

Qiuwei Wu

List of Publications by Year in descending order

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364
papers

12,412
citations

31976

53
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42399

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367
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367
times ranked

7944
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of energy storage system for wind power integration support. <i>Applied Energy</i> , 2015, 137, 545-553.	10.1	861
2	Decentralized Vehicle-to-Grid Control for Primary Frequency Regulation Considering Charging Demands. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 3480-3489.	6.5	381
3	Investigation of SSR in Practical DFIG-Based Wind Farms Connected to a Series-Compensated Power System. <i>IEEE Transactions on Power Systems</i> , 2015, 30, 2772-2779.	6.5	364
4	Distribution Locational Marginal Pricing for Optimal Electric Vehicle Charging Management. <i>IEEE Transactions on Power Systems</i> , 2014, 29, 203-211.	6.5	313
5	Review of Challenges and Research Opportunities for Voltage Control in Smart Grids. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 2790-2801.	6.5	270
6	Distributed Multi-Energy Operation of Coupled Electricity, Heating, and Natural Gas Networks. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 2457-2469.	8.8	223
7	Distribution Locational Marginal Pricing Through Quadratic Programming for Congestion Management in Distribution Networks. <i>IEEE Transactions on Power Systems</i> , 2015, 30, 2170-2178.	6.5	219
8	Vehicle-to-Grid Control for Supplementary Frequency Regulation Considering Charging Demands. <i>IEEE Transactions on Power Systems</i> , 2015, 30, 3110-3119.	6.5	211
9	Local flexibility markets: Literature review on concepts, models and clearing methods. <i>Applied Energy</i> , 2020, 261, 114387.	10.1	182
10	Participation of an Energy Hub in Electricity and Heat Distribution Markets: An MPEC Approach. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 3641-3653.	9.0	178
11	Optimal Day-Ahead Charging Scheduling of Electric Vehicles Through an Aggregative Game Model. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 5173-5184.	9.0	146
12	Optimal Scheduling of Biogas-Solar-Wind Renewable Portfolio for Multicarrier Energy Supplies. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 6229-6239.	6.5	138
13	Day-Ahead Congestion Management in Distribution Systems Through Household Demand Response and Distribution Congestion Prices. <i>IEEE Transactions on Smart Grid</i> , 2014, 5, 2739-2747.	9.0	136
14	Distributed Model Predictive Control of a Wind Farm for Optimal Active Power Control Part I: Clustering-Based Wind Turbine Model Linearization. <i>IEEE Transactions on Sustainable Energy</i> , 2015, 6, 831-839.	8.8	130
15	MPC-Based Coordinated Voltage Regulation for Distribution Networks With Distributed Generation and Energy Storage System. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 1731-1739.	8.8	129
16	Long-Term Reserve Expansion of Power Systems With High Wind Power Penetration Using Universal Generating Function Methods. <i>IEEE Transactions on Power Systems</i> , 2011, 26, 766-774.	6.5	125
17	EV Dispatch Control for Supplementary Frequency Regulation Considering the Expectation of EV Owners. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 3763-3772.	9.0	119
18	Enhanced Voltage Control of VSC-HVDC-Connected Offshore Wind Farms Based on Model Predictive Control. <i>IEEE Transactions on Sustainable Energy</i> , 2018, 9, 474-487.	8.8	117

#	ARTICLE	IF	CITATIONS
19	Review of VSC HVDC connection for offshore wind power integration. Renewable and Sustainable Energy Reviews, 2016, 59, 1405-1414.	16.4	116
20	Distribution Locational Marginal Pricing for Optimal Electric Vehicle Charging Through Chance Constrained Mixed-Integer Programming. IEEE Transactions on Smart Grid, 2018, 9, 644-654.	9.0	115
21	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
22	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
23	Day-ahead tariffs for the alleviation of distribution grid congestion from electric vehicles. Electric Power Systems Research, 2012, 92, 106-114.	3.6	100
24	Transactive Real-Time Electric Vehicle Charging Management for Commercial Buildings With PV On-Site Generation. IEEE Transactions on Smart Grid, 2019, 10, 4939-4950.	9.0	98
25	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
26	Real-Time Market Concept Architecture for EcoGrid EU—A Prototype for European Smart Grids. IEEE Transactions on Smart Grid, 2013, 4, 2006-2016.	9.0	91
27	Two-Stage Optimal Scheduling of Electric Vehicle Charging Based on Transactive Control. IEEE Transactions on Smart Grid, 2019, 10, 2948-2958.	9.0	88
28	Optimal Reconfiguration-Based Dynamic Tariff for Congestion Management and Line Loss Reduction in Distribution Networks. IEEE Transactions on Smart Grid, 2016, 7, 1295-1303.	9.0	86
29	Distributed Model Predictive Control of a Wind Farm for Optimal Active Power Control Part II: Implementation With Clustering-Based Piece-Wise Affine Wind Turbine Model. IEEE Transactions on Sustainable Energy, 2015, 6, 840-849.	8.8	80
30	Combined Active and Reactive Power Control of Wind Farms Based on Model Predictive Control. IEEE Transactions on Energy Conversion, 2017, 32, 1177-1187.	5.2	80
31	Coordinated Voltage Control of a Wind Farm Based on Model Predictive Control. IEEE Transactions on Sustainable Energy, 2016, 7, 1440-1451.	8.8	79
32	Interdependence between transportation system and power distribution system: a comprehensive review on models and applications. Journal of Modern Power Systems and Clean Energy, 2019, 7, 433-448.	5.4	79
33	Parsimonious Short-Term Load Forecasting for Optimal Operation Planning of Electrical Distribution Systems. IEEE Transactions on Power Systems, 2019, 34, 1427-1437.	6.5	74
34	Peer-to-Peer Multienergy and Communication Resource Trading for Interconnected Microgrids. IEEE Transactions on Industrial Informatics, 2021, 17, 2522-2533.	11.3	74
35	Distributed Multienergy Coordination of Multimicrogrids With Biogas-Solar-Wind Renewables. IEEE Transactions on Industrial Informatics, 2019, 15, 3254-3266.	11.3	73
36	Dynamic Data Injection Attack Detection of Cyber Physical Power Systems With Uncertainties. IEEE Transactions on Industrial Informatics, 2019, 15, 5505-5518.	11.3	71

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37	Adaptive robust energy and reserve co-optimization of integrated electricity and heating system considering wind uncertainty. Applied Energy, 2020, 260, 114230.	10.1	70
38	A novel MPPT method for enhancing energy conversion efficiency taking power smoothing into account. Energy Conversion and Management, 2015, 101, 738-748.	9.2	69
39	Driving Pattern Analysis for Electric Vehicle (EV) Grid Integration Study. , 2010, , .		68
40	Optimal operation of integrated energy system considering dynamic heat-gas characteristics and uncertain wind power. Energy, 2020, 198, 117270.	8.8	68
41	Day-ahead stochastic scheduling of integrated multi-energy system for flexibility synergy and uncertainty balancing. Energy, 2020, 196, 117130.	8.8	68
42	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
43	A Sufficient Condition on Convex Relaxation of AC Optimal Power Flow in Distribution Networks. IEEE Transactions on Power Systems, 2016, , 1-1.	6.5	64
44	Analyzing and validating the economic efficiency of managing a cluster of energy hubs in multi-carrier energy systems. Applied Energy, 2018, 230, 403-416.	10.1	64
45	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
46	Coordinated Restoration of Transmission and Distribution System Using Decentralized Scheme. IEEE Transactions on Power Systems, 2019, 34, 3428-3442.	6.5	63
47	Transactive energy: A review of state of the art and implementation. , 2017, , .		61
48	Two-Stage Load Shedding for Secondary Control in Hierarchical Operation of Islanded Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 3103-3111.	9.0	61
49	Review of congestion management methods for distribution networks with high penetration of distributed energy resources. , 2014, , .		60
50	Fatigue Load Sensitivity-Based Optimal Active Power Dispatch For Wind Farms. IEEE Transactions on Sustainable Energy, 2017, 8, 1247-1259.	8.8	60
51	Transition towards higher penetration of renewables: an overview of interlinked technical, environmental and socio-economic challenges. Journal of Modern Power Systems and Clean Energy, 2019, 7, 1-8.	5.4	60
52	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
53	Mitigation of SSR by embedding subsynchronous notch filters into DFIG converter controllers. IET Generation, Transmission and Distribution, 2017, 11, 2888-2896.	2.5	59
54	A peer-to-peer energy trading market embedded with residential shared energy storage units. Applied Energy, 2022, 308, 118400.	10.1	59

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55	Voltage Balancing for Bipolar DC Distribution Grids: A Power Flow Based Binary Integer Multi-Objective Optimization Approach. IEEE Transactions on Power Systems, 2019, 34, 28-39.	6.5	58
56	Optimal dispatch for participation of electric vehicles in frequency regulation based on area control error and area regulation requirement. Applied Energy, 2019, 240, 46-55.	10.1	58
57	Decentralized Coordinated Voltage Control for VSC-HVDC Connected Wind Farms Based on ADMM. IEEE Transactions on Sustainable Energy, 2019, 10, 800-810.	8.8	57
58	\mathcal{L}_1 Adaptive Speed Control of a Small Wind Energy Conversion System for Maximum Power Point Tracking. IEEE Transactions on Energy Conversion, 2014, 29, 576-584.	5.2	55
59	Optimal Service Pricing and Charging Scheduling of an Electric Vehicle Sharing System. IEEE Transactions on Vehicular Technology, 2020, 69, 78-89.	6.3	55
60	Dynamic Subsidy Method for Congestion Management in Distribution Networks. IEEE Transactions on Smart Grid, 2018, 9, 2140-2151.	9.0	54
61	Distributed Distributionally Robust Dispatch for Integrated Transmission-Distribution Systems. IEEE Transactions on Power Systems, 2021, 36, 1193-1205.	6.5	54
62	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
63	Uncertainty Management of Dynamic Tariff Method for Congestion Management in Distribution Networks. IEEE Transactions on Power Systems, 2016, 31, 4340-4347.	6.5	51
64	H_∞ Robust Current Control for DFIG-Based Wind Turbine Subject to Grid Voltage Distortions. IEEE Transactions on Sustainable Energy, 2017, 8, 816-825.	8.8	51
65	Hierarchical Control of Thermostatically Controlled Loads for Primary Frequency Support. IEEE Transactions on Smart Grid, 2018, 9, 2986-2998.	9.0	51
66	Optimal active power control of a wind farm equipped with energy storage system based on distributed model predictive control. IET Generation, Transmission and Distribution, 2016, 10, 669-677.	2.5	50
67	Review of Service Restoration for Distribution Networks. Journal of Modern Power Systems and Clean Energy, 2020, 8, 1-14.	5.4	50
68	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
69	Measurement-Based Transmission Line Parameter Estimation With Adaptive Data Selection Scheme. IEEE Transactions on Smart Grid, 2018, 9, 5764-5773.	9.0	49
70	Distributed coordinated active and reactive power control of wind farms based on model predictive control. International Journal of Electrical Power and Energy Systems, 2019, 104, 78-88.	5.5	49
71	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
72	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

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73	Fuzzy logic based coordinated control of battery energy storage system and dispatchable distributed generation for microgrid. <i>Journal of Modern Power Systems and Clean Energy</i> , 2015, 3, 422-428.	5.4	47
74	Distributed Voltage Control Based on ADMM for Large-Scale Wind Farm Cluster Connected to VSC-HVDC. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 584-594.	8.8	47
75	Power prediction of a wind farm cluster based on spatiotemporal correlations. <i>Applied Energy</i> , 2021, 302, 117568.	10.1	47
76	Network constrained economic dispatch of integrated heat and electricity systems through mixed integer conic programming. <i>Energy</i> , 2019, 179, 464-474.	8.8	46
77	A Hierarchical Inertial Control Scheme for Multiple Wind Farms With BESSs Based on ADMM. <i>IEEE Transactions on Sustainable Energy</i> , 2021, 12, 751-760.	8.8	46
78	Economic and technological feasibility of using power-to-hydrogen technology under higher wind penetration in China. <i>Renewable Energy</i> , 2021, 173, 569-580.	8.9	46
79	Adaptive Droop-Based Hierarchical Optimal Voltage Control Scheme for VSC-HVdc Connected Offshore Wind Farm. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 8165-8176.	11.3	46
80	Stabilization of interconnected nonlinear stochastic Markovian jump systems via dissipativity approach. <i>Automatica</i> , 2011, 47, 2796-2800.	5.0	45
81	Optimal planning of the Nordic transmission system with 100% electric vehicle penetration of passenger cars by 2050. <i>Energy</i> , 2016, 107, 648-660.	8.8	45
82	H \hat{a} z current damping control of DFIG based wind farm for sub-synchronous control interaction mitigation. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 98, 509-519.	5.5	45
83	Optimal Integration of Building Heating Loads in Integrated Heating/Electricity Community Energy Systems: A Bi-Level MPC Approach. <i>IEEE Transactions on Sustainable Energy</i> , 2021, 12, 1741-1754.	8.8	45
84	A multi-disaster-scenario distributionally robust planning model for enhancing the resilience of distribution systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 122, 106161.	5.5	44
85	Direct Load Control (DLC) Considering Nodal Interrupted Energy Assessment Rate (NIEAR) in Restructured Power Systems. <i>IEEE Transactions on Power Systems</i> , 2010, 25, 1449-1456.	6.5	42
86	A Combined Reliability Model of VSC-HVDC Connected Offshore Wind Farms Considering Wind Speed Correlation. <i>IEEE Transactions on Sustainable Energy</i> , 2017, 8, 1637-1646.	8.8	42
87	Dynamic Tariff-Subsidy Method for PV and V2G Congestion Management in Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 5851-5860.	9.0	41
88	Deep Reinforcement Learning Based Approach for Optimal Power Flow of Distribution Networks Embedded with Renewable Energy and Storage Devices. <i>Journal of Modern Power Systems and Clean Energy</i> , 2021, 9, 1101-1110.	5.4	41
89	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
90	Distributed Optimization-Based Dynamic Tariff for Congestion Management in Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 184-192.	9.0	39

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91	Decentralized Bidirectional Voltage Supporting Control for Multi-Mode Hybrid AC/DC Microgrid. IEEE Transactions on Smart Grid, 2020, 11, 2615-2626.	9.0	39
92	Distributed Generalized Nash Equilibrium Seeking for Energy Sharing Games in Prosumers. IEEE Transactions on Power Systems, 2021, 36, 3973-3986.	6.5	38
93	Real-Time Congestion Management in Distribution Networks by Flexible Demand Swap. IEEE Transactions on Smart Grid, 2018, 9, 4346-4355.	9.0	37
94	Coordinated mechanical loads and power optimization of wind energy conversion systems with variable-weight model predictive control strategy. Applied Energy, 2019, 236, 307-317.	10.1	37
95	Coordinated control strategy for the short-term frequency response of a DFIG-ES system based on wind speed zone classification and fuzzy logic control. International Journal of Electrical Power and Energy Systems, 2019, 107, 363-378.	5.5	37
96	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
97	Robust MPC-based microgrid scheduling for resilience enhancement of distribution system. International Journal of Electrical Power and Energy Systems, 2020, 121, 106068.	5.5	36
98	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
99	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
100	Day-ahead interval optimization for CCHP system considering uncertainty of wind power and PV. International Journal of Electrical Power and Energy Systems, 2022, 138, 107895.	5.5	35
101	Evaluation Method of Distribution Network Resilience Focusing on Critical Loads. IEEE Access, 2018, 6, 61633-61639.	4.2	34
102	Increasing operational flexibility of integrated energy systems by introducing power to hydrogen. IET Renewable Power Generation, 2020, 14, 372-380.	3.1	34
103	Comprehensive Congestion Management for Distribution Networks Based on Dynamic Tariff, Reconfiguration, and Re-Profiling Product. IEEE Transactions on Smart Grid, 2019, 10, 4795-4805.	9.0	33
104	Novel Predictive Stator Flux Control Techniques for PMSM Drives. IEEE Transactions on Power Electronics, 2019, 34, 8916-8929.	7.9	33
105	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
106	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
107	Nodal price volatility reduction and reliability enhancement of restructured power systems considering demand price elasticity. Electric Power Systems Research, 2008, 78, 1655-1663.	3.6	32
108	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

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109	Optimal coordinated operation of integrated natural gas and electric power systems: A review of modeling and solution methods. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 145, 111134.	16.4	32
110	Driving pattern analysis of Nordic region based on National Travel Surveys for electric vehicle integration. <i>Journal of Modern Power Systems and Clean Energy</i> , 2015, 3, 180-189.	5.4	31
111	Distributed cooperative voltage control of wind farms based on consensus protocol. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 104, 593-602.	5.5	31
112	Dynamic Power Tariff for Congestion Management in Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 2148-2157.	9.0	31
113	Mean-tracking model based stochastic economic dispatch for power systems with high penetration of wind power. <i>Energy</i> , 2020, 193, 116826.	8.8	31
114	ADMM-based market clearing and optimal flexibility bidding of distribution-level flexibility market for day-ahead congestion management of distribution networks. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 123, 106266.	5.5	31
115	The role of power-to-X in hybrid renewable energy systems: A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 165, 112380.	16.4	31
116	An adaptive time-resolution method for ultra-short-term wind power prediction. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 118, 105814.	5.5	30
117	Distributed Risk-Limiting Load Restoration in Unbalanced Distribution Systems With Networked Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2020, 11, 4574-4586.	9.0	30
118	A Reinforcement Learning-Based Decision System for Electricity Pricing Plan Selection by Smart Grid End Users. <i>IEEE Transactions on Smart Grid</i> , 2021, 12, 2176-2187.	9.0	30
119	Distributed Coordinated Voltage Control for Distribution Networks With DG and OLTC Based on MPC and Gradient Projection. <i>IEEE Transactions on Power Systems</i> , 2022, 37, 680-690.	6.5	30
120	Wind Turbine Inverter Robust Loop-Shaping Control Subject to Grid Interaction Effects. <i>IEEE Transactions on Sustainable Energy</i> , 2016, 7, 41-50.	8.8	29
121	Distributed voltage regulation of smart distribution networks: Consensus-based information synchronization and distributed model predictive control scheme. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 111, 58-65.	5.5	29
122	Bi-level decentralised active power control for large-scale wind farm cluster. <i>IET Renewable Power Generation</i> , 2018, 12, 1486-1492.	3.1	28
123	Bi-level decentralized active and reactive power control for large-scale wind farm cluster. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 111, 201-215.	5.5	28
124	Analytically derived fixed termination time for stepwise inertial control of wind turbines—Part I: Analytical derivation. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 121, 106120.	5.5	28
125	MPC based control strategy for battery energy storage station in a grid with high photovoltaic power penetration. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 115, 105448.	5.5	27
126	Two-tier demand response with flexible demand swap and transactive control for real-time congestion management in distribution networks. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 114, 105399.	5.5	27

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127	Distributed Risk-Limiting Load Restoration for Wind Power Penetrated Bulk System. IEEE Transactions on Power Systems, 2020, 35, 3516-3528.	6.5	27
128	Distributionally Robust Microgrid Formation Approach for Service Restoration Under Random Contingency. IEEE Transactions on Smart Grid, 2021, 12, 4926-4937.	9.0	27
129	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
130	Fast Coordinated Control of DFIG Wind Turbine Generators for Low and High Voltage Ride-Through. Energies, 2014, 7, 4140-4156.	3.1	26
131	Coordinated pitch & torque control of large-scale wind turbine based on Pareto efficiency analysis. Energy, 2018, 147, 812-825.	8.8	26
132	Autonomous Voltage Security Regions to Prevent Cascading Trip Faults in Wind Turbine Generators. IEEE Transactions on Sustainable Energy, 2016, 7, 1306-1316.	8.8	25
133	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
134	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
135	Decentralized Economic Operation Control for Hybrid AC/DC Microgrid. IEEE Transactions on Sustainable Energy, 2020, 11, 1898-1910.	8.8	25
136	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
137	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
138	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
139	Fuzzy logic-based direct load control of air conditioning loads considering nodal reliability characteristics in restructured power systems. Electric Power Systems Research, 2010, 80, 98-107.	3.6	24
140	An Optimal Coordinated Method for EVs Participating in Frequency Regulation Under Different Power System Operation States. IEEE Access, 2018, 6, 62756-62765.	4.2	24
141	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
142	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
143	Voltage Support in Hybrid AC-DC Grid by Wind Power Plants and VSC. International Journal of Electrical and Electronic Engineering and Telecommunications, 2018, , 165-171.	3.6	24
144	Average behavior of battery-electric vehicles for distributed energy studies. , 2010, , .		23

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145	Mixed H_2 -pitch control of wind turbine with a Markovian jump model. <i>International Journal of Control</i> , 2018, 91, 156-169.	1.9	23
146	Enabling strategies of electric vehicles for under frequency load shedding. <i>Applied Energy</i> , 2018, 228, 843-851.	10.1	23
147	Switching Performance Improvement Based on Model-Predictive Control for Wind Turbine Covering the Whole Wind Speed Range. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 290-300.	8.8	23
148	Second-order conic programming model for load restoration considering uncertainty of load increment based on information gap decision theory. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 105, 151-158.	5.5	23
149	Alleviation of overloads in transmission network: A multi-level framework using the capability from active distribution network. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 112, 232-251.	5.5	23
150	Optimal active power control based on MPC for DFIG-based wind farm equipped with distributed energy storage systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 113, 154-163.	5.5	23
151	Hierarchical duality-based planning of transmission networks coordinating active distribution network operation. <i>Energy</i> , 2020, 213, 118488.	8.8	23
152	Robust Distributed Coordination of Parallel Restored Subsystems in Wind Power Penetrated Transmission System. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 3213-3223.	6.5	23
153	An Improved Two-Stage Deep Reinforcement Learning Approach for Regulation Service Disaggregation in a Virtual Power Plant. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 2844-2858.	9.0	23
154	A dual-driven linear modeling approach for multiple energy flow calculation in electricity-heat system. <i>Applied Energy</i> , 2022, 314, 118872.	10.1	23
155	Three-Phase Power Imbalance Decomposition Into Systematic Imbalance and Random Imbalance. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 3001-3012.	6.5	22
156	Fractal Characteristics Analysis of Blackouts in Interconnected Power Grid. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 1085-1086.	6.5	22
157	MPC-based DC-link voltage control for enhanced high-voltage ride-through of offshore DFIG wind turbine. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 126, 106591.	5.5	22
158	Hierarchical Optimal Control for Synthetic Inertial Response of Wind Farm Based on Alternating Direction Method of Multipliers. <i>IEEE Transactions on Sustainable Energy</i> , 2021, 12, 25-35.	8.8	22
159	A bi-level machine learning method for fault diagnosis of oil-immersed transformers with feature explainability. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 134, 107356.	5.5	22
160	Robust coordination of repair and dispatch resources for post-disaster service restoration of the distribution system. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 136, 107611.	5.5	22
161	Coordinated voltage control scheme for VSC-HVDC connected wind power plants. <i>IET Renewable Power Generation</i> , 2018, 12, 198-206.	3.1	21
162	TSO and DSO with large-scale distributed energy resources: A security constrained unit commitment coordinated solution. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12233.	1.9	21

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