Weihao Hu

List of Publications by Year
in descending order

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250	5,382	70961	118652
papers	citations	41 h-index	62 g-index

253	253	253	3853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimized sizing of a standalone PV-wind-hydropower station with pumped-storage installation hybrid energy system. Renewable Energy, 2020, 147, 1418-1431.	4.3	193
2	Reinforcement Learning and Its Applications in Modern Power and Energy Systems: A Review. Journal of Modern Power Systems and Clean Energy, 2020, 8, 1029-1042.	3.3	172
3	Optimal Operation of Plug-In Electric Vehicles in Power Systems With High Wind Power Penetrations. IEEE Transactions on Sustainable Energy, 2013, 4, 577-585.	5.9	144
4	Optimized Placement of Wind Turbines in Large-Scale Offshore Wind Farm Using Particle Swarm Optimization Algorithm. IEEE Transactions on Sustainable Energy, 2015, 6, 1272-1282.	5.9	128
5	A Heuristic Planning Reinforcement Learning-Based Energy Management for Power-Split Plug-in Hybrid Electric Vehicles. IEEE Transactions on Industrial Informatics, 2019, 15, 6436-6445.	7.2	122
6	Optimizing investments in coupled offshore wind -electrolytic hydrogen storage systems in Denmark. Journal of Power Sources, 2017, 359, 186-197.	4.0	120
7	A Multi-Agent Deep Reinforcement Learning Based Voltage Regulation Using Coordinated PV Inverters. IEEE Transactions on Power Systems, 2020, 35, 4120-4123.	4.6	117
8	Investigation of wind speed cooling effect on PV panels in windy locations. Renewable Energy, 2016, 90, 283-290.	4.3	110
9	A Novel Hybrid Short-Term Load Forecasting Method of Smart Grid Using MLR and LSTM Neural Network. IEEE Transactions on Industrial Informatics, 2021, 17, 2443-2452.	7.2	104
10	Flicker Mitigation by Active Power Control of Variable-Speed Wind Turbines With Full-Scale Back-to-Back Power Converters. IEEE Transactions on Energy Conversion, 2009, 24, 640-649.	3.7	88
11	A Reactive Power Dispatch Strategy With Loss Minimization for a DFIG-Based Wind Farm. IEEE Transactions on Sustainable Energy, 2016, 7, 914-923.	5.9	86
12	Combined optimization for offshore wind turbine micro siting. Applied Energy, 2017, 189, 271-282.	5.1	83
13	Comprehensive Cost Minimization in Distribution Networks Using Segmented-Time Feeder Reconfiguration and Reactive Power Control of Distributed Generators. IEEE Transactions on Power Systems, 2016, 31, 983-993.	4.6	81
14	Electric vehicles and large-scale integration of wind power â€“ The case of Inner Mongolia in China. Applied Energy, 2013, 104, 445-456.	5.1	78
15	A review of offshore wind farm layout optimization and electrical system design methods. Journal of Modern Power Systems and Clean Energy, 2019, 7, 975-986.	3.3	78
16	Optimal operational strategy for an offgrid hybrid hydrogen/electricity refueling station powered by solar photovoltaics. Journal of Power Sources, 2020, 451, 227810.	4.0	76
17	Deep reinforcement learningâ€“based approach for optimizing energy conversion in integrated electrical and heating system with renewable energy. Energy Conversion and Management, 2019, 202, 112199.	4.4	73
18	Data-driven optimal energy management for a wind-solar-diesel-battery-reverse osmosis hybrid energy system using a deep reinforcement learning approach. Energy Conversion and Management, 2021, 227, 113608.	4.4	73

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19	Performance analysis of a novel solar PTC integrated system for multi-generation with hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 190-206.	3.8	72
20	Data-Driven Multi-Agent Deep Reinforcement Learning for Distribution System Decentralized Voltage Control With High Penetration of PVs. IEEE Transactions on Smart Grid, 2021, 12, 4137-4150.	6.2	70
21	Attention Enabled Multi-Agent DRL for Decentralized Volt-VAR Control of Active Distribution System Using PV Inverters and SVCs. IEEE Transactions on Sustainable Energy, 2021, 12, 1582-1592.	5.9	68
22	Optimal operation of a wind-electrolytic hydrogen storage system in the electricity/hydrogen markets. International Journal of Hydrogen Energy, 2020, 45, 24412-24423.	3.8	65
23	Dynamic energy conversion and management strategy for an integrated electricity and natural gas system with renewable energy: Deep reinforcement learning approach. Energy Conversion and Management, 2020, 220, 113063.	4.4	65
24	Offshore wind farm repowering optimization. Applied Energy, 2017, 208, 834-844.	5.1	64
25	Flicker Mitigation by Individual Pitch Control of Variable Speed Wind Turbines With DFIG. IEEE Transactions on Energy Conversion, 2014, 29, 20-28.	3.7	63
26	Strategy for wind power plant contribution to frequency control under variable wind speed. Renewable Energy, 2019, 130, 1226-1236.	4.3	58
27	Reinforcement Learning Based Efficiency Optimization Scheme for the DAB DCâ€“DC Converter With Triple-Phase-Shift Modulation. IEEE Transactions on Industrial Electronics, 2021, 68, 7350-7361.	5.2	58
28	Deep Reinforcement Learning-Based Approach for Proportional Resonance Power System Stabilizer to Prevent Ultra-Low-Frequency Oscillations. IEEE Transactions on Smart Grid, 2020, 11, 5260-5272.	6.2	57
29	Modelling and performance analysis of an innovative CPVT, wind and biogas integrated comprehensive energy system: An energy and exergy approach. Energy Conversion and Management, 2020, 209, 112611.	4.4	57
30	Optimisation for offshore wind farm cable connection layout using adaptive particle swarm optimisation minimum spanning tree method. IET Renewable Power Generation, 2016, 10, 694-702.	1.7	53
31	Optimization of offshore wind farm layout in restricted zones. Energy, 2016, 113, 487-496.	4.5	53
32	A frequency control strategy of electric vehicles in microgrid using virtual synchronous generator control. Energy, 2019, 189, 116389.	4.5	53
33	Electrification and renewable energy nexus in developing countries; an overarching analysis of hydrogen production and electric vehicles integrality in renewable energy penetration. Energy Conversion and Management, 2021, 236, 114023.	4.4	53
34	Offshore Wind Farm Layout Design Considering Optimized Power Dispatch Strategy. IEEE Transactions on Sustainable Energy, 2017, 8, 638-647.	5.9	51
35	Optimal reactive power dispatch of permanent magnet synchronous generator-based wind farm considering levelised production cost minimisation. Renewable Energy, 2020, 145, 1-12.	4.3	50
36	Optimisation of offshore wind farm cable connection layout considering levelised production cost using dynamic minimum spanning tree algorithm. IET Renewable Power Generation, 2016, 10, 175-183.	1.7	48

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37	High resolution wind speed forecasting based on wavelet decomposed phase space reconstruction and self-organizing map. Renewable Energy, 2019, 140, 17-31.	4.3	45
38	An approach for sustainable energy planning towards 100 % electrification of Nigeria by 2030. Energy, 2020, 197, 117172.	4.5	45
39	Scheduling of wind-battery hybrid system in the electricity market using distributionally robust optimization. Renewable Energy, 2020, 156, 47-56.	4.3	45
40	Optimal reactive power dispatch of a full-scale converter based wind farm considering loss minimization. Renewable Energy, 2019, 139, 292-301.	4.3	44
41	Bidding strategy for trading wind energy and purchasing reserve of wind power producer â€“ A DRL based approach. International Journal of Electrical Power and Energy Systems, 2020, 117, 105648.	3.3	43
42	Soft actor-critic â€“based multi-objective optimized energy conversion and management strategy for integrated energy systems with renewable energy. Energy Conversion and Management, 2021, 243, 114381.	4.4	42
43	Mitigation of power system oscillation caused by wind power fluctuation. IET Renewable Power Generation, 2013, 7, 639-651.	1.7	41
44	Optimal reactive power and voltage control in distribution networks with distributed generators by fuzzy adaptive hybrid particle swarm optimisation method. IET Generation, Transmission and Distribution, 2015, 9, 1096-1103.	1.4	41
45	Optimized Power Dispatch in Wind Farms for Power Maximizing Considering Fatigue Loads. IEEE Transactions on Sustainable Energy, 2018, 9, 862-871.	5.9	41
46	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.	3.3	41
47	Co-Ordinated Control Strategy for Hybrid Wind Farms With PMSG and FSIG Under Unbalanced Grid Voltage Condition. IEEE Transactions on Sustainable Energy, 2016, 7, 1100-1110.	5.9	39
48	A data-driven approach for designing STATCOM additional damping controller for wind farms. International Journal of Electrical Power and Energy Systems, 2020, 117, 105620.	3.3	39
49	An Imbalance Fault Detection Algorithm for Variable-Speed Wind Turbines: A Deep Learning Approach. Energies, 2019, 12, 2764.	1.6	37
50	Transition pathways towards a deep decarbonization energy systemâ€”A case study in Sichuan, China. Applied Energy, 2021, 302, 117507.	5.1	37
51	Designing a standalone wind-diesel-CAES hybrid energy system by using a scenario-based bi-level programming method. Energy Conversion and Management, 2020, 211, 112759.	4.4	37
52	Conducted EMI Mitigation Schemes in Isolated Switching-Mode Power Supply Without the Need of a Y-Capacitor. IEEE Transactions on Power Electronics, 2017, 32, 2687-2703.	5.4	36
53	Deep Reinforcement Learning Enabled Physical-Model-Free Two-Timescale Voltage Control Method for Active Distribution Systems. IEEE Transactions on Smart Grid, 2022, 13, 149-165.	6.2	36
54	Artificial Intelligence-Aided Minimum Reactive Power Control for the DAB Converter Based on Harmonic Analysis Method. IEEE Transactions on Power Electronics, 2021, 36, 9704-9710.	5.4	35

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55	Fuzzy adaptive particle swarm optimisation for power loss minimisation in distribution systems using optimal load response. IET Generation, Transmission and Distribution, 2014, 8, 1-10.	1.4	34
56	Optimal operation strategy of battery energy storage system to real-time electricity price in Denmark. , 2010, , .		32
57	Adaptive voltage control strategy for variableâ€speed wind turbine connected to a weak network. IET Renewable Power Generation, 2016, 10, 238-249.	1.7	32
58	Risk-based scheduling of an off-grid hybrid electricity/hydrogen/gas/ refueling station powered by renewable energy. Journal of Cleaner Production, 2021, 315, 128155.	4.6	32
59	Nonlinear Virtual Inertia Control of WTGs for Enhancing Primary Frequency Response and Suppressing Drivetrain Torsional Oscillations. IEEE Transactions on Power Systems, 2021, 36, 4102-4113.	4.6	30
60	Model-free voltage control of active distribution system with PVs using surrogate model-based deep reinforcement learning. Applied Energy, 2022, 306, 117982.	5.1	30
61	An extended Kalman filter based SOC estimation method for Li-ion battery. Energy Reports, 2022, 8, 81-87.	2.5	30
62	Optimised power dispatch strategy for offshore wind farms. IET Renewable Power Generation, 2016, 10, 399-409.	1.7	29
63	A 2030 and 2050 feasible/sustainable decarbonization perusal for Chinaâ€™s Sichuan Province: A deep carbon neutrality analysis and EnergyPLAN. Energy Conversion and Management, 2022, 261, 115605.	4.4	29
64	Optimizing the layout of onshore wind farms to minimize noise. Applied Energy, 2020, 267, 114896.	5.1	28
65	Coordinated control strategy for hybrid wind farms with DFIG-based and PMSG-based wind farms during network unbalance. Renewable Energy, 2017, 105, 748-763.	4.3	27
66	Overall Optimization for Offshore Wind Farm Electrical System. Wind Energy, 2017, 20, 1017-1032.	1.9	27
67	Environmental impact of hydrogen production from Southwest China's hydro power water abandonment control. International Journal of Hydrogen Energy, 2020, 45, 25587-25598.	3.8	27
68	Risk management strategy for a renewable power supply system in commercial buildings considering thermal comfort and stochastic electric vehicle behaviors. Energy Conversion and Management, 2021, 230, 113831.	4.4	27
69	Steady-state and process modeling of a novel wind-biomass comprehensive energy system: An energy conservation, exergy and performance analysis. Energy Conversion and Management, 2020, 220, 113139.	4.4	25
70	Improved probabilistic load flow method based on Dâ€vine copulas and Latin hypercube sampling in distribution network with multiple wind generators. IET Generation, Transmission and Distribution, 2020, 14, 893-899.	1.4	25
71	Look-ahead risk-constrained scheduling for an energy hub integrated with renewable energy. Applied Energy, 2021, 297, 117109.	5.1	25
72	Ensuring profitability of retailers via Shapley Value based demand response. International Journal of Electrical Power and Energy Systems, 2019, 108, 72-85.	3.3	24

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73	Flicker mitigation strategy for a doubly fed induction generator by torque control. IET Renewable Power Generation, 2014, 8, 91-99.	1.7	23
74	Active power dispatch optimization for offshore wind farms considering fatigue distribution. Renewable Energy, 2020, 151, 1173-1185.	4.3	23
75	Study on the economic benefits of retired electric vehicle batteries participating in the electricity markets. Journal of Cleaner Production, 2021, 286, 125414.	4.6	23
76	A novel deep reinforcement learning enabled sparsity promoting adaptive control method to improve the stability of power systems with wind energy penetration. Renewable Energy, 2021, 178, 363-376.	4.3	23
77	Robust Deep Gaussian Process-Based Probabilistic Electrical Load Forecasting Against Anomalous Events. IEEE Transactions on Industrial Informatics, 2022, 18, 1142-1153.	7.2	23
78	Phase Feedforward Damping Control Method for Virtual Synchronous Generators. IEEE Transactions on Power Electronics, 2022, 37, 9790-9806.	5.4	23
79	Unified Modeling and Analysis of Dynamic Power Coupling for Grid-forming Converters. IEEE Transactions on Power Electronics, 2021, , 1-1.	5.4	22
80	Imbalance fault detection based on the integrated analysis strategy for variable-speed wind turbines. International Journal of Electrical Power and Energy Systems, 2020, 116, 105570.	3.3	21
81	A Computational Attractive Interval Power Flow Approach With Correlated Uncertain Power Injections. IEEE Transactions on Power Systems, 2020, 35, 825-828.	4.6	21
82	Novel Data-Driven Approach Based on Capsule Network for Intelligent Multi-Fault Detection in Electric Motors. IEEE Transactions on Energy Conversion, 2021, 36, 2173-2184.	3.7	21
83	Spatio-Temporal Correlation-Based False Data Injection Attack Detection Using Deep Convolutional Neural Network. IEEE Transactions on Smart Grid, 2022, 13, 750-761.	6.2	21
84	Economic feasibility of a wind-battery system in the electricity market with the fluctuation penalty. Journal of Cleaner Production, 2020, 271, 122513.	4.6	20
85	A Novel Deep Reinforcement Learning Enabled Multi-Band PSS for Multi-Mode Oscillation Control. IEEE Transactions on Power Systems, 2021, 36, 3794-3797.	4.6	20
86	Flicker Mitigation by Speed Control of Permanent Magnet Synchronous Generator Variable-Speed Wind Turbines. Energies, 2013, 6, 3807-3821.	1.6	19
87	Robust energy management for an on-grid hybrid hydrogen refueling and battery swapping station based on renewable energy. Journal of Cleaner Production, 2022, 331, 129954.	4.6	19
88	Deep Reinforcement Learning-Aided Efficiency Optimized Dual Active Bridge Converter for the Distributed Generation System. IEEE Transactions on Energy Conversion, 2022, 37, 1251-1262.	3.7	18
89	Analysis and Improvement of Large-Disturbance Stability for Grid-Connected VSG Based on Output Impedance Optimization. IEEE Transactions on Power Electronics, 2022, 37, 9807-9826.	5.4	18
90	An efficient experimental method for high power direct drive wind energy conversion systems. , 2008, , .		17

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91	Three Reference Frame Control Scheme of 4 wire Grid-connected Inverter for Micro Grid Under Unbalanced Grid Voltage Conditions. , 2009, , .		17
92	RL-ANN-Based Minimum-Current-Stress Scheme for the Dual-Active-Bridge Converter With Triple-Phase-Shift Control. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 673-689.	3.7	17
93	Effect of Tower Shadow and Wind Shear in a Wind Farm on AC Tie-Line Power Oscillations of Interconnected Power Systems. Energies, 2013, 6, 6352-6372.	1.6	15
94	An Improved Droop Control Method for Multi-Terminal VSC-HVDC Converter Stations. Energies, 2017, 10, 843.	1.6	15
95	Review of Reactive Power Dispatch Strategies for Loss Minimization in a DFIG-based Wind Farm. Energies, 2017, 10, 856.	1.6	15
96	Gaussian Process Kernel Transfer Enabled Method for Electric Machines Intelligent Faults Detection With Limited Samples. IEEE Transactions on Energy Conversion, 2021, 36, 3481-3490.	3.7	15
97	Enhanced design of an offgrid PV-battery-methanation hybrid energy system for power/gas supply. Renewable Energy, 2021, 167, 440-456.	4.3	15
98	Mechanism Analysis and Real-time Control of Energy Storage Based Grid Power Oscillation Damping: A Soft Actor-Critic Approach. IEEE Transactions on Sustainable Energy, 2021, 12, 1915-1926.	5.9	15
99	A Multiagent Deep Reinforcement Learning Based Approach for the Optimization of Transformer Life Using Coordinated Electric Vehicles. IEEE Transactions on Industrial Informatics, 2022, 18, 7639-7652.	7.2	15
100	Optimized Operation of Hybrid System Integrated With MHP, PV and PHS Considering Generation/Load Similarity. IEEE Access, 2019, 7, 107793-107804.	2.6	14
101	Adaptive synergistic control strategy for a hybrid AC/DC microgrid during normal operation and contingencies. Applied Energy, 2021, 304, 117756.	5.1	14
102	Speed and Position Sensorless Control for Dual-Three-Phase PMSM Drives. , 2009, , .		13
103	Optimal Load Response to Time-of-Use Power Price for Demand Side Management in Denmark. , 2010, , .		13
104	Loss minimizing operation of doubly fed induction generator based wind generation systems considering reactive power provision. , 2014, , .		13
105	Optimized Placement of Onshore Wind Farms Considering Topography. Energies, 2019, 12, 2944.	1.6	13
106	Floquet-Theory-Based Small-Signal Stability Analysis of Single-Phase Asymmetric Multilevel Inverters With SRF Voltage Control. IEEE Transactions on Power Electronics, 2020, 35, 3221-3241.	5.4	13
107	Quantitative Assessment of Stochastic Property of Network-Induced Time Delay in Smart Substation Cyber Communications. IEEE Transactions on Smart Grid, 2020, 11, 2407-2416.	6.2	13
108	Optimal operational strategy for a future electricity and hydrogen supply system in a residential area. International Journal of Hydrogen Energy, 2022, 47, 4426-4440.	3.8	13

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109	EV Charging Strategy Considering Transformer Lifetime via Evolutionary Curriculum Learning-Based Multiagent Deep Reinforcement Learning. IEEE Transactions on Smart Grid, 2022, 13, 2774-2787.	6.2	13
110	Stabilization of Time-Delayed Power System With Combined Frequency-Domain IQC and Time-Domain Dissipation Inequality. IEEE Transactions on Power Systems, 2018, 33, 5531-5541.	4.6	12
111	A proposed flicker mitigation scheme of DFIG in weak distribution networks. AEJ - Alexandria Engineering Journal, 2019, 58, 677-687.	3.4	12
112	Optimal power dispatch strategy of onshore wind farms considering environmental impact. International Journal of Electrical Power and Energy Systems, 2020, 116, 105548.	3.3	12
113	Improved control strategies for a DFIG-based wind-power generation system with SGSC under unbalanced and distorted grid voltage conditions. International Journal of Electrical Power and Energy Systems, 2016, 77, 185-196.	3.3	11
114	Guest Editorial for the Special Section on Enabling Very High Penetration Renewable Energy Integration Into Future Power Systems. IEEE Transactions on Power Systems, 2018, 33, 3223-3226.	4.6	11
115	Optimal active and reactive power cooperative dispatch strategy of wind farm considering levelised production cost minimisation. Renewable Energy, 2020, 148, 113-123.	4.3	11
116	Vibration Reduction Controller for a Switched Reluctance Machine Based on HW/SW Partitioning. IEEE Transactions on Industrial Informatics, 2021, 17, 3879-3889.	7.2	11
117	Reactive power dispatch for loss minimization of a Doubly fed induction generator based wind farm. , 2014, , .		10
118	Development of a 120ÂHz 110â€³ ultra-high-definition a-Si liquid crystal display panel. Journal of Information Display, 2014, 15, 77-80.	2.1	10
119	Protection Testing for Multiterminal High-Voltage dc Grid: Procedures and Procedures and Assessment. IEEE Industrial Electronics Magazine, 2020, 14, 46-64.	2.3	10
120	Design method of LM thin flange wheel profile based on NURBS. Vehicle System Dynamics, 2021, 59, 17-32.	2.2	10
121	Economical operation strategy of an integrated energy system with wind power and power to gas technology â€“ a DRLâ€based approach. IET Renewable Power Generation, 2020, 14, 3292-3299.	1.7	10
122	Three-stage relaxation-weightsum-correction based probabilistic reactive power optimization in the distribution network with multiple wind generators. International Journal of Electrical Power and Energy Systems, 2022, 141, 108146.	3.3	10
123	The Relationship Between Electricity Price and Wind Power Generation in Danish Electricity Markets. , 2010, , .		9
124	Enhanced Control for a Direct-driven Permanent Synchronous Generator Wind-power Generation System with Flywheel Energy Storage Unit Under Unbalanced Grid Fault. Electric Power Components and Systems, 2015, 43, 982-994.	1.0	9
125	Implementation of repowering optimization for an existing photovoltaicâ€pumped hydro storage hybrid system: A case study in Sichuan, China. International Journal of Energy Research, 2019, 43, 8463.	2.2	9
126	A Contribution to the Development of High-Voltage dc Circuit Breaker Technologies: A Review of New Considerations. IEEE Industrial Electronics Magazine, 2022, 16, 42-59.	2.3	8

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127	Artificial intelligence based approach to improve the frequency control in hybrid power system. Energy Reports, 2020, 6, 174-181.	2.5	8
128	Deep reinforcement learning based parameter self-tuning control strategy for VSG. Energy Reports, 2022, 8, 219-226.	2.5	8
129	Applications of artificial intelligence in renewable energy systems. IET Renewable Power Generation, 2022, 16, 1279-1282.	1.7	8
130	Wind power fluctuations mitigation by DC-Link voltage control of variable speed wind turbines. , 2008, , .		7
131	Optimal operation of electric vehicles in competitive electricity markets and its impact on distribution power systems. , 2011, , .		7
132	The Primary Frequency Control Method of Tidal Turbine Based on Pitch Control. Energy Procedia, 2018, 145, 199-204.	1.8	7
133	Smart Micro-Grid: An Immediate Solution to Nigeriaâ€™s Power Sector Crisis. , 2019, , .		7
134	Thermal Optimization Strategy Based on Second-Order Harmonic Circulating Current Injection for MMCs. IEEE Access, 2021, 9, 80183-80196.	2.6	7
135	Flexibility enhancement measures under the COVID-19 pandemic â€“ A preliminary comparative analysis in Denmark, the Netherlands, and Sichuan of China. Energy, 2022, 239, 122166.	4.5	7
136	Shortâ€term load forecasting based on <scp>LSTNet</scp> in power system. International Transactions on Electrical Energy Systems, 2021, 31, e13164.	1.2	7
137	An Improved DC-Link Voltage Control Method for Multiple Grid Connected Converter in Direct Drive Wind Power Generation System. , 2009, , .		6
138	Wind farm active power dispatch for output power maximizing based on a wind turbine control strategy for load minimizing. , 2015, , .		6
139	Offshore wind farm cable connection configuration optimization using Dynamic Minimum Spanning Tree algorithm. , 2015, , .		6
140	Optimal operation and location of heat pumps in the integrated energy systems. , 2017, , .		6
141	Optimal Investment Strategies for Solar Energy Based Systems. Energies, 2019, 12, 2826.	1.6	6
142	Optimized Operation of Photovoltaic and Pumped Hydro Storage Hybrid Energy System in the Electricity Market. , 2019, , .		6
143	Uncertainty analysis and robust control of fuel delivery systems considering nitrogen crossover phenomenon. International Journal of Hydrogen Energy, 2020, 45, 32367-32387.	3.8	6
144	Cable Connection Optimization for Onshore Wind Farms Considering Restricted Area and Topography. IEEE Systems Journal, 2020, 14, 3082-3092.	2.9	6

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145	Small-signal modeling of wind farm with direct-drive PMSG using the component connection method. Energy Reports, 2021, 7, 334-342.	2.5	6
146	A novel deep reinforcement learning enabled agent for pumped storage hydroâ€windâ€solar systems voltage control. IET Renewable Power Generation, 2021, 15, 3941-3956.	1.7	6
147	Modeling and control of zero-sequence current in multiple grid connected converter. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	5
148	A novel energy yields calculation method for irregular wind farm layout. , 2015, , .		5
149	Comparative study between two market clearing schemes in wind dominant electricity markets. IET Generation, Transmission and Distribution, 2015, 9, 2215-2223.	1.4	5
150	A Dynamic Programming based method for optimizing power system restoration with high wind power penetration. , 2016, , .		5
151	Design and Application of Big Data Platform Architecture for Typical Scenarios of Power System. , 2018, , .		5
152	Hybrid mode control for wide range softâ€switched fullâ€bridge converter with auxiliary parallel inductor networks. IET Power Electronics, 2019, 12, 1670-1678.	1.5	5
153	Probabilistic load flow computation considering dependence of wind powers and using <scp>quasiâ€Monte</scp> Carlo method <scp>with truncated</scp> regular vine copula. International Transactions on Electrical Energy Systems, 2020, 30, e12646.	1.2	5
154	A Deep Q-Network based optimized modulation scheme for Dual-Active-Bridge converter to reduce the RMS current. Energy Reports, 2020, 6, 1192-1198.	2.5	5
155	Deep Reinforcement Learning Based Optimization Strategy for Hydro-Governor PID Parameters to Suppress ULFO. , 2020, , .		5
156	Comparison study of power system small signal stability improvement using SSSC and STATCOM. , 2013, , .		4
157	Review of power system stability with high wind power penetration. , 2015, , .		4
158	Research of smart grid cyber architecture and standards deployment with high adaptability for Security Monitoring. , 2015, , .		4
159	Offshore substation locating in wind farms based on prim algorithm. , 2015, , .		4
160	The integrated control strategy for primary frequency control of DFIGs based on virtual inertia and pitch control. , 2016, , .		4
161	A wind farm active power dispatch strategy for fatigue load reduction. , 2016, , .		4
162	A phase feedforward based virtual synchronous generator control scheme. , 2018, , .		4

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163	Wind Turbines with DFIG Participate into Primary and Secondary Frequency Control by Suboptimal Power Tracking Method. , 2018, , .		4
164	Optimal Operation of Photovoltaic-Pump Hydro Storage Hybrid System. , 2018, , .		4
165	A Hybrid Cable Connection Structure for Wind Farms With Reliability Consideration. IEEE Access, 2019, 7, 144398-144407.	2.6	4
166	Tolerant Control of Voltage Signal Fault for Converter Station Based Multi-Terminal HVDC Systems. IEEE Access, 2019, 7, 48175-48184.	2.6	4
167	Dynamic state estimation of power system with stochastic delay based on neural network. Energy Reports, 2021, 7, 159-166.	2.5	4
168	Impact analysis of COVID-19 pandemic on the future green power sector: A case study in the Netherlands. Renewable Energy, 2022, 191, 261-277.	4.3	4
169	Flicker study on variable speed wind turbines with permanent magnet synchronous generator. , 2008, , .		3
170	Individual pitch control for mitigation of power fluctuation of variable speed wind turbines. , 2012, , .		3
171	Power system transient stability improvement using demand side management in competitive electricity markets. , 2012, , .		3
172	Residue-based coordinated selection and parameter design of multiple power system stabilizers (PSSs). , 2013, , .		3
173	Economic valuation of reserves on cross border interconnections; A Danish case study. , 2014, , .		3
174	A Preprocessing Method for Gait Recognition. Communications in Computer and Information Science, 2016, , 77-86.	0.4	3
175	A simple PV inverter power factor control method based on solar irradiance variation. , 2017, , .		3
176	Cable Connection Scheme Optimization for Offshore Wind Farm Considering Wake Effect. , 2018, , .		3
177	Robust chance-constrained gas management for a standalone gas supply system based on wind energy. Energy, 2020, 212, 118723.	4.5	3
178	An Adaptive Control Strategy for Virtual Synchronous Generator to Damp Power System Low Frequency Oscillation. , 2020, , .		3
179	A Novel Belief Function Based Framework for UOPF With Multiprobability-Characterized and Knowledge Deficient Power Sources. IEEE Transactions on Industrial Informatics, 2021, 17, 3153-3164.	7.2	3
180	Robust Nonlinear Controller to Damp Drivetrain Torsional Oscillation of Wind Turbine Generators. IEEE Transactions on Sustainable Energy, 2021, 12, 1336-1346.	5.9	3

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181	SMES Damping Controller Design and Real-Time Parameters Tuning for Low-Frequency Oscillation. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.1	3
182	Minimum current stress operation of dual active half-bridge converter using triple phase shift control for renewable energy applications. Energy Reports, 2022, 8, 547-553.	2.5	3
183	A Novel Multi-task Learning Method with Attention Mechanism for Wind Turbine Blades Imbalance Fault Diagnosis. , 2022, , .		3
184	A Multiagent Deep Reinforcement Learning-Enabled Dual-Branch Damping Controller for Multimode Oscillation. IEEE Transactions on Control Systems Technology, 2023, 31, 483-492.	3.2	3
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