2019, , .		0
76	Distributed Consensus Control of Thermostatically Controlled Loads for Fast Ancillary Services. , 2019, , .		0
77	Improving Hosting Capacity of Unbalanced Distribution Networks via Battery Energy Storage Systems. , 2019, , .		4
78	Mixedâ€integer secondâ€order cone programming framework for optimal scheduling of microgrids considering power flow constraints. IET Renewable Power Generation, 2019, 13, 2673-2683.	3.1	5
79	Sequence control strategy for hybrid energy storage system for wind smoothing. IET Generation, Transmission and Distribution, 2019, 13, 4482-4490.	2.5	13
80	Optimal shared mobility planning for electric vehicles in the distribution network. IET Generation, Transmission and Distribution, 2019, 13, 2257-2267.	2.5	11
81	Decentralized Optimal Control of a Microgrid with Solar PV, BESS and Thermostatically Controlled Loads. Energies, 2019, 12, 2111.	3.1	13
82	A Power-to-Gas Integrated Microgrid Optimal Operation Strategy Based on Rolling Horizon. , 2019, , .		4
83	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.	5.4	18
84	Offshore wind farm collector system layout optimization based on self-tracking minimum spanning tree. International Transactions on Electrical Energy Systems, 2019, 29, e2729.	1.9	10
85	Unified Power Flow Algorithm for Standalone AC/DC Hybrid Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 639-649.	9.0	80
86	Online Distributed MPC-Based Optimal Scheduling for EV Charging Stations in Distribution Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 638-649.	11.3	135
87	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.	9.3	44
88	Stability-constrained offshore transmission planning for large-scale remote wind farm. , 2019, , .		0
89	Double-sided ring topology for offshore wind fram collector system layout: a multi-cable application. , 2019, , .		1
90	Stability Analysis of Grid-Connected VSC Based on Impedance Modelling. , 2019, , .		0

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91	Improving Operation Feasibility of Low-voltage Distribution Network by Phase-switching Devices. , 2019, , .		0
92	Coordinated LVRT and HVRT Control Scheme for PMSG-based Wind Farm. , 2019, , .		2
93	Scheduling in Coupled Electric and Gas Distribution Networks. Power Systems, 2018, , 153-178.	0.5	0
94	Utilisation of kinetic energy from wind turbine for grid connections: a review paper. IET Renewable Power Generation, 2018, 12, 615-624.	3.1	30
95	Stochastic Collaborative Planning of Electric Vehicle Charging Stations and Power Distribution System. IEEE Transactions on Industrial Informatics, 2018, 14, 321-331.	11.3	140
96	Variable Droop Voltage Control For Wind Farm. IEEE Transactions on Sustainable Energy, 2018, 9, 491-493.	8.8	50
97	Optimal Operation of Battery Energy Storage System Considering Distribution System Uncertainty. IEEE Transactions on Sustainable Energy, 2018, 9, 1051-1060.	8.8	87
98	Robustness of networks formed from interdependent correlated networks under intentional attacks. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 329-339.	2.6	9
99	Coordinated Dispatch of Virtual Energy Storage Systems in LV Grids for Voltage Regulation. IEEE Transactions on Industrial Informatics, 2018, 14, 2452-2462.	11.3	64
100	Distributed Gas-fired Generation and Battery Energy Storage Planning in a Thin Distribution System. , 2018, , .		0
101	Expansion Co-Planning of Integrated Electricity-Heat-Gas Networks in District Energy Systems. , 2018, , .		2
102	Zonal Formation for Multiple Microgrids using Load Flow Sensitivity Analysis. , 2018, , .		2
103	Comprehensive solution of networked microgrid towards enhanced overload resiliency. , 2018, , .		5
104	Supplementary Frequency Regulation with Multiple Virtual Energy Storage System Aggregators. Electric Power Components and Systems, 2018, 46, 1719-1730.	1.8	4
105	Big Data-driven Electricity Plan Recommender System. , 2018, , .		4
106	Decentralized Optimal Reactive Power Dispatch of Optimally Partitioned Distribution Networks. IEEE Access, 2018, 6, 74051-74060.	4.2	12
107	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.	4.7	5
108	Control Strategy of Hybrid Energy Storage System to Improve AGC Performance of Thermal Generator. , 2018, , .		5

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109	Two-stage energy management for networked microgrids with high renewable penetration. Applied Energy, 2018, 226, 39-48.	10.1	156
110	Optimal integration of MBESSs/SBESSs in distribution systems with renewables. IET Renewable Power Generation, 2018, 12, 1172-1179.	3.1	19
111	Coordinated Optimal Scheduling of Multi-energy Microgrid Considering Uncertainties. , 2018, , .		5
112	Hierarchical control scheme for coordinated reactive power regulation in clustered wind farms. IET Renewable Power Generation, 2018, 12, 1119-1126.	3.1	18
113	An Operational Planning Framework for Large-Scale Thermostatically Controlled Load Dispatch. IEEE Transactions on Industrial Informatics, 2017, 13, 217-227.	11.3	66
114	Optimal Power Sharing Control of Wind Turbines. IEEE Transactions on Power Systems, 2017, 32, 824-825.	6.5	28
115	Optimal air-conditioning load control in distribution network with intermittent renewables. Journal of Modern Power Systems and Clean Energy, 2017, 5, 55-65.	5.4	26
116	Hierarchical SCOPF Considering Wind Energy Integration Through Multiterminal VSC-HVDC Grids. IEEE Transactions on Power Systems, 2017, 32, 4211-4221.	6.5	44
117	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.	11.3	62
118	Coordinated expansion co-planning of integrated gas and power systems. Journal of Modern Power Systems and Clean Energy, 2017, 5, 314-325.	5.4	26
119	A novel projected two-binary-variable formulation for unit commitment in power systems. Applied Energy, 2017, 187, 732-745.	10.1	50
120	Cooperation-Driven Distributed Control Scheme for Large-Scale Wind Farm Active Power Regulation. IEEE Transactions on Energy Conversion, 2017, 32, 1240-1250.	5.2	27
121	Flexible Operation Planning Scheme Considering Wind Power Generation Forecasting Uncertainties. Electric Power Components and Systems, 2017, 45, 465-475.	1.8	2
122	Critical Bus Voltage Support in Distribution Systems With Electric Springs and Responsibility Sharing. IEEE Transactions on Power Systems, 2017, 32, 3584-3593.	6.5	47
123	Improved Cycle Control and Sizing Scheme for Wind Energy Storage System Based on Multiobjective Optimization. IEEE Transactions on Sustainable Energy, 2017, 8, 966-977.	8.8	26
124	Power Flow Features and Balancing in MTDC Integrated Offshore Wind Farms. Electric Power Components and Systems, 2017, 45, 1068-1079.	1.8	3
125	Power network planning considering tradeâ€off between cost, risk, and reliability. International Transactions on Electrical Energy Systems, 2017, 27, e2462.	1.9	6
126	Optimal scheduling of hydro-thermal power systems considering the flood risk of cascade reservoirs. Engineering Optimization, 2017, 49, 1299-1316.	2.6	5

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127	Maximum Wind Energy Extraction for Variable Speed Wind Turbines With Slow Dynamic Behavior. IEEE Transactions on Power Systems, 2017, 32, 3321-3322.	6.5	53
128	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.	8.8	71
129	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.	2.5	89
130	Network reinforcement for grid resiliency under extreme events. , 2017, , .		5
131	Effect of automatic hyperparameter tuning for residential load forecasting via deep learning. , 2017, , .		15
132	Smooth states transition control strategy for microgrid. , 2017, , .		2
133	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.	5.4	14
134	Hierarchical power flow algorithm for standalone hybrid AC/Multi-DC microgrids. , 2017, , .		2
135	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.	2.5	119
136	A mixed logical dynamical model for optimal energy scheduling in microgrids. , 2017, , .		3
137	Transmission expansion planning with wind generation considering TCSC. , 2017, , .		2
138	An economic optimization for BESS sizing in a hybrid PV and wind power plant. , 2017, , .		2
139	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.	1.7	18
140	Coordinated dispatch of networked energy storage systems for loading management in active distribution networks. IET Renewable Power Generation, 2016, 10, 1374-1381.	3.1	21
141	Non-interruptive thermostatically controlled load for primary frequency support. , 2016, , .		4
142	Distributed control of air-conditioning loads for voltage regulation in active distribution network. , 2016, , .		3
143	Customized residential load scheduling based on data-driven appliance modeling strategy. , 2016, , .		0
144	Robust OPF considering load and renewable power uncertainties in multi-terminal HVDC grids. , 2016, , .		4

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145	Stochastic collaborative planning method for electric vehicle charging stations. , 2016, , .		2
146	Consensus-driven distributed control of battery energy storage systems for loading management in distribution networks. , 2016, , .		0
147	A run-off algorithm based approach for optimal operation of a DCCHP system. , 2016, , .		0
148	Voltage regulation in distribution network using battery storage units via distributed optimization. , 2016, , .		5
149	Risk constrained battery energy storage planning in active distribution networks. , 2016, , .		3
150	Recommending electricity plans: A data-driven method. , 2016, , .		5
151	A distributed control for active power curtailment within a wind farm based on ratio consensus algorithms. , 2016, , .		0
152	Electrical Vehicle Wireless Charging Technology Based on Energy Internet Application in China. Procedia Computer Science, 2016, 83, 1332-1337.	2.0	13
153	Rational and self-adaptive evolutionary extreme learning machine for electricity price forecast. Memetic Computing, 2016, 8, 223-233.	4.0	28
154	Optimal sizing of substationâ€scale energy storage station considering seasonal variations in wind energy. IET Generation, Transmission and Distribution, 2016, 10, 3241-3250.	2.5	15
155	Optimal allocation of battery energy storage systems in distribution networks with high wind power penetration. IET Renewable Power Generation, 2016, 10, 1105-1113.	3.1	132
156	Multiâ€objective transmission expansion planning in a smart grid using a decompositionâ€based evolutionary algorithm. IET Generation, Transmission and Distribution, 2016, 10, 4024-4031.	2.5	12
157	Optimal wind turbine and air conditioner loads control in distribution networks through MILP approach. , 2016, , .		0
158	Collector System Layout Optimization Framework for Large-Scale Offshore Wind Farms. IEEE Transactions on Sustainable Energy, 2016, 7, 1398-1407.	8.8	44
159	Flexible Operational Planning Framework Considering Multiple Wind Energy Forecasting Service Providers. IEEE Transactions on Sustainable Energy, 2016, 7, 708-717.	8.8	20
160	Shortâ€term operational planning framework for virtual power plants with high renewable penetrations. IET Renewable Power Generation, 2016, 10, 623-633.	3.1	88
161	Insurance strategy for mitigating power system operational risk introduced by wind power forecasting uncertainty. Renewable Energy, 2016, 89, 606-615.	8.9	20
162	A Linear Programming Approach to Expansion Co-Planning in Gas and Electricity Markets. IEEE Transactions on Power Systems, 2016, 31, 3594-3606.	6.5	99

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163	Optimal Short-term Power Dispatch Scheduling for a Wind Farm with Battery Energy Storage System. IFAC-PapersOnLine, 2015, 48, 518-523.	0.9	26
164	A MILP approach to accommodate more Building Integrated Photovoltaic system in distribution network. , 2015, , .		6
165	N-k Induced Cascading Contingency Screening. IEEE Transactions on Power Systems, 2015, 30, 2824-2825.	6.5	35
166	Voltage Support for Critical Buses with Consensus Control of Electric Springs in Distribution Systems. IFAC-PapersOnLine, 2015, 48, 173-178.	0.9	12
167	Advanced Pattern Discovery-based Fuzzy Classification Method for Power System Dynamic Security Assessment. IEEE Transactions on Industrial Informatics, 2015, 11, 416-426.	11.3	44
168	Low Carbon Oriented Expansion Planning of Integrated Gas and Power Systems. IEEE Transactions on Power Systems, 2015, 30, 1035-1046.	6.5	162
169	A low-carbon oriented probabilistic approach for transmission expansion planning. Journal of Modern Power Systems and Clean Energy, 2015, 3, 14-23.	5.4	14
170	Expansion co-planning for shale gas integration in a combined energy market. Journal of Modern Power Systems and Clean Energy, 2015, 3, 302-311.	5.4	18
171	An Experimental Study on Emission Trading Behaviors of Generation Companies. IEEE Transactions on Power Systems, 2015, 30, 1076-1083.	6.5	22
172	Metal chalcogenides as counter electrode materials in quantum dot sensitized solar cells: a perspective. Journal of Materials Chemistry A, 2015, 3, 23074-23089.	10.3	105
173	Efficient real-time residential energy management through MILP based rolling horizon optimization. , 2015, , .		21
174	Cooperation-Driven Distributed Model Predictive Control for Energy Storage Systems. IEEE Transactions on Smart Grid, 2015, 6, 2583-2585.	9.0	40
175	Optimal integration of mobile battery energy storage in distribution system with renewables. Journal of Modern Power Systems and Clean Energy, 2015, 3, 589-596.	5.4	30
176	Coordinated Operational Planning for Wind Farm With Battery Energy Storage System. IEEE Transactions on Sustainable Energy, 2015, 6, 253-262.	8.8	198
177	Expansion co-planning with uncertainties in a coupled energy market. , 2014, , .		3
178	Optimal Allocation of Energy Storage System for Risk Mitigation of DISCOs With High Renewable Penetrations. IEEE Transactions on Power Systems, 2014, 29, 212-220.	6.5	274
179	Electric Vehicle Battery Charging/Swap Stations in Distribution Systems: Comparison Study and Optimal Planning. IEEE Transactions on Power Systems, 2014, 29, 221-229.	6.5	396
180	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.	6.5	97

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181	A Multi-Objective Collaborative Planning Strategy for Integrated Power Distribution and Electric Vehicle Charging Systems. IEEE Transactions on Power Systems, 2014, 29, 1811-1821.	6.5	298
182	A hierarchical optimization framework for aggregating thermostatically controlled loads to minimize real-time thermal rating of overhead distribution lines. , 2014, , .		3
183	Economic Scheduling of CCHP Systems Considering the Tradable Green Certificates. Intelligent Systems, Control and Automation: Science and Engineering, 2014, , 139-160.	0.5	0
184	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.	2.5	155
185	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.	5.4	21
186	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.	5.4	55
187	Extreme learning machine-based predictor for real-time frequency stability assessment of electric power systems. Neural Computing and Applications, 2013, 22, 501-508.	5.6	52
188	Demand response through smart home energy management using thermal inertia. , 2013, , .		20
189	Risk sharing strategy for minimizing imbalance costs of wind power forecast errors. , 2013, , .		2
190	A novel short-term dispatch scheme for wind farm with battery energy storage system. , 2013, , .		1
191	A control strategy of battery energy storage system and allocation in distribution systems. , 2013, , .		4
192	Unit Commitment Considering Probabilistic Wind Generation. , 2012, , .		1
193	Optimal Allocation of ESS in Distribution Systems Considering Wind Power Uncertainties. , 2012, , .		10
194	Hybrid cloud computing platform: The next generation IT backbone for smart grid. , 2012, , .		8
195	An Intelligent Dynamic Security Assessment Framework for Power Systems With Wind Power. IEEE Transactions on Industrial Informatics, 2012, 8, 995-1003.	11.3	80
196	Electricity Price Forecasting With Extreme Learning Machine and Bootstrapping. IEEE Transactions on Power Systems, 2012, 27, 2055-2062.	6.5	214
197	A Hybrid Method for Transient Stability-Constrained Optimal Power Flow Computation. IEEE Transactions on Power Systems, 2012, 27, 1769-1777.	6.5	73
198	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.	11.3	168

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199	Intelligent systems for power system dynamic security assessment: Review and classification. , 2011, , .		15
200	Differential evolution algorithm for multi-objective economic load dispatch considering minimum emission costs. , 2011, , .		8
201	Transient stability assessment based on data-structure analysis of operating point space. , 2010, , .		0
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