

Qi Huang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

183
papers

2,157
citations

24
h-index

37
g-index

248
ext. papers

3,456
ext. citations

5.5
avg, IF

6.05
L-index

#	Paper	IF	Citations
183	China CO emission accounts 2016-2017. <i>Scientific Data</i> , 2020 , 7, 54	8.2	160
182	Optimized sizing of a standalone PV-wind-hydropower station with pumped-storage installation hybrid energy system. <i>Renewable Energy</i> , 2020 , 147, 1418-1431	8.1	93
181	Delay-Dependent Stability Control for Power System With Multiple Time-Delays. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 2316-2326	7	78
180	Blockchain Enabled Distributed Demand Side Management in Community Energy System With Smart Homes. <i>IEEE Access</i> , 2020 , 8, 37428-37439	3.5	61
179	A Multi-Agent Deep Reinforcement Learning Based Voltage Regulation Using Coordinated PV Inverters. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 4120-4123	7	50
178	Estimation of Current and Sag in Overhead Power Transmission Lines With Optimized Magnetic Field Sensor Array Placement. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-10	2	48
177	Improved Wind Farm Aggregated Modeling Method for Large-Scale Power System Stability Studies. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 6332-6342	7	47
176	A Novel Approach for Fault Location of Overhead Transmission Line With Noncontact Magnetic-Field Measurement. <i>IEEE Transactions on Power Delivery</i> , 2012 , 27, 1186-1195	4.3	44
175	Performance analysis of a novel solar PTC integrated system for multi-generation with hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 190-206	6.7	38
174	A Novel Hybrid Short-Term Load Forecasting Method of Smart Grid Using MLR and LSTM Neural Network. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2443-2452	11.9	34
173	A converging non-cooperative & cooperative game theory approach for stabilizing peer-to-peer electricity trading. <i>Electric Power Systems Research</i> , 2020 , 183, 106278	3.5	33
172	Smart Substation: State of the Art and Future Development. <i>IEEE Transactions on Power Delivery</i> , 2017 , 32, 1098-1105	4.3	33
171	Optimal reactive power dispatch of a full-scale converter based wind farm considering loss minimization. <i>Renewable Energy</i> , 2019 , 139, 292-301	8.1	33
170	Optimal reactive power dispatch of permanent magnet synchronous generator-based wind farm considering levelised production cost minimisation. <i>Renewable Energy</i> , 2020 , 145, 1-12	8.1	31
169	Strategy for wind power plant contribution to frequency control under variable wind speed. <i>Renewable Energy</i> , 2019 , 130, 1226-1236	8.1	30
168	Deep reinforcement learningBased approach for optimizing energy conversion in integrated electrical and heating system with renewable energy. <i>Energy Conversion and Management</i> , 2019 , 202, 112199	10.6	29
167	A frequency control strategy of electric vehicles in microgrid using virtual synchronous generator control. <i>Energy</i> , 2019 , 189, 116389	7.9	29

166	Reduced-temperature redox-stable LSM as a novel symmetrical electrode material for SOFCs. <i>Electrochimica Acta</i> , 2018 , 260, 121-128	6.7	29
165	Data-driven optimal energy management for a wind-solar-diesel-battery-reverse osmosis hybrid energy system using a deep reinforcement learning approach. <i>Energy Conversion and Management</i> , 2021 , 227, 113608	10.6	29
164	Modelling and performance analysis of an innovative CPVT, wind and biogas integrated comprehensive energy system: An energy and exergy approach. <i>Energy Conversion and Management</i> , 2020 , 209, 112611	10.6	28
163	Optimal operational strategy for an offgrid hybrid hydrogen/electricity refueling station powered by solar photovoltaics. <i>Journal of Power Sources</i> , 2020 , 451, 227810	8.9	28
162	Optimized Power Dispatch in Wind Farms for Power Maximizing Considering Fatigue Loads. <i>IEEE Transactions on Sustainable Energy</i> , 2018 , 9, 862-871	8.2	26
161	High resolution wind speed forecasting based on wavelet decomposed phase space reconstruction and self-organizing map. <i>Renewable Energy</i> , 2019 , 140, 17-31	8.1	25
160	Estimating Sag and Wind-Induced Motion of Overhead Power Lines With Current and Magnetic-Flux Density Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017 , 66, 897-909	5.2	24
159	. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 5260-5272	10.7	24
158	Dynamic energy conversion and management strategy for an integrated electricity and natural gas system with renewable energy: Deep reinforcement learning approach. <i>Energy Conversion and Management</i> , 2020 , 220, 113063	10.6	24
157	An approach for sustainable energy planning towards 100 % electrification of Nigeria by 2030. <i>Energy</i> , 2020 , 197, 117172	7.9	24
156	Optimal operation of a wind-electrolytic hydrogen storage system in the electricity/hydrogen markets. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 24412-24423	6.7	24
155	Fault Detection and Localization for Overhead 11-kV Distribution Lines With Magnetic Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020 , 69, 2028-2038	5.2	23
154	A motivational game-theoretic approach for peer-to-peer energy trading in islanded and grid-connected microgrid. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 123, 106307	5.1	22
153	Bidding strategy for trading wind energy and purchasing reserve of wind power producer A DRL based approach. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 117, 105648	5.1	21
152	Two-Stage Bidding Strategy for Peer-to-Peer Energy Trading of Nanogrid. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 1000-1009	4.3	21
151	Electrification and renewable energy nexus in developing countries; an overarching analysis of hydrogen production and electric vehicles integrality in renewable energy penetration. <i>Energy Conversion and Management</i> , 2021 , 236, 114023	10.6	21
150	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7350-7361	8.9	19
149	Impact of economic development on CO2 emission in Africa; the role of BEVs and hydrogen production in renewable energy integration. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 2755-2773	6.7	19

148	A data-driven approach for designing STATCOM additional damping controller for wind farms. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 117, 105620	5.1	18
147	Optimizing the layout of onshore wind farms to minimize noise. <i>Applied Energy</i> , 2020 , 267, 114896	10.7	17
146	Scheduling of wind-battery hybrid system in the electricity market using distributionally robust optimization. <i>Renewable Energy</i> , 2020 , 156, 47-56	8.1	17
145	Magnetics in Smart Grid. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-7	2	17
144	Thermo-environ study of a concentrated photovoltaic thermal system integrated with Kalina cycle for multigeneration and hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 26716-26732	6.7	17
143	An Imbalance Fault Detection Algorithm for Variable-Speed Wind Turbines: A Deep Learning Approach. <i>Energies</i> , 2019 , 12, 2764	3.1	16
142	. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 1715-1722	4.3	16
141	Monitoring of Overhead Transmission Lines: A Review from the Perspective of Contactless Technologies. <i>Sensing and Imaging</i> , 2017 , 18, 1	1.4	16
140	. <i>IEEE Transactions on Power Delivery</i> , 2018 , 33, 158-168	4.3	16
139	Designing a standalone wind-diesel-CAES hybrid energy system by using a scenario-based bi-level programming method. <i>Energy Conversion and Management</i> , 2020 , 211, 112759	10.6	16
138	Minimum of Geometric Dilution of Precision (GDOP) for five satellites with dual-GNSS constellations. <i>Advances in Space Research</i> , 2015 , 56, 229-236	2.4	15
137	Improved probabilistic load flow method based on D-vine copulas and Latin hypercube sampling in distribution network with multiple wind generators. <i>IET Generation, Transmission and Distribution</i> , 2020 , 14, 893-899	2.5	14
136	Steady-state and process modeling of a novel wind-biomass comprehensive energy system: An energy conservation, exergy and performance analysis. <i>Energy Conversion and Management</i> , 2020 , 220, 113139	10.6	14
135	Ensuring profitability of retailers via Shapley Value based demand response. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 108, 72-85	5.1	14
134	Attention Enabled Multi-Agent DRL for Decentralized Volt-VAR Control of Active Distribution System Using PV Inverters and SVCs. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1582-1592	8.2	14
133	Passivity and Absolute Stability Analysesof Trilateral Haptic Collaborative Systems. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015 , 78, 3-20	2.9	13
132	A Computational Attractive Interval Power Flow Approach With Correlated Uncertain Power Injections. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 825-828	7	13
131	Strategic Prosumers-Based Peer-to-Peer Energy Market Design for Community Microgrids. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 2048-2057	4.3	13

130	Characteristic estimation of high voltage transmission line conductors with simultaneous magnetic field and current measurements 2016 ,			13
129	Interference-rejecting current measurement method with tunnel magnetoresistive magnetic sensor array. <i>IET Science, Measurement and Technology</i> , 2018 , 12, 733-738	1.5		13
128	Globally exponential stability and stabilization of interconnected Markovian jump system with mode-dependent delays. <i>International Journal of Systems Science</i> , 2016 , 47, 14-31	2.3		12
127	Blockchain technology for electricity market in microgrid 2017 ,			12
126	Optimized Operation of Hybrid System Integrated With MHP, PV and PHS Considering Generation/Load Similarity. <i>IEEE Access</i> , 2019 , 7, 107793-107804	3.5		12
125	Towards a sustainable and cleaner environment in China: Dynamic analysis of vehicle-to-grid, batteries and hydro storage for optimal RE integration. <i>Sustainable Energy Technologies and Assessments</i> , 2020 , 42, 100872	4.7		11
124	Reliable H _∞ control on saturated linear Markov jump system with uncertain transition rates and asynchronous jumped actuator failure. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3853-3872	4		11
123	2015 ,			11
122	Novel Data-Driven Approach Based on Capsule Network for Intelligent Multi-Fault Detection in Electric Motors. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 2173-2184	5.4		11
121	Optimized Placement of Onshore Wind Farms Considering Topography. <i>Energies</i> , 2019 , 12, 2944	3.1		10
120	Mathematical minimum of Geometric Dilution of Precision (GDOP) for dual-GNSS constellations. <i>Advances in Space Research</i> , 2016 , 57, 183-188	2.4		10
119	Active power dispatch optimization for offshore wind farms considering fatigue distribution. <i>Renewable Energy</i> , 2020 , 151, 1173-1185	8.1		10
118	Application of deep learning for solar irradiance and solar photovoltaic multi-parameter forecast. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-21	1.6		10
117	Performance Analyses of a Renewable Energy Powered System for Trigeneration. <i>Sustainability</i> , 2019 , 11, 6006	3.6		10
116	Risk management strategy for a renewable power supply system in commercial buildings considering thermal comfort and stochastic electric vehicle behaviors. <i>Energy Conversion and Management</i> , 2021 , 230, 113831	10.6		10
115	A novel communication efficient peer-to-peer energy trading scheme for enhanced privacy in microgrids. <i>Applied Energy</i> , 2021 , 296, 117075	10.7		10
114	. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 4137-4150	10.7		10
113	Transition pathways towards a deep decarbonization energy system—a case study in Sichuan, China. <i>Applied Energy</i> , 2021 , 302, 117507	10.7		10

112	A Closed Normal Form Solution Under Near-Resonant Modal Interaction in Power Systems. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 4570-4578	7	9
111	Decentralized finite-time H _∞ filtering for interconnected Markovian jump system with interval mode-dependent delays. <i>Applied Mathematics and Computation</i> , 2015 , 258, 138-154	2.7	9
110	Environmental impact of hydrogen production from Southwest China's hydro power water abandonment control. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 25587-25598	6.7	9
109	New characteristics of weighted GDOP in multi-GNSS positioning. <i>GPS Solutions</i> , 2018 , 22, 1	4.4	9
108	Consumers' preference based optimal price determination model for P2P energy trading. <i>Electric Power Systems Research</i> , 2020 , 187, 106488	3.5	8
107	Economic feasibility of a wind-battery system in the electricity market with the fluctuation penalty. <i>Journal of Cleaner Production</i> , 2020 , 271, 122513	10.3	8
106	Stabilization of Time-Delayed Power System With Combined Frequency-Domain IQC and Time-Domain Dissipation Inequality. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 5531-5541	7	8
105	An Interference-Rejection Strategy for Measurement of Small Current Under Strong Interference With Magnetic Sensor Array. <i>IEEE Sensors Journal</i> , 2019 , 19, 692-700	4	8
104	A review of transactive energy systems: Concept and implementation. <i>Energy Reports</i> , 2021 ,	4.6	8
103	Risk Implemented Simultaneous Game-Theoretic Approach for Energy Trading in Residential Microgrids. <i>Energy Procedia</i> , 2019 , 158, 6679-6686	2.3	7
102	Two-Stages Bidding Strategies for Residential Microgrids Based Peer-to-Peer Energy Trading 2019 ,		7
101	A Novel Method for Wide Range Electric Current Measurement in Gas-Insulated Switchgears With Shielded Magnetic Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019 , 68, 4712-4722	5.2	7
100	Optimal power dispatch strategy of onshore wind farms considering environmental impact. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 116, 105548	5.1	7
99	Application of Multisynchrosqueezing Transform for Subsynchronous Oscillation Detection Using PMU Data. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 2006-2013	4.3	7
98	Study on the economic benefits of retired electric vehicle batteries participating in the electricity markets. <i>Journal of Cleaner Production</i> , 2021 , 286, 125414	10.3	7
97	Nonlinear Virtual Inertia Control of WTGs for Enhancing Primary Frequency Response and Suppressing Drivetrain Torsional Oscillations. <i>IEEE Transactions on Power Systems</i> , 2021 , 36, 4102-4113	7	7
96	A novel deep reinforcement learning enabled sparsity promoting adaptive control method to improve the stability of power systems with wind energy penetration. <i>Renewable Energy</i> , 2021 , 178, 363-376	8.1	7
95	A novel non-invasion magnetic sensor array based measurement method of large current. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 139, 78-84	4.6	6

94	Development and Assessment of Renewable Energy Integrated Multigeneration System for Rural Communities in Nigeria: Case Study. <i>Journal of Energy Engineering - ASCE</i> , 2020 , 146, 05020001	1.7	6
93	Blockchain Technology Hyperledger Framework in the Internet of Energy. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 168, 012043	0.3	6
92	GDOP minimum in multi-GNSS positioning. <i>Advances in Space Research</i> , 2017 , 60, 1400-1403	2.4	6
91	A coordinated charging strategy for electric vehicles based on multi-objective optimization 2017 ,		6
90	Concentrated Solar Powered Novel Multi-Generation System: A Energy, Exergy, and Environmental Analysis. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2020 , 142,	2.3	6
89	Gaussian Process Kernel Transfer Enabled Method for Electric Machines Intelligent Faults Detection with Limited Samples. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 1-1	5.4	6
88	Real-time and contactless initial current traveling wave measurement for overhead transmission line fault detection based on tunnel magnetoresistive sensors. <i>Electric Power Systems Research</i> , 2020 , 187, 106508	3.5	5
87	Wind Farm Dynamic Equivalent Modeling Method for Power System Probabilistic Stability Assessment. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 2273-2280	4.3	5
86	A Novel High-Frequency Voltage Standing-Wave Ratio-Based Grounding Electrode Line Fault Supervision in Ultra-High Voltage DC Transmission Systems. <i>Energies</i> , 2017 , 10, 309	3.1	5
85	Optimal active and reactive power cooperative dispatch strategy of wind farm considering levelised production cost minimisation. <i>Renewable Energy</i> , 2020 , 148, 113-123	8.1	5
84	Integration of wind turbine with heliostat based CSP/CPVT system for hydrogen production and polygeneration: A thermodynamic comparison. <i>International Journal of Hydrogen Energy</i> , 2020 ,	6.7	5
83	Enhanced design of an offgrid PV-battery-methanation hybrid energy system for power/gas supply. <i>Renewable Energy</i> , 2021 , 167, 440-456	8.1	5
82	A Novel Hierarchical Demand Response Strategy for Residential Microgrid. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 3262-3271	4.3	5
81	RL-ANN Based Minimum-Current-Stress Scheme for the Dual Active Bridge Converter with Triple-Phase-Shift Control. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	5
80	Comparative performance analysis of solar powered supercritical-transcritical CO2 based systems for hydrogen production and multigeneration. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 26272-26288	6.7	5
79	Look-ahead risk-constrained scheduling for an energy hub integrated with renewable energy. <i>Applied Energy</i> , 2021 , 297, 117109	10.7	5
78	Decentralized Observer-Based Reliable Control for a Class of Interconnected Markov Jumped Time-Delay System Subject to Actuator Saturation and Failure. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 4728-4752	2.2	4
77	. <i>IEEE Access</i> , 2018 , 6, 16515-16522	3.5	4

76	Optimal Investment Strategies for Solar Energy Based Systems. <i>Energies</i> , 2019 , 12, 2826	3.1	4
75	Optimal operation and location of heat pumps in the integrated energy systems 2017 ,		4
74	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. <i>Energy Conversion and Management</i> , 2022 , 255, 115340	10.6	4
73	Model-free voltage control of active distribution system with PVs using surrogate model-based deep reinforcement learning. <i>Applied Energy</i> , 2022 , 306, 117982	10.7	4
72	Quantitative Assessment of Stochastic Property of Network-Induced Time Delay in Smart Substation Cyber Communications. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2407-2416	10.7	4
71	Energy, exergy and environmental analyses of a biomass driven multi-generation system. <i>International Journal of Exergy</i> , 2020 , 31, 249	1.2	4
70	Deep Reinforcement Learning Enabled Physical-Model-Free Two-Timescale Voltage Control Method for Active Distribution Systems. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	4
69	Tolerant Control of Voltage Signal Fault for Converter Station Based Multi-Terminal HVDC Systems. <i>IEEE Access</i> , 2019 , 7, 48175-48184	3.5	3
68	A Novel Two-Stage NNFL Strategy for Load-Frequency Control Using SMES. <i>IETE Journal of Research</i> , 2015 , 61, 392-401	0.9	3
67	. <i>IEEE Systems Journal</i> , 2020 , 14, 3082-3092	4.3	3
66	Study on Additional Dynamic Component of Electronic Current Transducer Based on Rogowski Coil and Its Test Approach. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 1258-1265	4.3	3
65	A Multi-agent Deep Reinforcement Learning-Based Approach for the Optimization of Transformer Life Using Coordinated Electric Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	3
64	A biomass-integrated comprehensive energy system: thermodynamics assessment and performance comparison of sugarcane bagasse and rice husk as input source. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-18	1.6	3
63	Probabilistic load flow computation considering dependence of wind powers and using quasi-Monte Carlo method with truncated regular vine copula. <i>International Transactions on Electrical Energy Systems</i> , 2020 , 30, e12646	2.2	3
62	Dynamic state estimation of power system with stochastic delay based on neural network. <i>Energy Reports</i> , 2021 , 7, 159-166	4.6	3
61	Robustness-Improved Method for Measurement-Based Equivalent Modeling of Active Distribution Network. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 2146-2155	4.3	3
60	Modeling and control of a 6-control-area interconnected power system to protect the network frequency applying different controllers. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016 , 24, 2205-2219	0.9	3
59	A closed-form method for single-point positioning with six satellites in dual-GNSS constellations. <i>Advances in Space Research</i> , 2016 , 58, 2280-2286	2.4	3

58	Design for Reliability Through Text Mining and Optimal Product Verification and Validation Planning. <i>IEEE Transactions on Reliability</i> , 2021 , 70, 231-247	4.6	3
57	A Data-Driven Gross Domestic Product Forecasting Model Based on Multi-Indicator Assessment. <i>IEEE Access</i> , 2021 , 9, 99495-99503	3.5	3
56	Design and Application of Big Data Platform Architecture for Typical Scenarios of Power System 2018 ,		3
55	Towards cleaner/sustainable energy consumption in agriculture farms: Performance assessment of two innovative high-performance solar-based multigeneration systems. <i>Energy Conversion and Management</i> , 2021 , 244, 114507	10.6	3
54	Comprehensive functional data analysis of China's dynamic energy security index. <i>Energy Reports</i> , 2021 , 7, 6246-6259	4.6	3
53	Spatio-Temporal Correlation-Based False Data Injection Attack Detection Using Deep Convolutional Neural Network. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	3
52	A Hybrid Cable Connection Structure for Wind Farms With Reliability Consideration. <i>IEEE Access</i> , 2019 , 7, 144398-144407	3.5	2
51	Stability Analysis of Time-Varying Delay Bilateral Teleoperation System with State Prediction 2020 ,		2
50	Robustness Improvement on PMU Based Dynamic Equivalent Modeling of Distributed Small Hydropower Generator Stacks. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 3388-3399	7	2
49	State of the Art Magnetoresistance Based Magnetic Field Measurement Technologies 2019 , 25-51		2
48	Blockchain Based Domestic Appliances Scheduling in Community Microgrids 2019 ,		2
47	Efficient energy resource scheduling for sustainable diversified farming. <i>Journal of Renewable and Sustainable Energy</i> , 2017 , 9, 044902	2.5	2
46	Cost-effective Energy Management System in Prosumer based Electricity Market 2020 ,		2
45	Deep Reinforcement Learning-based Approach for Online Tuning SMES Damping Controller Parameters 2020 ,		2
44	Economical operation strategy of an integrated energy system with wind power and power to gas technology via DRL-based approach. <i>IET Renewable Power Generation</i> , 2020 , 14, 3292-3299	2.9	2
43	Robust chance-constrained gas management for a standalone gas supply system based on wind energy. <i>Energy</i> , 2020 , 212, 118723	7.9	2
42	Preemptive Medium-Low Voltage Arc Flash Detection With Geometric Distribution Analysis on Magnetic Field. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 2129-2137	4.3	2
41	An investigation of intelligent controllers based on fuzzy logic and artificial neural network for power system frequency maintenance. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016 , 24, 2893-2909	0.9	2

40	Analysis on Oscillation Propagation Characteristics based on Impedance Model 2019 ,		2
39	A Novel Belief Function Based Framework for UOPF With Multiprobability-Characterized and Knowledge Deficient Power Sources. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 3153-3164	11.9	2
38	Analysis on Dynamic Response of LCC-VSC Hybrid HVDC System with AC/DC Faults 2018 ,		2
37	Approach to Enhance the Robustness on PMU-Based Power System Dynamic Equivalent Modeling. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 1116-1123	4.3	1
36	Scheduling optimization of microgrid considering electric vehicles 2017 ,		1
35	A practical preset position calibration technique for unattended smart substation security improvement 2017 ,		1
34	Shapley Value based Customers Voluntary Demand Response Program: A Stackelberg Game Approach 2019 ,		1
33	A calibration method of the zero-drift for testing system of electronic transformer characteristics 2015 ,		1
32	Study on an improved Normal Form solution and reduced-order mode reconstruction in power system 2015 ,		1
31	The adequacy model and analysis of swapping battery requirement for electric vehicles 2012 ,		1
30	Subsynchronous Oscillation Analysis Using Multisynchrosqueezing Transform and Dissipating Energy Flow Method. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	1
29	Dual-active-bridge DCDC converter with auxiliary parallel networks for wide load range ZVZCS application. <i>IET Power Electronics</i> , 2020 , 13, 2569-2579	2.2	1
28	Small-Signal Modeling and Analysis of Grid-Connected Inverter with Power Differential Droop Control. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-10	1.1	1
27	A wind turbine control method based on Jensen model 2016 ,		1
26	A method for state estimation of distribution network based on the classification of distribution transformer load 2016 ,		1
25	Approach to Enhance the Robustness on PMU based Power System Dynamic Equivalent Modeling 2019 ,		1
24	A Novel Adaptive Filter for Accurate Measurement of Current with Magnetic Sensor Array 2018 ,		1
23	Performance Analysis Of Parallel Inverter Based On Virtual Oscillator Control 2018 ,		1

22	Separated Double-Layer Magnetic Shielding With Magnetic Sensor For Large Current Measurement 2018 ,			1
21	A Dynamic Bayesian Network Control Strategy for Modeling Grid-Connected Inverter Stability. <i>IEEE Transactions on Reliability</i> , 2021 , 1-12	4.6		1
20	Integrated Optimal Planning of Distribution Network With Geographical-Zone-Restricted Renewable Energy Sources. <i>Frontiers in Energy Research</i> , 2022 , 10,	3.8		1
19	A deep reinforcement learning-based approach for the residential appliances scheduling. <i>Energy Reports</i> , 2022 , 8, 1034-1042	4.6		1
18	EV Charging Strategy Considering Transformer Lifetime Via Evolutionary Curriculum Learning-based Multi-agent Deep Reinforcement Learning. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7		1
17	Role of game theory in future decentralized energy frameworks 2022 , 189-206			1
16	A 2030 and 2050 feasible/sustainable decarbonization perusal for China's Sichuan Province: A deep carbon neutrality analysis and EnergyPLAN. <i>Energy Conversion and Management</i> , 2022 , 261, 115605	10.6		1
15	Robust Nonlinear Controller to Damp Drivetrain Torsional Oscillation of Wind Turbine Generators. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 1336-1346	8.2		0
14	Imprecise Reliability Analysis for the Robotic Component Based on Limited Lifetime Data. <i>IEEE Access</i> , 2019 , 7, 163877-163886	3.5		0
13	PMU Based Problematic Parameter Identification Approach for Calibrating Generating Unit Models. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 4520-4527	4.3		0
12	An innovative approach for geothermal-wind hybrid comprehensive energy system and hydrogen production modeling/process analysis. <i>International Journal of Hydrogen Energy</i> , 2022 , 47, 13261-13288	6.7		0
11	Smart Substation: State of the Art and Future Development. <i>IEEE Transactions on Power Delivery</i> , 2016 , 1-1	4.3		
10	Magnetic Field Measurement for Power Transmission Systems 2019 , 53-142			
9	Future Vision 2019 , 285-294			
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