

Qi Huang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6528798/qi-huang-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
182	Subsynchronous Oscillation Analysis Using Multisynchrosqueezing Transform and Dissipating Energy Flow Method. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	1
181	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
180	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
179	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
178	Integrated Optimal Planning of Distribution Network With Geographical-Zone-Restricted Renewable Energy Sources. <i>Frontiers in Energy Research</i> , 2022 , 10,	3.8	1
177	A deep reinforcement learning-based approach for the residential appliances scheduling. <i>Energy Reports</i> , 2022 , 8, 1034-1042	4.6	1
176	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
175	Role of game theory in future decentralized energy frameworks 2022 , 189-206		1
174	Approach for Parameter Calibration to Microgrid Model with Problematic Parameter Identification. <i>IEEE Transactions on Industry Applications</i> , 2022 , 1-1	4.3	
173	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
172	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
171	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
170	Dynamic state estimation of power system with stochastic delay based on neural network. <i>Energy Reports</i> , 2021 , 7, 159-166	4.6	3
169	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
168	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
167	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

166	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
165	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
164	A Novel Hierarchical Demand Response Strategy for Residential Microgrid. <i>IEEE Transactions on Industry Applications</i> , 2021 , 57, 3262-3271	4.3	5
163	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
162	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
161	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7350-7361	8.9	19
160	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
159	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
158	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
157	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
156	A simulation and experiment coassisted learning platform for understanding electromagnetic interaction in a smart grid. <i>Computer Applications in Engineering Education</i> , 2021 , 29, 1223-1233	1.6	
155	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
154	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
153	Wind farm control and optimization 2021 , 609-644		
152	A Data-Driven Gross Domestic Product Forecasting Model Based on Multi-Indicator Assessment. <i>IEEE Access</i> , 2021 , 9, 99495-99503	3.5	3
151	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
150	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
149	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

148	A review of transactive energy systems: Concept and implementation. <i>Energy Reports</i> , 2021 ,	4.6	8
147	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
146	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
145	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
144	Look-ahead risk-constrained scheduling for an energy hub integrated with renewable energy. <i>Applied Energy</i> , 2021 , 297, 117109	10.7	5
143	. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 4137-4150	10.7	10
142	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
141	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
140	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
139	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
138	Transition pathways towards a deep decarbonization energy system—a case study in Sichuan, China. <i>Applied Energy</i> , 2021 , 302, 117507	10.7	10
137	Comprehensive functional data analysis of China’s dynamic energy security index. <i>Energy Reports</i> , 2021 , 7, 6246-6259	4.6	3
136	A Dynamic Bayesian Network Control Strategy for Modeling Grid-Connected Inverter Stability. <i>IEEE Transactions on Reliability</i> , 2021 , 1-12	4.6	1
135	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
134	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
133	. <i>IEEE Systems Journal</i> , 2020 , 14, 3082-3092	4.3	3
132	. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 5260-5272	10.7	24
131	Stability Analysis of Time-Varying Delay Bilateral Teleoperation System with State Prediction 2020 ,		2

130	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
129	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
128	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
127	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
126	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
125	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
124	Consumers preference based optimal price determination model for P2P energy trading. <i>Electric Power Systems Research</i> , 2020 , 187, 106488	3.5	8
123	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
122	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
121	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
120	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
119	An approach for sustainable energy planning towards 100 % electrification of Nigeria by 2030. <i>Energy</i> , 2020 , 197, 117172	7.9	24
118	Blockchain Enabled Distributed Demand Side Management in Community Energy System With Smart Homes. <i>IEEE Access</i> , 2020 , 8, 37428-37439	3.5	61
117	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
116	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
115	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
114	Optimizing the layout of onshore wind farms to minimize noise. <i>Applied Energy</i> , 2020 , 267, 114896	10.7	17
113	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

112	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
111	Cost-effective Energy Management System in Prosumer based Electricity Market 2020 ,		2
110	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
109	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
108	Deep Reinforcement Learning-based Approach for Online Tuning SMES Damping Controller Parameters 2020 ,		2
107	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
106	China CO emission accounts 2016-2017. <i>Scientific Data</i> , 2020 , 7, 54	8.2	160
105	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
104	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
103	Bidding strategy for trading wind energy and purchasing reserve of wind power producer via DRL based approach. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 117, 105648	5.1	21
102	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
101	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
100	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
99	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
98	Active power dispatch optimization for offshore wind farms considering fatigue distribution. <i>Renewable Energy</i> , 2020 , 151, 1173-1185	8.1	10
97	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
96	Assessment of spatial-temporal characteristics for disturbance propagation with combined FOPDT and Padé Approximant in large-scale power system. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 123, 106334	5.1	
95	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

94	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
93	Robust chance-constrained gas management for a standalone gas supply system based on wind energy. <i>Energy</i> , 2020 , 212, 118723	7.9	2
92	Energy, exergy and environmental analyses of a biomass driven multi-generation system. <i>International Journal of Exergy</i> , 2020 , 31, 249	1.2	4
91	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
90	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
89	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
88	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 ¹⁷	6.7	17
87	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
86	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
85	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
84	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
83	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
82	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
81	Optimized Placement of Onshore Wind Farms Considering Topography. <i>Energies</i> , 2019 , 12, 2944	3.1	10
80	A Hybrid Cable Connection Structure for Wind Farms With Reliability Consideration. <i>IEEE Access</i> , 2019 , 7, 144398-144407	3.5	2
79	Risk Implemented Simultaneous Game-Theoretic Approach for Energy Trading in Residential Microgrids. <i>Energy Procedia</i> , 2019 , 158, 6679-6686	2.3	7
78	Two-Stages Bidding Strategies for Residential Microgrids Based Peer-to-Peer Energy Trading 2019 ,		7
77	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

76	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
75	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
74	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
73	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
72	An Imbalance Fault Detection Algorithm for Variable-Speed Wind Turbines: A Deep Learning Approach. <i>Energies</i> , 2019 , 12, 2764	3.1	16
71	Optimal Investment Strategies for Solar Energy Based Systems. <i>Energies</i> , 2019 , 12, 2826	3.1	4
70	State of the Art Magnetoresistance Based Magnetic Field Measurement Technologies 2019 , 25-51		2
69	Magnetic Field Measurement for Power Transmission Systems 2019 , 53-142		
68	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
67	Future Vision 2019 , 285-294		
66	Shapley Value based Customers Voluntary Demand Response Program: A Stackelberg Game Approach 2019 ,		1
65	Innovative Magnetic Field Measurement for Power Generation Systems 2019 , 265-283		
64	Blockchain Based Domestic Appliances Scheduling in Community Microgrids 2019 ,		2
63	Magnetic Field Measurement for Power Distribution Systems 2019 , 219-263		
62	Magnetic Field Measurement for Modern Substations 2019 , 143-218		
61	A frequency control strategy of electric vehicles in microgrid using virtual synchronous generator control. <i>Energy</i> , 2019 , 189, 116389	7.9	29
60	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
59	Analysis on Oscillation Propagation Characteristics based on Impedance Model 2019 ,		2

58	Imprecise Reliability Analysis for the Robotic Component Based on Limited Lifetime Data. <i>IEEE Access</i> , 2019 , 7, 163877-163886	3.5	0
57	Performance Analyses of a Renewable Energy Powered System for Trigeration. <i>Sustainability</i> , 2019 , 11, 6006	3.6	10
56	Approach to Enhance the Robustness on PMU based Power System Dynamic Equivalent Modeling 2019 ,		1
55	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
54	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
53	Strategy for wind power plant contribution to frequency control under variable wind speed. <i>Renewable Energy</i> , 2019 , 130, 1226-1236	8.1	30
52	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
51	. <i>IEEE Access</i> , 2018 , 6, 16515-16522	3.5	4
50	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
49	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
48	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
47	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
46	Blockchain Technology Hyperledger Framework in the Internet of Energy. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 168, 012043	0.3	6
45	. <i>IEEE Transactions on Power Delivery</i> , 2018 , 33, 158-168	4.3	16
44	Reduced-temperature redox-stable LSM as a novel symmetrical electrode material for SOFCs. <i>Electrochimica Acta</i> , 2018 , 260, 121-128	6.7	29
43	A Novel Adaptive Filter for Accurate Measurement of Current with Magnetic Sensor Array 2018 ,		1
42	Performance Analysis Of Parallel Inverter Based On Virtual Oscillator Control 2018 ,		1
41	Design and Application of Big Data Platform Architecture for Typical Scenarios of Power System 2018 ,		3

40	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
39	Analysis on Dynamic Response of LCC-VSC Hybrid HVDC System with AC/DC Faults 2018 ,		2
38	Separated Double-Layer Magnetic Shielding With Magnetic Sensor For Large Current Measurement 2018 ,		1
37	New characteristics of weighted GDOP in multi-GNSS positioning. <i>GPS Solutions</i> , 2018 , 22, 1	4.4	9
36	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
35	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
34	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
33	Blockchain technology for electricity market in microgrid 2017 ,		12
32	Scheduling optimization of microgrid considering electric vehicles 2017 ,		1
31	A practical preset position calibration technique for unattended smart substation security improvement 2017 ,		1
30	GDOP minimum in multi-GNSS positioning. <i>Advances in Space Research</i> , 2017 , 60, 1400-1403	2.4	6
29	Monitoring of Overhead Transmission Lines: A Review from the Perspective of Contactless Technologies. <i>Sensing and Imaging</i> , 2017 , 18, 1	1.4	16
28	Efficient energy resource scheduling for sustainable diversified farming. <i>Journal of Renewable and Sustainable Energy</i> , 2017 , 9, 044902	2.5	2
27	Smart Substation: State of the Art and Future Development. <i>IEEE Transactions on Power Delivery</i> , 2017 , 32, 1098-1105	4.3	33
26	Optimal operation and location of heat pumps in the integrated energy systems 2017 ,		4
25	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
24	A coordinated charging strategy for electric vehicles based on multi-objective optimization 2017 ,		6
23	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

22	Smart Substation: State of the Art and Future Development. <i>IEEE Transactions on Power Delivery</i> , 2016 , 1-1	4.3	
21	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
20	Delay-Dependent Stability Control for Power System With Multiple Time-Delays. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 2316-2326	7	78
19	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
18	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
17	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
16	A wind turbine control method based on Jensen model 2016 ,		1
15	A method for state estimation of distribution network based on the classification of distribution transformer load 2016 ,		1
14	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
13	Characteristic estimation of high voltage transmission line conductors with simultaneous magnetic field and current measurements 2016 ,		13
12	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
11	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
10	Passivity and Absolute Stability Analyses of Trilateral Haptic Collaborative Systems. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015 , 78, 3-20	2.9	13
9	2015 ,		11
8	A calibration method of the zero-drift for testing system of electronic transformer characteristics 2015 ,		1
7	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
6	Study on an improved Normal Form solution and reduced-order mode reconstruction in power system 2015 ,		1
5	Magnetics in Smart Grid. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-7	2	17

4	. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 1715-1722	4-3	16
3	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
2	The adequacy model and analysis of swapping battery requirement for electric vehicles 2012 ,		1
1	Load Elasticity-Based Reallocation of Energy in a Peer-to-Peer Electricity Market Considering Consumers' Willingness		