

Qiuwei Wu

List of Publications by Year in descending order

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364
papers

12,412
citations

31976

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367
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367
times ranked

7944
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Virtual Inductance Control Method for Frequency Stabilization of Grid-Forming Virtual Synchronous Generators. IEEE Transactions on Industrial Electronics, 2023, 70, 441-451.	7.9	19
2	Active Fault Current Limitation for Low-Voltage Ride-Through of Networked Microgrids. IEEE Transactions on Power Delivery, 2022, 37, 980-992.	4.3	7
3	Distributed Weight-Average-Prediction Control and Stability Analysis for an Islanded Microgrid With Communication Time Delay. IEEE Transactions on Power Systems, 2022, 37, 330-342.	6.5	32
4	Deep Learning Based Model-Free Robust Load Restoration to Enhance Bulk System Resilience With Wind Power Penetration. IEEE Transactions on Power Systems, 2022, 37, 1969-1978.	6.5	19
5	Mathematical model of multi-energy systems. , 2022, , 17-54.		0
6	A bi-level machine learning method for fault diagnosis of oil-immersed transformers with feature explainability. International Journal of Electrical Power and Energy Systems, 2022, 134, 107356.	5.5	22
7	Day-ahead stochastic optimal operation of the integrated electricity and heating system considering reserve of flexible devices. , 2022, , 221-249.		1
8	Two-stage stochastic optimal operation of integrated energy systems. , 2022, , 249-294.		1
9	Introduction of integrated energy systems. , 2022, , 1-16.		0
10	Chance-constrained energy and multi-type reserves scheduling exploiting flexibility from combined power and heat units and heat pumps. , 2022, , 195-221.		0
11	Decentralized robust energy and reserve co-optimization for multiple integrated electricity and heating systems. , 2022, , 171-195.		0
12	Coordination of dynamic tariff and scheduled reprofiling product for day-ahead congestion management of distribution networks. International Journal of Electrical Power and Energy Systems, 2022, 135, 107612.	5.5	9
13	Robust dynamic tariff method for day-ahead congestion management of distribution networks. International Journal of Electrical Power and Energy Systems, 2022, 134, 107366.	5.5	5
14	Distributed Coordinated Voltage Control for Distribution Networks With DG and OLTC Based on MPC and Gradient Projection. IEEE Transactions on Power Systems, 2022, 37, 680-690.	6.5	30
15	Closed-Loop Aggregated Baseline Load Estimation Using Contextual Bandit With Policy Gradient. IEEE Transactions on Smart Grid, 2022, 13, 243-254.	9.0	8
16	Robust coordination of repair and dispatch resources for post-disaster service restoration of the distribution system. International Journal of Electrical Power and Energy Systems, 2022, 136, 107611.	5.5	22
17	Distributed adaptive expansion approach for transmission and distribution networks incorporating source-contingency-load uncertainties. International Journal of Electrical Power and Energy Systems, 2022, 136, 107711.	5.5	12
18	An impedance amplitude compensation control strategy for improvement of dynamic performance of DC microgrid. International Journal of Electrical Power and Energy Systems, 2022, 136, 107462.	5.5	3

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19	Strategic investment for district heating systems participating in energy and reserve markets using heat flexibility. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 137, 107819.	5.5	14
20	Region based reconfiguration of distribution network: A post-contingency security solution. <i>Energy Reports</i> , 2022, 8, 422-428.	5.1	2
21	SoC threshold optimization for battery storage in frequency regulation considering uncertainty of SoC measurement and automatic generation control fatigue loss of thermal power system. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 137, 107771.	5.5	3
22	Distributed optimal voltage control strategy for AC grid with DC connection and offshore wind farms based on ADMM. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 137, 107802.	5.5	6
23	Design and Simulation of a Centralized Self-Healing Scheme for Unbalanced Three-phase Electrical Distribution Systems. <i>Journal of Control, Automation and Electrical Systems</i> , 2022, 33, 901-911.	2.0	0
24	Improved Ramping and Reserve Modeling of Combined Heat and Power in Integrated Energy Systems for Better Renewable Integration. <i>IEEE Transactions on Sustainable Energy</i> , 2022, 13, 683-692.	8.8	8
25	Deep Reinforcement Learning-Based Charging Pricing for Autonomous Mobility-on-Demand System. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 1412-1426.	9.0	41
26	A peer-to-peer energy trading market embedded with residential shared energy storage units. <i>Applied Energy</i> , 2022, 308, 118400.	10.1	59
27	Dynamic energy flow analysis of integrated gas and electricity systems using the holomorphic embedding method. <i>Applied Energy</i> , 2022, 309, 118345.	10.1	14
28	Joint bidding and pricing for electricity retailers based on multi-task deep reinforcement learning. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 138, 107897.	5.5	9
29	Day-ahead interval optimization for CCHP system considering uncertainty of wind power and PV. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 138, 107895.	5.5	35
30	Coordination of Preventive, Emergency and Restorative Dispatch in Extreme Weather Events. <i>IEEE Transactions on Power Systems</i> , 2022, 37, 2624-2638.	6.5	13
31	Single-Loop Control for Single-Phase Dual-Boost Grid-Tied Inverter With Half Cycle Modulation and Feedforward Virtual-Vectors MPC. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 13918-13924.	7.9	4
32	Resilient scheduling of MESSs and RCs for distribution system restoration considering the forced cut-off of wind power. <i>Energy</i> , 2022, 244, 123081.	8.8	14
33	Bi-level retail pricing scheme considering price-based demand response of multi-energy buildings. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 139, 108007.	5.5	6
34	MPC Coordinated Primary Frequency Support of Small- and Large-Scale Heat Pumps. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 2000-2010.	9.0	5
35	Active and Reactive Power Coordinated Two-Stage MG Scheduling for Resilient Distribution Systems Under Uncertainties. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 2986-2998.	9.0	18
36	Optimized Modulation Strategy of NH3L-DAB Converter to Minimize RMS Current for Wide Voltage Range Applications. <i>IEEE Transactions on Power Electronics</i> , 2022, 37, 7789-7808.	7.9	6

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37	Decentralized Volt/Var Control Based on Variable Gradient Projection for PMSG-Based Wind Farm. IEEE Transactions on Sustainable Energy, 2022, 13, 1305-1314.	8.8	4
38	Hybrid Stochastic-Robust Service Restoration for Wind Power Penetrated Distribution Systems Considering Subsequent Random Contingencies. IEEE Transactions on Smart Grid, 2022, 13, 2859-2872.	9.0	10
39	An Improved Two-Stage Deep Reinforcement Learning Approach for Regulation Service Disaggregation in a Virtual Power Plant. IEEE Transactions on Smart Grid, 2022, 13, 2844-2858.	9.0	23
40	Distributionally Robust Joint Chance-Constrained Dispatch for Electricity-Gas-Heat Integrated Energy System Considering Wind Uncertainty. Energies, 2022, 15, 1796.	3.1	9
41	A comprehensive overview of modeling approaches and optimal control strategies for cyber-physical resilience in power systems. Renewable Energy, 2022, 189, 1383-1406.	8.9	27
42	A dual-driven linear modeling approach for multiple energy flow calculation in electricity-heat system. Applied Energy, 2022, 314, 118872.	10.1	23
43	Optimal planning of local biomass-based integrated energy system considering anaerobic co-digestion. Applied Energy, 2022, 316, 119075.	10.1	16
44	A robust restoration decision-making strategy for unbalanced distribution networks considering the uncertainty of photovoltage generators. International Journal of Electrical Power and Energy Systems, 2022, 141, 108202.	5.5	6
45	Hierarchical Event-Triggered MPC-Based Coordinated Control for HVRT and Voltage Restoration of Large-Scale Wind Farm. IEEE Transactions on Sustainable Energy, 2022, 13, 1819-1829.	8.8	8
46	Distributed Collaborative Optimization of a Multi-Region Integrated Energy System Based on Edge Computing Unit. Frontiers in Energy Research, 2022, 10, .	2.3	0
47	Optimal sizing of hybrid energy storage system considering power smoothing and transient frequency regulation. International Journal of Electrical Power and Energy Systems, 2022, 142, 108227.	5.5	17
48	On Nash-Stackelberg-Nash games under decision-dependent uncertainties: Model and equilibrium. Automatica, 2022, 142, 110401.	5.0	11
49	An improved data-driven methodology and field-test verification of yaw misalignment calibration on wind turbines. Energy Conversion and Management, 2022, 266, 115786.	9.2	12
50	The role of power-to-X in hybrid renewable energy systems: A comprehensive review. Renewable and Sustainable Energy Reviews, 2022, 165, 112380.	16.4	31
51	A Gradient Correction-based Decentralized Optimal Var/Volt Adaptive Fault-Tolerant Control Method for Wind Farms. IEEE Transactions on Sustainable Energy, 2022, , 1-11.	8.8	0
52	Confidence Interval Based Distributionally Robust Real-Time Economic Dispatch Approach Considering Wind Power Accommodation Risk. IEEE Transactions on Sustainable Energy, 2021, 12, 58-69.	8.8	112
53	Supply Inadequacy Risk Evaluation of Stand-Alone Renewable Powered Heat-Electricity Energy Systems: A Data-Driven Robust Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 1937-1947.	11.3	11
54	A Hierarchical Inertial Control Scheme for Multiple Wind Farms With BESSs Based on ADMM. IEEE Transactions on Sustainable Energy, 2021, 12, 751-760.	8.8	46

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55	Peer-to-Peer Multienergy and Communication Resource Trading for Interconnected Microgrids. IEEE Transactions on Industrial Informatics, 2021, 17, 2522-2533.	11.3	74
56	Risk-Based Distributionally Robust Real-Time Dispatch Considering Voltage Security. IEEE Transactions on Sustainable Energy, 2021, 12, 36-45.	8.8	21
57	Online Optimal Feedback Voltage Control of Wind Farms: Decentralized and Asynchronous Implementations. IEEE Transactions on Sustainable Energy, 2021, 12, 1489-1492.	8.8	10
58	Optimal Stochastic Deployment of Heterogeneous Energy Storage in a Residential Multienergy Microgrid With Demand-Side Management. IEEE Transactions on Industrial Informatics, 2021, 17, 991-1004.	11.3	98
59	Predictive Torque and Stator Flux Control for N -Phase PMSM Drives With Parameter Robustness Improvement. IEEE Transactions on Power Electronics, 2021, 36, 1970-1983.	7.9	12
60	Optimal operation of integrated electricity and heat system: A review of modeling and solution methods. Renewable and Sustainable Energy Reviews, 2021, 135, 110098.	16.4	64
61	Robust MPC-based bidding strategy for wind storage systems in real-time energy and regulation markets. International Journal of Electrical Power and Energy Systems, 2021, 124, 106361.	5.5	33
62	A MILP-based restoration planning method for generator start-up considering flexible re-energizing times of transmission lines. International Journal of Electrical Power and Energy Systems, 2021, 124, 106357.	5.5	6
63	Short-term prediction of wind power and its ramp events based on semi-supervised generative adversarial network. International Journal of Electrical Power and Energy Systems, 2021, 125, 106411.	5.5	48
64	Distributed Distributionally Robust Dispatch for Integrated Transmission-Distribution Systems. IEEE Transactions on Power Systems, 2021, 36, 1193-1205.	6.5	54
65	Spatio-Temporal Decomposition and Coordination for Distributed Load Restoration in AC/DC Hybrid System. IEEE Transactions on Smart Grid, 2021, 12, 1685-1698.	9.0	7
66	Sustainable microgrid design considering blockchain technology for real-time price-based demand response programs. International Journal of Electrical Power and Energy Systems, 2021, 125, 106418.	5.5	50
67	MPC-based DC-link voltage control for enhanced high-voltage ride-through of offshore DFIG wind turbine. International Journal of Electrical Power and Energy Systems, 2021, 126, 106591.	5.5	22
68	A Reinforcement Learning-Based Decision System for Electricity Pricing Plan Selection by Smart Grid End Users. IEEE Transactions on Smart Grid, 2021, 12, 2176-2187.	9.0	30
69	Multistage Expansion Planning of Integrated Biogas and Electric Power Delivery System Considering the Regional Availability of Biomass. IEEE Transactions on Sustainable Energy, 2021, 12, 920-930.	8.8	25
70	Hierarchical Optimal Control for Synthetic Inertial Response of Wind Farm Based on Alternating Direction Method of Multipliers. IEEE Transactions on Sustainable Energy, 2021, 12, 25-35.	8.8	22
71	Distributionally Robust Microgrid Formation Approach for Service Restoration Under Random Contingency. IEEE Transactions on Smart Grid, 2021, 12, 4926-4937.	9.0	27
72	Two-step Optimal Allocation of Stationary and Mobile Energy Storage Systems in Resilient Distribution Networks. Journal of Modern Power Systems and Clean Energy, 2021, 9, 788-799.	5.4	33

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73	Optimal switching sequence model predictive control for three-level NPC grid-connected inverters. IET Power Electronics, 2021, 14, 626-639.	2.1	4
74	An Improved Impedance/Admittance Analysis Method Considering Collector Subsystem Transformation in Converter-Integrated Power Systems. IEEE Transactions on Power Systems, 2021, 36, 5963-5966.	6.5	3
75	A per-unit curve rotated decoupling method for CNN-TCN based day-ahead load forecasting. IET Generation, Transmission and Distribution, 2021, 15, 2773-2786.	2.5	11
76	A generalized voltage stability indicator based on the tangential angles of PV and load curves considering voltage dependent load models. International Journal of Electrical Power and Energy Systems, 2021, 127, 106624.	5.5	5
77	Stochastic Model Predictive Control for Integrated Energy System to Manage Real-Time Power Imbalances: Case of Denmark. , 2021, , .		1
78	A multi-time scale energy management method for active distribution networks with multiple terminal soft open point. International Journal of Electrical Power and Energy Systems, 2021, 128, 106767.	5.5	19
79	Low-carbon generation expansion planning considering uncertainty of renewable energy at multi-time scales. Global Energy Interconnection, 2021, 4, 261-272.	2.3	9
80	Uncertainty-fully-aware coordinated dispatch of integrated electricity and heat system. Energy, 2021, 224, 120182.	8.8	8
81	Feasibility verification of a MILP model by outer approximation for the optimal operation of natural gas networks. , 2021, , .		1
82	A data-adaptive robust unit commitment model considering high penetration of wind power generation and its enhanced uncertainty set. International Journal of Electrical Power and Energy Systems, 2021, 129, 106797.	5.5	17
83	Generalized attack separation scheme in cyber physical smart grid based on robust interval state estimation. International Journal of Electrical Power and Energy Systems, 2021, 129, 106741.	5.5	11
84	Optimal coordinated operation of integrated natural gas and electric power systems: A review of modeling and solution methods. Renewable and Sustainable Energy Reviews, 2021, 145, 111134.	16.4	32
85	Optimal Integration of Building Heating Loads in Integrated Heating/Electricity Community Energy Systems: A Bi-Level MPC Approach. IEEE Transactions on Sustainable Energy, 2021, 12, 1741-1754.	8.8	45
86	Nodal Flexibility Requirements for Tackling Renewable Power Fluctuations. IEEE Transactions on Power Systems, 2021, 36, 3227-3237.	6.5	11
87	Predictive cascaded speed and torque control for a novel three-modular three-phase PMSM. International Journal of Electrical Power and Energy Systems, 2021, 129, 106798.	5.5	10
88	Distributed layered control and stability analysis of islanded networked-microgrids. International Journal of Electrical Power and Energy Systems, 2021, 129, 106889.	5.5	9
89	Coordinated Droop Control and Adaptive Model Predictive Control for Enhancing HVRT and Post-Event Recovery of Large-Scale Wind Farm. IEEE Transactions on Sustainable Energy, 2021, 12, 1549-1560.	8.8	24
90	Data-driven stochastic unit commitment considering commercial air conditioning aggregators to provide multi-function demand response. International Journal of Electrical Power and Energy Systems, 2021, 129, 106790.	5.5	11

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91	Distributed optimal active and reactive power control for wind farms based on ADMM. International Journal of Electrical Power and Energy Systems, 2021, 129, 106799.	5.5	16
92	Economic and technological feasibility of using power-to-hydrogen technology under higher wind penetration in China. Renewable Energy, 2021, 173, 569-580.	8.9	46
93	Coordinated post-contingency dispatch of integrated energy system with multiple participants based on distributed energy trading. International Journal of Electrical Power and Energy Systems, 2021, 130, 107011.	5.5	8
94	Decentralized Data-Driven Load Restoration in Coupled Transmission and Distribution System With Wind Power. IEEE Transactions on Power Systems, 2021, 36, 4435-4444.	6.5	21
95	Distributed Generalized Nash Equilibrium Seeking for Energy Sharing Games in Prosumers. IEEE Transactions on Power Systems, 2021, 36, 3973-3986.	6.5	38
96	Model predictive control based real-time scheduling for balancing multiple uncertainties in integrated energy system with power-to-x. International Journal of Electrical Power and Energy Systems, 2021, 130, 107015.	5.5	20
97	Wind power scenario generation with non-separable spatio-temporal covariance function and fluctuation-based clustering. International Journal of Electrical Power and Energy Systems, 2021, 130, 106955.	5.5	8
98	Operational flexibility enhancements using mobile energy storage in day-ahead electricity market by game-theoretic approach. Energy, 2021, 232, 121008.	8.8	13
99	Chance-constrained energy and multi-type reserves scheduling exploiting flexibility from combined power and heat units and heat pumps. Energy, 2021, 233, 121176.	8.8	14
100	Robust coordination of multiple power sources for sequential service restoration of distribution systems. International Journal of Electrical Power and Energy Systems, 2021, 131, 107068.	5.5	16
101	Optimal design of hydro permanent magnet synchronous generators for improving annual cycle efficiency. International Journal of Electrical Power and Energy Systems, 2021, 131, 107096.	5.5	3
102	Power prediction of a wind farm cluster based on spatiotemporal correlations. Applied Energy, 2021, 302, 117568.	10.1	47
103	Real-time optimal operation of integrated electricity and heat system considering reserve provision of large-scale heat pumps. Energy, 2021, 237, 121606.	8.8	9
104	Adaptive Droop-Based Hierarchical Optimal Voltage Control Scheme for VSC-HVdc Connected Offshore Wind Farm. IEEE Transactions on Industrial Informatics, 2021, 17, 8165-8176.	11.3	46
105	Primary frequency support from local control of large-scale heat pumps. International Journal of Electrical Power and Energy Systems, 2021, 133, 107270.	5.5	8
106	Deep Reinforcement Learning Based Approach for Optimal Power Flow of Distribution Networks Embedded with Renewable Energy and Storage Devices. Journal of Modern Power Systems and Clean Energy, 2021, 9, 1101-1110.	5.4	41
107	Optimal Generator Start-Up Sequence for Bulk System Restoration With Active Distribution Networks. IEEE Transactions on Power Systems, 2021, 36, 2046-2057.	6.5	13
108	A Consensus-based Decentralized Algorithm for Service Restoration in Active Distribution Networks. , 2021, , .		0

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109	Proactive Microgrid Formation Strategy for Resilience Enhancement of Distribution Systems in Extreme Conditions. , 2021, , .		1
110	Security-aware stochastic optimization method for operating active distribution networks with resilience enhancement. Energy Reports, 2021, 7, 593-602.	5.1	4
111	Day-Ahead Two-Stage Stochastic Scheduling of Integrated Energy System Considering Spatial-Temporal Correlated Scenarios of Wind Power. , 2021, , .		2
112	Multi-Objective Coordinated Planning of Distributed Generation and Electric Vehicle Charging Station. , 2021, , .		0
113	Day-ahead Prediction of Wind Power Based on Conditional Generative Adversarial Network. , 2021, , .		4
114	Double-Time-Scale Coordinated Voltage Control in Active Distribution Networks Based on MPC. IEEE Transactions on Sustainable Energy, 2020, 11, 294-303.	8.8	60
115	Distributed Voltage Control Based on ADMM for Large-Scale Wind Farm Cluster Connected to VSC-HVDC. IEEE Transactions on Sustainable Energy, 2020, 11, 584-594.	8.8	47
116	Toward Intelligent Inertial Frequency Participation of Wind Farms for the Grid Frequency Control. IEEE Transactions on Industrial Informatics, 2020, 16, 6772-6786.	11.3	52
117	Feasibility Identification and Computational Efficiency Improvement for Two-Stage RUC With Multiple Wind Farms. IEEE Transactions on Sustainable Energy, 2020, 11, 1669-1678.	8.8	25
118	Receding horizon load restoration for coupled transmission and distribution system considering load-source uncertainty. International Journal of Electrical Power and Energy Systems, 2020, 116, 105517.	5.5	25
119	MPC based control strategy for battery energy storage station in a grid with high photovoltaic power penetration. International Journal of Electrical Power and Energy Systems, 2020, 115, 105448.	5.5	27
120	Hierarchical Active Power Control of DFIG-Based Wind Farm With Distributed Energy Storage Systems Based on ADMM. IEEE Transactions on Sustainable Energy, 2020, 11, 1528-1538.	8.8	35
121	Two-tier demand response with flexible demand swap and transactive control for real-time congestion management in distribution networks. International Journal of Electrical Power and Energy Systems, 2020, 114, 105399.	5.5	27
122	A reliable initial rotor position estimation method for sensorless control of interior permanent magnet synchronous motors. ISA Transactions, 2020, 97, 116-129.	5.7	8
123	Location of Single Phase to Ground Faults in Distribution Networks Based on Synchronous Transients Energy Analysis. IEEE Transactions on Smart Grid, 2020, 11, 774-785.	9.0	101
124	Decentralized Economic Operation Control for Hybrid AC/DC Microgrid. IEEE Transactions on Sustainable Energy, 2020, 11, 1898-1910.	8.8	25
125	Local flexibility markets: Literature review on concepts, models and clearing methods. Applied Energy, 2020, 261, 114387.	10.1	182
126	An adaptive time-resolution method for ultra-short-term wind power prediction. International Journal of Electrical Power and Energy Systems, 2020, 118, 105814.	5.5	30

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127	AC/AC grid connection of six-phase wind power generator based on enneagon MMC converter. International Journal of Electrical Power and Energy Systems, 2020, 118, 105810.	5.5	6
128	A Dynamic Robust Restoration Framework for Unbalanced Power Distribution Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 6301-6312.	11.3	12
129	Distributed Self-Healing Scheme for Unbalanced Electrical Distribution Systems Based on Alternating Direction Method of Multipliers. IEEE Transactions on Power Systems, 2020, 35, 2190-2199.	6.5	35
130	Mean-tracking model based stochastic economic dispatch for power systems with high penetration of wind power. Energy, 2020, 193, 116826.	8.8	31
131	Review of Service Restoration for Distribution Networks. Journal of Modern Power Systems and Clean Energy, 2020, 8, 1-14.	5.4	50
132	Decentralized Bidirectional Voltage Supporting Control for Multi-Mode Hybrid AC/DC Microgrid. IEEE Transactions on Smart Grid, 2020, 11, 2615-2626.	9.0	39
133	Adaptive robust energy and reserve co-optimization of integrated electricity and heating system considering wind uncertainty. Applied Energy, 2020, 260, 114230.	10.1	70
134	Robust model predictive control based voltage regulation method for a distribution system with renewable energy sources and energy storage systems. International Journal of Electrical Power and Energy Systems, 2020, 118, 105749.	5.5	25
135	Optimal Service Pricing and Charging Scheduling of an Electric Vehicle Sharing System. IEEE Transactions on Vehicular Technology, 2020, 69, 78-89.	6.3	55
136	TSO and DSO with large-scale distributed energy resources: A security constrained unit commitment coordinated solution. International Transactions on Electrical Energy Systems, 2020, 30, e12233.	1.9	21
137	Distributed Multi-Energy Operation of Coupled Electricity, Heating, and Natural Gas Networks. IEEE Transactions on Sustainable Energy, 2020, 11, 2457-2469.	8.8	223
138	Coordinated voltage control of renewable energy power plants in weak sending-end power grid. Global Energy Interconnection, 2020, 3, 365-374.	2.3	1
139	Research on an MPC-Based Voltage Control Strategy for Renewable Energy Bases with Different Topologies. , 2020, , .		1
140	Coordinated Voltage Control of Offshore Wind Farms Combined with AC Grid based on OPF-MPC Method. , 2020, , .		0
141	Hierarchical duality-based planning of transmission networks coordinating active distribution network operation. Energy, 2020, 213, 118488.	8.8	23
142	Distributed scheduling of smart buildings to smooth power fluctuations considering load rebound. Applied Energy, 2020, 276, 115396.	10.1	16
143	Coordinated Voltage Control of Renewable Energy Power Plants in Weak Sending-End Power Grid. , 2020, , .		1
144	Model predictive control based coordinated control of multi-terminal HVDC for enhanced frequency oscillation damping. International Journal of Electrical Power and Energy Systems, 2020, 123, 106328.	5.5	7

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145	Multi-stage dynamic optimal allocation for battery energy storage system in distribution networks with photovoltaic system. International Transactions on Electrical Energy Systems, 2020, 30, e12644.	1.9	8
146	Integrated Modelling and Enhanced Utilization of Power-to-Ammonia for High Renewable Penetrated Multi-Energy Systems. IEEE Transactions on Power Systems, 2020, 35, 4769-4780.	6.5	66
147	Distributed Risk-Limiting Load Restoration in Unbalanced Distribution Systems With Networked Microgrids. IEEE Transactions on Smart Grid, 2020, 11, 4574-4586.	9.0	30
148	Analytically derived fixed termination time for stepwise inertial control of wind turbines—Part I: Analytical derivation. International Journal of Electrical Power and Energy Systems, 2020, 121, 106120.	5.5	28
149	Decentralized robust energy and reserve Co-optimization for multiple integrated electricity and heating systems. Energy, 2020, 205, 118040.	8.8	21
150	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
151	Distributed Risk-Limiting Load Restoration for Wind Power Penetrated Bulk System. IEEE Transactions on Power Systems, 2020, 35, 3516-3528.	6.5	27
152	A hierarchical clustering-based optimization strategy for active power dispatch of large-scale wind farm. International Journal of Electrical Power and Energy Systems, 2020, 121, 106155.	5.5	16
153	Two-stage stochastic optimal operation of integrated electricity and heat system considering reserve of flexible devices and spatial-temporal correlation of wind power. Applied Energy, 2020, 275, 115357.	10.1	37
154	Optimal operation of integrated energy system considering dynamic heat-gas characteristics and uncertain wind power. Energy, 2020, 198, 117270.	8.8	68
155	Robust Predictive Torque Control of N -Phase PMSM for High-Power Traction Application. IEEE Transactions on Power Electronics, 2020, 35, 10799-10809.	7.9	49
156	Increasing operational flexibility of integrated energy systems by introducing power to hydrogen. IET Renewable Power Generation, 2020, 14, 372-380.	3.1	34
157	Two-tier combined active and reactive power controls for VSC-HVDC-connected large-scale wind farm cluster based on ADMM. IET Renewable Power Generation, 2020, 14, 1379-1386.	3.1	6
158	Integrated optimal scheduling and predictive control for energy management of an urban complex considering building thermal dynamics. International Journal of Electrical Power and Energy Systems, 2020, 123, 106273.	5.5	21
159	ADMM-based market clearing and optimal flexibility bidding of distribution-level flexibility market for day-ahead congestion management of distribution networks. International Journal of Electrical Power and Energy Systems, 2020, 123, 106266.	5.5	31
160	Many-criteria optimality of coordinated demand response with heterogeneous households. Energy, 2020, 207, 118267.	8.8	12
161	Decentralized voltage control of wind farm based on gradient projection method. International Journal of Electrical Power and Energy Systems, 2020, 123, 106308.	5.5	14
162	Hierarchical service restoration scheme for active distribution networks based on ADMM. International Journal of Electrical Power and Energy Systems, 2020, 118, 105809.	5.5	14

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163	Robust Distributed Coordination of Parallel Restored Subsystems in Wind Power Penetrated Transmission System. IEEE Transactions on Power Systems, 2020, 35, 3213-3223.	6.5	23
164	Optimal Location and Capacity of the Distributed Energy Storage System in a Distribution Network. IEEE Access, 2020, 8, 15576-15585.	4.2	7
165	Day-ahead stochastic scheduling of integrated multi-energy system for flexibility synergy and uncertainty balancing. Energy, 2020, 196, 117130.	8.8	68
166	Fault Current Mitigation and Voltage Support Provision by Microgrids With Synchronous Generators. IEEE Transactions on Smart Grid, 2020, 11, 2816-2831.	9.0	5
167	ADMM-based distributed optimal reactive power control for loss minimization of DFIG-based wind farms. International Journal of Electrical Power and Energy Systems, 2020, 118, 105827.	5.5	24
168	Partition-Combine Uncertainty Set for Robust Unit Commitment. IEEE Transactions on Power Systems, 2020, 35, 3266-3269.	6.5	20
169	Distributed Optimal Voltage Control for VSC-HVDC Connected Large-Scale Wind Farm Cluster Based on Analytical Target Cascading Method. IEEE Transactions on Sustainable Energy, 2020, 11, 2152-2161.	8.8	25
170	Design and Implementation of a Data-Driven Approach to Visualizing Power Quality. IEEE Transactions on Smart Grid, 2020, 11, 4366-4379.	9.0	8
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172	Analytically derived fixed termination time for stepwise inertial control of wind turbines—Part II: Application strategy. International Journal of Electrical Power and Energy Systems, 2020, 121, 106106.	5.5	17
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