Qi Huang

List of Publications by Year in descending order

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238	4,997	87723	128067
papers	citations	38 h-index	60 g-index

248	248	248	3423
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	China CO2 emission accounts 2016â€“2017. Scientific Data, 2020, 7, 54.	2.4	527
2	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
3	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
4	Delay-Dependent Stability Control for Power System With Multiple Time-Delays. IEEE Transactions on Power Systems, 2016, 31, 2316-2326.	4.6	110
5	Blockchain Enabled Distributed Demand Side Management in Community Energy System With Smart Homes. IEEE Access, 2020, 8, 37428-37439.	2.6	109
6	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
7	Improved Wind Farm Aggregated Modeling Method for Large-Scale Power System Stability Studies. IEEE Transactions on Power Systems, 2018, 33, 6332-6342.	4.6	87
8	Smart Substation: State of the Art and Future Development. IEEE Transactions on Power Delivery, 2017, 32, 1098-1105.	2.9	77
9	Estimation of Current and Sag in Overhead Power Transmission Lines With Optimized Magnetic Field Sensor Array Placement. IEEE Transactions on Magnetics, 2017, 53, 1-10.	1.2	76
10	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
11	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
12	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
13	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
14	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
15	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
16	A Novel Approach for Fault Location of Overhead Transmission Line With Noncontact Magnetic-Field Measurement. IEEE Transactions on Power Delivery, 2012, 27, 1186-1195.	2.9	65
17	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
18	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

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19	Strategy for wind power plant contribution to frequency control under variable wind speed. Renewable Energy, 2019, 130, 1226-1236.	4.3	58
20	A converging non-cooperative <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.svg"><mml:mo>&</mml:mo></mml:math> cooperative game theory approach for stabilizing peer-to-peer electricity trading. Electric Power Systems Research, 2020, 183, 106278.	2.1	58
21	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
22	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
23	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
24	A frequency control strategy of electric vehicles in microgrid using virtual synchronous generator control. Energy, 2019, 189, 116389.	4.5	53
25	A motivational game-theoretic approach for peer-to-peer energy trading in islanded and grid-connected microgrid. International Journal of Electrical Power and Energy Systems, 2020, 123, 106307.	3.3	53
26	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
27	A review of transactive energy systems: Concept and implementation. Energy Reports, 2021, 7, 7804-7824.	2.5	53
28	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
29	Fault Detection and Localization for Overhead 11-kV Distribution Lines With Magnetic Measurements. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2028-2038.	2.4	49
30	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
31	An approach for sustainable energy planning towards 100 % electrification of Nigeria by 2030. Energy, 2020, 197, 117172.	4.5	45
32	Scheduling of wind-battery hybrid system in the electricity market using distributionally robust optimization. Renewable Energy, 2020, 156, 47-56.	4.3	45
33	Optimal reactive power dispatch of a full-scale converter based wind farm considering loss minimization. Renewable Energy, 2019, 139, 292-301.	4.3	44
34	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
35	Thermo-environ study of a concentrated photovoltaic thermal system integrated with Kalina cycle for multigeneration and hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 26716-26732.	3.8	42
36	Reduced-temperature redox-stable LSM as a novel symmetrical electrode material for SOFCs. Electrochimica Acta, 2018, 260, 121-128.	2.6	42

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37	Estimating Sag and Wind-Induced Motion of Overhead Power Lines With Current and Magnetic-Flux Density Measurements. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 897-909.	2.4	41
38	Optimized Power Dispatch in Wind Farms for Power Maximizing Considering Fatigue Loads. IEEE Transactions on Sustainable Energy, 2018, 9, 862-871.	5.9	41
39	Impact of economic development on CO2 emission in Africa; the role of BEVs and hydrogen production in renewable energy integration. International Journal of Hydrogen Energy, 2021, 46, 2755-2773.	3.8	40
40	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
41	Two-Stage Bidding Strategy for Peer-to-Peer Energy Trading of Nanogrid. IEEE Transactions on Industry Applications, 2020, 56, 1000-1009.	3.3	39
42	Monitoring of Overhead Transmission Lines: A Review from the Perspective of Contactless Technologies. Sensing and Imaging, 2017, 18, 1.	1.0	38
43	An Imbalance Fault Detection Algorithm for Variable-Speed Wind Turbines: A Deep Learning Approach. Energies, 2019, 12, 2764.	1.6	37
44	Transition pathways towards a deep decarbonization energy systemâ€”A case study in Sichuan, China. Applied Energy, 2021, 302, 117507.	5.1	37
45	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
46	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
47	A multi-agent deep reinforcement learning approach enabled distributed energy management schedule for the coordinate control of multi-energy hub with gas, electricity, and freshwater. Energy Conversion and Management, 2022, 255, 115340.	4.4	33
48	Magnetics in Smart Grid. IEEE Transactions on Magnetics, 2014, 50, 1-7.	1.2	32
49	A novel communication efficient peer-to-peer energy trading scheme for enhanced privacy in microgrids. Applied Energy, 2021, 296, 117075.	5.1	32
50	Comparative performance analysis of solar powered supercritical-transcritical CO2 based systems for hydrogen production and multigeneration. International Journal of Hydrogen Energy, 2021, 46, 26272-26288.	3.8	31
51	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
52	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
53	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
54	Decarbonization of China's electricity systems with hydropower penetration and pumped-hydro storage: Comparing the policies with a techno-economic analysis. Renewable Energy, 2022, 196, 65-83.	4.3	29

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55	Optimizing the layout of onshore wind farms to minimize noise. Applied Energy, 2020, 267, 114896.	5.1	28
56	Strategic Prosumers-Based Peer-to-Peer Energy Market Design for Community Microgrids. IEEE Transactions on Industry Applications, 2021, 57, 2048-2057.	3.3	28
57	Blockchain technology for electricity market in microgrid. , 2017, , .		27
58	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
59	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
60	Interferenceâ€rejecting current measurement method with tunnel magnetoresistive magnetic sensor array. IET Science, Measurement and Technology, 2018, 12, 733-738.	0.9	26
61	Analysis of Energy Savings of CVR Including Refrigeration Loads in Distribution Systems. IEEE Transactions on Power Delivery, 2018, 33, 158-168.	2.9	26
62	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
63	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
64	Look-ahead risk-constrained scheduling for an energy hub integrated with renewable energy. Applied Energy, 2021, 297, 117109.	5.1	25
65	A Novel Whole-View Test Approach for Onsite Commissioning in Smart Substation. IEEE Transactions on Power Delivery, 2013, 28, 1715-1722.	2.9	24
66	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
67	Active power dispatch optimization for offshore wind farms considering fatigue distribution. Renewable Energy, 2020, 151, 1173-1185.	4.3	23
68	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
69	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
70	Minimum of Geometric Dilution of Precision (GDOP) for five satellites with dual-GNSS constellations. Advances in Space Research, 2015, 56, 229-236.	1.2	22
71	An innovative approach for geothermal-wind hybrid comprehensive energy system and hydrogen production modeling/process analysis. International Journal of Hydrogen Energy, 2022, 47, 13261-13288.	3.8	22
72	A Computational Attractive Interval Power Flow Approach With Correlated Uncertain Power Injections. IEEE Transactions on Power Systems, 2020, 35, 825-828.	4.6	21

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73	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
74	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
75	An Interference-Rejection Strategy for Measurement of Small Current Under Strong Interference With Magnetic Sensor Array. IEEE Sensors Journal, 2019, 19, 692-700.	2.4	20
76	Consumersâ€™ preference based optimal price determination model for P2P energy trading. Electric Power Systems Research, 2020, 187, 106488.	2.1	20
77	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
78	Performance Analyses of a Renewable Energy Powered System for Trigeneration. Sustainability, 2019, 11, 6006.	1.6	19
79	Application of deep learning for solar irradiance and solar photovoltaic multi-parameter forecast. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-21.	1.2	18
80	Towards a sustainable and cleaner environment in China: Dynamic analysis of vehicle-to-grid, batteries and hydro storage for optimal RE integration. Sustainable Energy Technologies and Assessments, 2020, 42, 100872.	1.7	17
81	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
82	Comprehensive functional data analysis of Chinaâ€™s dynamic energy security index. Energy Reports, 2021, 7, 6246-6259.	2.5	17
83	Characteristic estimation of high voltage transmission line conductors with simultaneous magnetic field and current measurements. , 2016, , .		15
84	Globally exponential stability and stabilization of interconnected Markovian jump system with mode-dependent delays. International Journal of Systems Science, 2016, 47, 14-31.	3.7	15
85	Reliable H â^ž control on saturated linear Markov jump system with uncertain transition rates and asynchronous jumped actuator failure. Journal of the Franklin Institute, 2018, 355, 3853-3872.	1.9	15
86	New characteristics of weighted GDOP in multi-GNSS positioning. GPS Solutions, 2018, 22, 1.	2.2	15
87	A novel non-invasion magnetic sensor array based measurement method of large current. Measurement: Journal of the International Measurement Confederation, 2019, 139, 78-84.	2.5	15
88	Integration of wind turbine with heliostat based CSP/CPVT system for hydrogen production and polygeneration: A thermodynamic comparison. International Journal of Hydrogen Energy, 2022, 47, 3316-3345.	3.8	15
89	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
90	Enhanced design of an offgrid PV-battery-methanation hybrid energy system for power/gas supply. Renewable Energy, 2021, 167, 440-456.	4.3	15

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91	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
92	Experimental study of Tunnel and Anisotropic Magnetoresistive sensor for power system magnetic field measurement applications. , 2015, , .		14
93	Passivity and Absolute Stability Analysesof Trilateral Haptic Collaborative Systems. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 78, 3-20.	2.0	14
94	Mathematical minimum of Geometric Dilution of Precision (GDOP) for dual-GNSS constellations. Advances in Space Research, 2016, 57, 183-188.	1.2	14
95	Optimized Operation of Hybrid System Integrated With MHP, PV and PHS Considering Generation/Load Similarity. IEEE Access, 2019, 7, 107793-107804.	2.6	14
96	Optimized Placement of Onshore Wind Farms Considering Topography. Energies, 2019, 12, 2944.	1.6	13
97	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
98	Energy, exergy and environmental analyses of a biomass driven multi-generation system. International Journal of Exergy, 2020, 31, 249.	0.2	13
99	Application of Multisynchrosqueezing Transform for Subsynchronous Oscillation Detection Using PMU Data. IEEE Transactions on Industry Applications, 2021, 57, 2006-2013.	3.3	13
100	A Novel Hierarchical Demand Response Strategy for Residential Microgrid. IEEE Transactions on Industry Applications, 2021, 57, 3262-3271.	3.3	13
101	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
102	Smart Substation: State of Art and Future Development. IEEE Transactions on Power Delivery, 2016, , 1-1.	2.9	12
103	A coordinated charging strategy for electric vehicles based on multi-objective optimization. , 2017, , .		12
104	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
105	Two-Stages Bidding Strategies for Residential Microgrids Based Peer-to-Peer Energy Trading. , 2019, , .		12
106	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
107	Concentrated Solar Powered Novel Multi-Generation System: A Energy, Exergy, and Environmental Analysis. Journal of Solar Energy Engineering, Transactions of the ASME, 2020, 142, .	1.1	12
108	Blockchain Technology Hyperledger Framework in the Internet of Energy. IOP Conference Series: Earth and Environmental Science, 2018, 168, 012043.	0.2	11

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109	A Novel Method for Wide Range Electric Current Measurement in Gas-Insulated Switchgears With Shielded Magnetic Measurements. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4712-4722.	2.4	11
110	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
111	Real-time and contactless initial current traveling wave measurement for overhead transmission line fault detection based on tunnel magnetoresistive sensors. Electric Power Systems Research, 2020, 187, 106508.	2.1	11
112	Wind Farm Dynamic Equivalent Modeling Method for Power System Probabilistic Stability Assessment. IEEE Transactions on Industry Applications, 2020, 56, 2273-2280.	3.3	11
113	Design for Reliability Through Text Mining and Optimal Product Verification and Validation Planning. IEEE Transactions on Reliability, 2021, 70, 231-247.	3.5	11
114	Robustness-Improved Method for Measurement-Based Equivalent Modeling of Active Distribution Network. IEEE Transactions on Industry Applications, 2021, 57, 2146-2155.	3.3	11
115	PMU Based Problematic Parameter Identification Approach for Calibrating Generating Unit Models. IEEE Transactions on Industry Applications, 2021, 57, 4520-4527.	3.3	11
116	Decentralized finite-time Hâˆž filtering for interconnected Markovian jump system with interval mode-dependent delays. Applied Mathematics and Computation, 2015, 258, 138-154.	1.4	10
117	A Closed Normal Form Solution Under Near-Resonant Modal Interaction in Power Systems. IEEE Transactions on Power Systems, 2017, 32, 4570-4578.	4.6	10
118	GDOP minimum in multi-GNSS positioning. Advances in Space Research, 2017, 60, 1400-1403.	1.2	10
119	Risk Implemented Simultaneous Game-Theoretic Approach for Energy Trading in Residential Microgrids. Energy Procedia, 2019, 158, 6679-6686.	1.8	10
120	Development and Assessment of Renewable Energyâ€“Integrated Multigeneration System for Rural Communities in Nigeria: Case Study. Journal of Energy Engineering - ASCE, 2020, 146, .	1.0	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	Subsynchronous Oscillation Analysis Using Multisynchrosqueezing Transform and Dissipating Energy Flow Method. IEEE Transactions on Industry Applications, 2022, 58, 3134-3141.	3.3	10
123	Decentralized Observer-Based Reliable Control for a Class of Interconnected Markov Jumped Time-Delay System Subject to Actuator Saturation and Failure. Circuits, Systems, and Signal Processing, 2018, 37, 4728-4752.	1.2	9
124	A Novel High-Frequency Voltage Standing-Wave Ratio-Based Grounding Electrode Line Fault Supervision in Ultra-High Voltage DC Transmission Systems. Energies, 2017, 10, 309.	1.6	8
125	Fault Location and Fault Type Recognition of Power System Based on Wavelet Transform. , 2019, , .		8
126	A Data-Driven Gross Domestic Product Forecasting Model Based on Multi-Indicator Assessment. IEEE Access, 2021, 9, 99495-99503.	2.6	8

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127	Preemptive Medium-Low Voltage Arc Flash Detection With Geometric Distribution Analysis on Magnetic Field. IEEE Transactions on Industry Applications, 2021, 57, 2129-2137.	3.3	8
128	Minimization of Network Losses With Financial Incentives in Voluntary Demand Response. IEEE Access, 2018, 6, 16515-16522.	2.6	7
129	Study on Additional Dynamic Component of Electronic Current Transducer Based on Rogowski Coil and Its Test Approach. IEEE Transactions on Industry Applications, 2020, 56, 1258-1265.	3.3	7
130	Towards cleaner/sustainable energy consumption in agriculture farms: Performance assessment of two innovative high-performance solar-based multigeneration systems. Energy Conversion and Management, 2021, 244, 114507.	4.4	7
131	A deep reinforcement learning-based approach for the residential appliances scheduling. Energy Reports, 2022, 8, 1034-1042.	2.5	7
132	Optimal operation and location of heat pumps in the integrated energy systems. , 2017, , .		6
133	Optimal Investment Strategies for Solar Energy Based Systems. Energies, 2019, 12, 2826.	1.6	6
134	Optimized Operation of Photovoltaic and Pumped Hydro Storage Hybrid Energy System in the Electricity Market. , 2019, , .		6
135	Cable Connection Optimization for Onshore Wind Farms Considering Restricted Area and Topography. IEEE Systems Journal, 2020, 14, 3082-3092.	2.9	6
136	Approach to Enhance the Robustness on PMU-Based Power System Dynamic Equivalent Modeling. IEEE Transactions on Industry Applications, 2020, 56, 1116-1123.	3.3	6
137	Robustness Improvement on PMU Based Dynamic Equivalent Modeling of Distributed Small Hydropower Generator Stacks. IEEE Transactions on Power Systems, 2020, 35, 3388-3399.	4.6	6
138	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
139	Scheduling optimization of microgrid considering electric vehicles. , 2017, , .		5
140	Design and Application of Big Data Platform Architecture for Typical Scenarios of Power System. , 2018, , .		5
141	Separated Double-Layer Magnetic Shielding With Magnetic Sensor For Large Current Measurement. , 2018, , .		5
142	A Review on the Development of Concentrated Solar Power and its Integration in Coal-Fired Power Plants. , 2019, , .		5
143	A biomass-integrated comprehensive energy system: thermodynamics assessment and performance comparison of sugarcane bagasse and rice husk as input source. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	1.2	5
144	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

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145	A Dynamic Bayesian Network Control Strategy for Modeling Grid-Connected Inverter Stability. IEEE Transactions on Reliability, 2022, 71, 75-86.	3.5	5
146	Deep Reinforcement Learning Based Optimization Strategy for Hydro-Governor PID Parameters to Suppress ULFO. , 2020, , .		5
147	Cost-effective Energy Management System in Prosumer based Electricity Market. , 2020, , .		5
148	A Novel Two-Stage NNFL Strategy for Load-Frequency Control Using SMES. IETE Journal of Research, 2015, 61, 392-401.	1.8	4
149	A closed-form method for single-point positioning with six satellites in dual-GNSS constellations. Advances in Space Research, 2016, 58, 2280-2286.	1.2	4
150	A Novel Adaptive Filter for Accurate Measurement of Current with Magnetic Sensor Array. , 2018, , .		4
151	Optimal Operation of Photovoltaic-Pump Hydro Storage Hybrid System. , 2018, , .		4
152	Blockchain Based Domestic Appliances Scheduling in Community Microgrids. , 2019, , .		4
153	A Hybrid Cable Connection Structure for Wind Farms With Reliability Consideration. IEEE Access, 2019, 7, 144398-144407.	2.6	4
154	Tolerant Control of Voltage Signal Fault for Converter Station Based Multi-Terminal HVDC Systems. IEEE Access, 2019, 7, 48175-48184.	2.6	4
155	Analysis on Oscillation Propagation Characteristics based on Impedance Model. , 2019, , .		4
156	Dynamic state estimation of power system with stochastic delay based on neural network. Energy Reports, 2021, 7, 159-166.	2.5	4
157	Integrated Optimal Planning of Distribution Network With Geographical-Zone-Restricted Renewable Energy Sources. Frontiers in Energy Research, 2022, 10, .	1.2	4
158	Modeling and control of a 6-control-area interconnected power system to protect the network frequency applying different controllers. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 2205-2219.	0.9	3
159	Small-Signal Modeling and Analysis of Grid-Connected Inverter with Power Differential Droop Control. Mathematical Problems in Engineering, 2016, 2016, 1-10.	0.6	3
160	A wind turbine control method based on Jensen model. , 2016, , .		3
161	Development of the test platform for the characteristics of the Rogowski coil electronic current transformer. , 2016, , .		3
162	Efficient energy resource scheduling for sustainable diversified farming. Journal of Renewable and Sustainable Energy, 2017, 9, 044902.	0.8	3

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163	A Novel Location Method for Grounding Electrode Line Fault Caused by Unipolar Fault of the HVDC Transmission System. , 2018, , .		3
164	Analysis on Dynamic Response of LCC-VSC Hybrid HVDC System with AC/DC Faults. , 2018, , .		3
165	A New Distributed Control Strategy for DC Microgrids with Droop Coefficient Correction and DC Bus Voltage Restoration. , 2019, , .		3
166	Robust chance-constrained gas management for a standalone gas supply system based on wind energy. Energy, 2020, 212, 118723.	4.5	3
167	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
168	Robust Nonlinear Controller to Damp Drivetrain Torsional Oscillation of Wind Turbine Generators. IEEE Transactions on Sustainable Energy, 2021, 12, 1336-1346.	5.9	3
169	Study on an improved Normal Form solution and reduced-order mode reconstruction in power system. , 2015, , .		2
170	An investigation of intelligent controllers based on fuzzy logic and artificial neural network for power system frequency maintenance. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 2893-2909.	0.9	2
171	A method for state estimation of distribution network based on the classification of distribution transformer load. , 2016, , .		2
172	A novel approach to improve model generalization ability in dynamic equivalent of active distribution network. , 2017, , .		2
173	Shapley Value based Customers Voluntary Demand Response Program: A Stackelberg Game Approach. , 2019, , .		2
174	DC Bus Voltage Regulation for Distributed Energy Sources through Buck-Boost Converter in a Direct Current Micro Grid. , 2019, , .		2
175	Imprecise Reliability Analysis for the Robotic Component Based on Limited Lifetime Data. IEEE Access, 2019, 7, 163877-163886.	2.6	2
176	Optimized Planning of P2G Plant in Integrated Electricity and Natural Gas System. , 2019, , .		2
177	Assessment of spatial-temporal characteristics for disturbance propagation with combined FOPDT and PadÃ© Approximant in large-scale power system. International Journal of Electrical Power and Energy Systems, 2020, 123, 106334.	3.3	2
178	Double Deep Q-learning Based Approach for Power Flow Optimization in Distribution Networks. , 2020, , .		2
179	Analysis of Solar PV and Wind Power Penetration into Nigeria Electricity System. , 2020, , .		2
180	A Robust-Improved Method for Dynamic Equivalent Modeling of Active Distribution Network. , 2020, , .		2

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181	Stability Analysis of Time-Varying Delay Bilateral Teleoperation System with State Prediction. , 2020, , .		2
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