

Jun Yi

List of Publications by Year in Descending Order

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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.

80
papers

622
citations

14
h-index

21
g-index

123
ext. papers

953
ext. citations

3.6
avg, IF

4.67
L-index

#	Paper	IF	Citations
80	Adaptive Frequency Control Strategy for PMSG-Based Wind Power Plant Considering Releasable Reserve Power. <i>Sustainability</i> , 2022 , 14, 1247	3.6	1
79	Multi-Agent Deep Reinforcement Learning for Coordinated Energy Trading and Flexibility Services Provision in Local Electricity Markets. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	0
78	A Method for Evaluating the Maximum Capacity of Grid-Connected Wind Farms Considering Multiple Stability Constraints. <i>Electronics (Switzerland)</i> , 2022 , 11, 509	2.6	
77	A two-stage deep transfer learning for localisation of forced oscillations disturbance source. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 135, 107577	5.1	1
76	A GAN Based Data Injection Attack Method on Data-Driven Strategies in Power Systems. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1	10.7	0
75	Physical-data Fusion Modeling Method for Energy Consumption Analysis of Smart Building. <i>Journal of Modern Power Systems and Clean Energy</i> , 2022 , 10, 482-491	4	1
74	Architecture and function analysis of integrated energy service stations considering cyber-physical integration. <i>Energy Conversion and Economics</i> , 2021 , 2, 186	0.7	2
73	Research on Multi-Timescale Coordinated Method for Source-Grid-Load with Uncertain Renewable Energy Considering Demand Response. <i>Sustainability</i> , 2021 , 13, 3400	3.6	2
72	Optimal Dispatching of Power System by Introducing Concentrating Solar Power Station to Promote Large-scale Wind Power and Photovoltaic Accommodation. <i>Recent Advances in Electrical and Electronic Engineering</i> , 2021 , 14, 484-492	0.3	
71	. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 1615-1625	10.7	1
70	Methods of cyber-attack identification for power systems based on bilateral cyber-physical information. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 125, 106515	5.1	6
69	A Scalable Privacy-Preserving Multi-agent Deep Reinforcement Learning Approach for Large-Scale Peer-to-Peer Transactive Energy Trading. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	8
68	An Estimation and Correction Combined Method for HVDC Model Parameters Identification. <i>IEEE Access</i> , 2021 , 9, 51020-51028	3.5	
67	Current order-based emergency control strategy for subsequent commutation failure elimination in HVDC. <i>International Transactions on Electrical Energy Systems</i> , 2021 , 31, e13026	2.2	1
66	Real-Time Autonomous Residential Demand Response Management Based on Twin Delayed Deep Deterministic Policy Gradient Learning. <i>Energies</i> , 2021 , 14, 531	3.1	9
65	An Integrated Model-Driven and Data-Driven Method for On-Line Prediction of Transient Stability of Power System With Wind Power Generation. <i>IEEE Access</i> , 2020 , 8, 83472-83482	3.5	7
64	Analysis of the Impact of Combined Information-Physical-Failure on Distribution Network CPS. <i>IEEE Access</i> , 2020 , 8, 44140-44152	3.5	3

63	Clustered Hybrid Wind Power Prediction Model Based on ARMA, PSO-SVM, and Clustering Methods. <i>IEEE Access</i> , 2020 , 8, 17071-17079	3.5	33
62	Subsequent Commutation Failure Prediction of HVDC by Integrating Physical-driven and Model-driven Methods 2020 ,		1
61	Design of a Cosimulation Platform With Hardware-in-the-Loop for Cyber-Attacks on Cyber-Physical Power Systems. <i>IEEE Access</i> , 2020 , 8, 95997-96005	3.5	8
60	Complex Fault Source Identification Method for High-Voltage Trip-Offs of Wind Farms Based on SU-MRMR and PSO-SVM. <i>IEEE Access</i> , 2020 , 8, 130379-130391	3.5	4
59	Capacity Planning of Distributed Wind Power Based on a Variable-Structure Copula Involving Energy Storage Systems. <i>Energies</i> , 2020 , 13, 3602	3.1	2
58	Two-stage voltage control strategy for PV plants based on variable droop control. <i>International Journal of Electronics</i> , 2020 , 107, 250-271	1.2	1
57	Optimal configuration of distributed power flow controller to enhance system loadability via mixed integer linear programming. <i>Journal of Modern Power Systems and Clean Energy</i> , 2019 , 7, 1484-1494	4	5
56	An Extended SFR Model With High Penetration Wind Power Considering Operating Regions and Wind Speed Disturbance. <i>IEEE Access</i> , 2019 , 7, 103416-103426	3.5	5
55	An Accurate Forced Oscillation Location and Participation Assessment Method for DFIG Wind Turbine. <i>IEEE Access</i> , 2019 , 7, 130505-130514	3.5	4
54	A data-driven approach for online aggregated load modeling through intelligent terminals. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771982599	1.7	1
53	Integrating Model-Driven and Data-Driven Methods for Power System Frequency Stability Assessment and Control. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 4557-4568	7	46
52	An Ordered Curtailment Strategy for Offshore Wind Power Under Extreme Weather Conditions Considering the Resilience of the Grid. <i>IEEE Access</i> , 2019 , 7, 54824-54833	3.5	15
51	Data inheritance-based updating method and its application in transient frequency prediction for a power system. <i>International Transactions on Electrical Energy Systems</i> , 2019 , 29, e12022	2.2	9
50	Adaptive Gains Control Scheme for PMSG-Based Wind Power Plant to Provide Voltage Regulation Service. <i>Energies</i> , 2019 , 12, 753	3.1	5
49	Security Assessment for Cyber Physical Distribution Power System Under Intrusion Attacks. <i>IEEE Access</i> , 2019 , 7, 75615-75628	3.5	19
48	Early Warning Method of Transmission Tower Considering Plastic Fatigue Damage Under Typhoon Weather. <i>IEEE Access</i> , 2019 , 7, 63983-63991	3.5	5
47	Commutation Failure Prediction Method Considering Commutation Voltage Distortion and DC Current Variation. <i>IEEE Access</i> , 2019 , 7, 96531-96539	3.5	19
46	Coordinated Defense of Distributed Denial of Service Attacks against the Multi-Area Load Frequency Control Services. <i>Energies</i> , 2019 , 12, 2493	3.1	5

45	Identification of Low Frequency Oscillations Based on Multidimensional Features and Relief-mRMR. <i>Energies</i> , 2019 , 12, 2762	3.1	3
44	PMSG-Based Black-Start Technology and Its Field Tests. <i>Energies</i> , 2019 , 12, 2144	3.1	0
43	. <i>IEEE Access</i> , 2019 , 7, 139548-139559	3.5	4
42	A Multi-Communication-Based Demand Response Implementation Structure and Control Strategy. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3218	2.6	3
41	Fast method to estimate Maximum penetration level of wind power considering frequency cumulative effect. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 1726-1733	2.5	7
40	Mitigation Strategy for Duck Curve in High Photovoltaic Penetration Power System Using Concentrating Solar Power Station. <i>Energies</i> , 2019 , 12, 3521	3.1	15
39	Review of Cyber-attacks and Defense Research on Cyber Physical Power System 2019 ,		4
38	A Demand Response Strategy in High Photovoltaic Penetration Power Systems Considering the Thermal Ramp Rate Limitation. <i>IEEE Access</i> , 2019 , 7, 163814-163822	3.5	1
37	An optimization method of UFLS/UVLS considering the interaction of system state information. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2019 , 14, 37-46	1	
36	Robust Online Estimation of Power System Center of Inertia Frequency. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 821-825	7	24
35	PMU Measurement-Based Intelligent Strategy for Power System Controlled Islanding. <i>Energies</i> , 2018 , 11, 143	3.1	4
34	Game-theoretic energy management with storage capacity optimization in the smart grids. <i>Journal of Modern Power Systems and Clean Energy</i> , 2018 , 6, 656-667	4	15
33	Frequency prediction method considering demand response aggregate characteristics and control effects. <i>Applied Energy</i> , 2018 , 229, 936-944	10.7	9
32	Demand-Side Management With Household Plug-In Electric Vehicles: A Bayesian Game-Theoretic Approach. <i>IEEE Systems Journal</i> , 2018 , 12, 2894-2904	4.3	24
31	A Malicious Attack Modeling Method for Source-Grid-Load System Based on Petri Net 2018 ,		1
30	The Real-Time Co-Simulation Platform with Hardware-in-Loop for Cyber-Attack in Smart Grid 2018 ,		2
29	Hybrid method for power system transient stability prediction based on two-stage computing resources. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 1697-1703	2.5	23
28	Non-cooperative and cooperative optimisation of battery energy storage system for energy management in multi-microgrid. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 2369-2377	2.5	30

27	A Hardware-in-the-Loop Based Co-Simulation Platform of Cyber-Physical Power Systems for Wide Area Protection Applications. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1279	2.6	12
26	Frequency Control Strategy for Black Starts via PMSG-Based Wind Power Generation. <i>Energies</i> , 2017 , 10, 358	3.1	12
25	Architecture and Application of Real-time Co-simulation Platform for Cyber-physical Power System 2017 ,		2
24	The reactive power voltage control strategy of PV systems in low-voltage string lines 2017 ,		2
23	Black start technology for local power grid via PMSG-based wind power generation 2017 ,		1
22	The research on cyber-attack testbed with hardware-in-loop 2017 ,		4
21	Prediction Model of the Power System Frequency Using a Cross-Entropy Ensemble Algorithm. <i>Entropy</i> , 2017 , 19, 552	2.8	6
20	A Bi-Level Coordinated Optimization Strategy for Smart Appliances Considering Online Demand Response Potential. <i>Energies</i> , 2017 , 10, 525	3.1	14
19	A Game Theoretical Approach Based Bidding Strategy Optimization for Power Producers in Power Markets with Renewable Electricity. <i>Energies</i> , 2017 , 10, 627	3.1	10
18	An Outage Risk Oriented Dynamic Distribution Network Reconfiguration Methodology Considering the Effects of Weather Conditions on Power Line Failure Rate. <i>Electric Power Components and Systems</i> , 2016 , 44, 2224-2236	1	5
17	Analysis on voltage stability of hybrid system with UHVDC hierarchical connection to AC grid 2016 ,		2
16	Framework for vulnerability assessment of communication systems for electric power grids. <i>IET Generation, Transmission and Distribution</i> , 2016 , 10, 477-486	2.5	32
15	Coordinated Scheme of Under-Frequency Load Shedding with Intelligent Appliances in a Cyber Physical Power System. <i>Energies</i> , 2016 , 9, 630	3.1	7
14	A framework of theoretical research on load control in grid cyber physical system 2016 ,		2
13	Bayesian game-theoretic energy management for residential users in smart grid 2016 ,		4
12	A hierarchical charging strategy for electric vehicles considering the users habits and intentions 2015 ,		2
11	Frequency control strategy for wind-thermal-bundled power system with HVDC line 2015 ,		3
10	Simplified voltage control of paralleling doubly fed induction generators connected to the network using SVC. <i>International Transactions on Electrical Energy Systems</i> , 2015 , 25, 2847-2864	2.2	4

9	Autonomous Household Energy Management Based on a Double Cooperative Game Approach in the Smart Grid. <i>Energies</i> , 2015 , 8, 7326-7343	3.1	22
8	Power Transmission Scheduling for Generators in a Deregulated Environment Based on a Game-Theoretic Approach. <i>Energies</i> , 2015 , 8, 13879-13893	3.1	3
7	Reactive power and voltage emergency control strategy of large-scale grid-connected wind farm 2014 ,		1
6	A distributed control method for power system rotor angle stability based on second-order consensus 2014 ,		2
5	Frequency inconsistency in DFIG-based wind farm during outgoing transmission line faults and its effect on longitudinal differential protection 2014 ,		6
4	Differential Protection for an Outgoing Transformer of Large-Scale Doubly Fed Induction Generator-Based Wind Farms. <i>Energies</i> , 2014 , 7, 5566-5585	3.1	9
3	Game-Theoretic Energy Management for Residential Users with Dischargeable Plug-in Electric Vehicles. <i>Energies</i> , 2014 , 7, 7499-7518	3.1	48
2	A combination forecast method based on cross entropy theory for wind power and application in power control. <i>Transactions of the Institute of Measurement and Control</i> , 2014 , 36, 891-897	1.8	3
1	Inverse kinematics and workspace analysis of a bio-inspired flexible parallel robot 2013 ,		2