Jun Yi

List of Publications by Citations

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	Game-Theoretic Energy Management for Residential Users with Dischargeable Plug-in Electric Vehicles. *Energies*, **2014**, 7, 7499-7518	3.1	48
79	Integrating Model-Driven and Data-Driven Methods for Power System Frequency Stability Assessment and Control. *IEEE Transactions on Power Systems*, **2019**, 34, 4557-4568	7	46
78	Clustered Hybrid Wind Power Prediction Model Based on ARMA, PSO-SVM, and Clustering Methods. *IEEE Access*, **2020**, 8, 17071-17079	3.5	33
77	Framework for vulnerability assessment of communication systems for electric power grids. *IET Generation, Transmission and Distribution*, **2016**, 10, 477-486	2.5	32
76	Non-cooperative and cooperative optimisation of battery energy storage system for energy management in multi-microgrid. *IET Generation, Transmission and Distribution*, **2018**, 12, 2369-2377	2.5	30
75	Robust Online Estimation of Power System Center of Inertia Frequency. *IEEE Transactions on Power Systems*, **2019**, 34, 821-825	7	24
74	Demand-Side Management With Household Plug-In Electric Vehicles: A Bayesian Game-Theoretic Approach. *IEEE Systems Journal*, **2018**, 12, 2894-2904	4.3	24
73	Hybrid method for power system transient stability prediction based on two-stage computing resources. *IET Generation, Transmission and Distribution*, **2018**, 12, 1697-1703	2.5	23
72	Autonomous Household Energy Management Based on a Double Cooperative Game Approach in the Smart Grid. *Energies*, **2015**, 8, 7326-7343	3.1	22
71	Security Assessment for Cyber Physical Distribution Power System Under Intrusion Attacks. *IEEE Access*, **2019**, 7, 75615-75628	3.5	19
70	Commutation Failure Prediction Method Considering Commutation Voltage Distortion and DC Current Variation. *IEEE Access*, **2019**, 7, 96531-96539	3.5	19
69	An Ordered Curtailment Strategy for Offshore Wind Power Under Extreme Weather Conditions Considering the Resilience of the Grid. *IEEE Access*, **2019**, 7, 54824-54833	3.5	15
68	Game-theoretic energy management with storage capacity optimization in the smart grids. *Journal of Modern Power Systems and Clean Energy*, **2018**, 6, 656-667	4	15
67	Mitigation Strategy for Duck Curve in High Photovoltaic Penetration Power System Using Concentrating Solar Power Station. *Energies*, **2019**, 12, 3521	3.1	15
66	A Bi-Level Coordinated Optimization Strategy for Smart Appliances Considering Online Demand Response Potential. *Energies*, **2017**, 10, 525	3.1	14
65	A Hardware-in-the-Loop Based Co-Simulation Platform of Cyber-Physical Power Systems for Wide Area Protection Applications. *Applied Sciences (Switzerland)*, **2017**, 7, 1279	2.6	12
64	Frequency Control Strategy for Black Starts via PMSG-Based Wind Power Generation. *Energies*, **2017**, 10, 358	3.1	12

63	A Game Theoretical Approach Based Bidding Strategy Optimization for Power Producers in Power Markets with Renewable Electricity. *Energies*, **2017**, 10, 627	3.1	10
62	Data inheritance-based updating method and its application in transient frequency prediction for a power system. *International Transactions on Electrical Energy Systems*, **2019**, 29, e12022	2.2	9
61	Frequency prediction method considering demand response aggregate characteristics and control effects. *Applied Energy*, **2018**, 229, 936-944	10.7	9
60	Differential Protection for an Outgoing Transformer of Large-Scale Doubly Fed Induction Generator-Based Wind Farms. *Energies*, **2014**, 7, 5566-5585	3.1	9
59	Real-Time Autonomous Residential Demand Response Management Based on Twin Delayed Deep Deterministic Policy Gradient Learning. *Energies*, **2021**, 14, 531	3.1	9
58	Design of a Cosimulation Platform With Hardware-in-the-Loop for Cyber-Attacks on Cyber-Physical Power Systems. *IEEE Access*, **2020**, 8, 95997-96005	3.5	8
57	A Scalable Privacy-Preserving Multi-agent Deep Reinforcement Learning Approach for Large-Scale Peer-to-Peer Transactive Energy Trading. *IEEE Transactions on Smart Grid*, **2021**, 1-1	10.7	8
56	An Integrated Model-Driven and Data-Driven Method for On-Line Prediction of Transient Stability of Power System With Wind Power Generation. *IEEE Access*, **2020**, 8, 83472-83482	3.5	7
55	Fast method to estimate Maximum penetration level of wind power considering frequency cumulative effect. *IET Generation, Transmission and Distribution*, **2019**, 13, 1726-1733	2.5	7
54	Coordinated Scheme of Under-Frequency Load Shedding with Intelligent Appliances in a Cyber Physical Power System. *Energies*, **2016**, 9, 630	3.1	7
53	Frequency inconsistency in DFIG-based wind farm during outgoing transmission line faults and its effect on longitudinal differential protection **2014**,		6
52	Prediction Model of the Power System Frequency Using a Cross-Entropy Ensemble Algorithm. *Entropy*, **2017**, 19, 552	2.8	6
51	Methods of cyber-attack identification for power systems based on bilateral cyber-physical information. *International Journal of Electrical Power and Energy Systems*, **2021**, 125, 106515	5.1	6
50	Optimal configuration of distributed power flow controller to enhance system loadability via mixed integer linear programming. *Journal of Modern Power Systems and Clean Energy*, **2019**, 7, 1484-1494	4	5
49	An Extended SFR Model With High Penetration Wind Power Considering Operating Regions and Wind Speed Disturbance. *IEEE Access*, **2019**, 7, 103416-103426	3.5	5
48	Adaptive Gains Control Scheme for PMSG-Based Wind Power Plant to Provide Voltage Regulation Service. *Energies*, **2019**, 12, 753	3.1	5
47	An Outage Risk Oriented Dynamic Distribution Network Reconfiguration Methodology Considering the Effects of Weather Conditions on Power Line Failure Rate. *Electric Power Components and Systems*, **2016**, 44, 2224-2236	1	5
46	Early Warning Method of Transmission Tower Considering Plastic Fatigue Damage Under Typhoon Weather. *IEEE Access*, **2019**, 7, 63983-63991	3.5	5

45	Coordinated Defense of Distributed Denial of Service Attacks against the Multi-Area Load Frequency Control Services. *Energies*, **2019**, 12, 2493	3.1	5
44	An Accurate Forced Oscillation Location and Participation Assessment Method for DFIG Wind Turbine. *IEEE Access*, **2019**, 7, 130505-130514	3.5	4
43	Simplified voltage control of paralleling doubly fed induction generators connected to the network using SVC. *International Transactions on Electrical Energy Systems*, **2015**, 25, 2847-2864	2.2	4
42	PMU Measurement-Based Intelligent Strategy for Power System Controlled Islanding. *Energies*, **2018**, 11, 143	3.1	4
41	. *IEEE Access*, **2019**, 7, 139548-139559	3.5	4
40	The research on cyber-attack testbed with hardware-in-loop **2017**,		4
39	Complex Fault Source Identification Method for High-Voltage Trip-Offs of Wind Farms Based on SU-MRMR and PSO-SVM. *IEEE Access*, **2020**, 8, 130379-130391	3.5	4
38	Bayesian game-theoretic energy management for residential users in smart grid **2016**,		4
37	Review of Cyber-attacks and Defense Research on Cyber Physical Power System **2019**,		4
36	Frequency control strategy for wind-thermal-bundled power system with HVDC line **2015**,		3
35	Analysis of the Impact of Combined Information-Physical-Failure on Distribution Network CPS. *IEEE Access*, **2020**, 8, 44140-44152	3.5	3
34	Identification of Low Frequency Oscillations Based on Multidimensional Features and ReliefF-mRMR. *Energies*, **2019**, 12, 2762	3.1	3
33	A Multi-Communication-Based Demand Response Implementation Structure and Control Strategy. *Applied Sciences (Switzerland)*, **2019**, 9, 3218	2.6	3
32	Power Transmission Scheduling for Generators in a Deregulated Environment Based on a Game-Theoretic Approach. *Energies*, **2015**, 8, 13879-13893	3.1	3
31	A combination forecast method based on cross entropy theory for wind power and application in power control. *Transactions of the Institute of Measurement and Control*, **2014**, 36, 891-897	1.8	3
30	A hierarchical charging strategy for electric vehicles considering the usersbhabits and intentions **2015**,		2
29	Architecture and Application of Real-time Co-simulation Platform for Cyber-physical Power System **2017**,		2
28	Analysis on voltage stability of hybrid system with UHVDC hierarchical connection to AC grid **2016**,		2

27	A distributed control method for power system rotor angle stability based on second-order consensus **2014**,		2
26	Inverse kinematics and workspace analysis of a bio-inspired flexible parallel robot **2013**,		2
25	The reactive power voltage control strategy of PV systems in low-voltage string lines **2017**,		2
24	Architecture and function analysis of integrated energy service stations considering cyber-physical integration. *Energy Conversion and Economics*, **2021**, 2, 186	0.7	2
23	Capacity Planning of Distributed Wind Power Based on a Variable-Structure Copula Involving Energy Storage Systems. *Energies*, **2020**, 13, 3602	3.1	2
22	Research on Multi-Timescale Coordinated Method for Source-Grid-Load with Uncertain Renewable Energy Considering Demand Response. *Sustainability*, **2021**, 13, 3400	3.6	2
21	A framework of theoretical research on load control in grid cyber physical system **2016**,		2
20	The Real-Time Co-Simulation Platform with Hardware-in-Loop for Cyber-Attack in Smart Grid **2018**,		2
19	A data-driven approach for online aggregated load modeling through intelligent terminals. *International Journal of Distributed Sensor Networks*, **2019**, 15, 155014771982599	1.7	1
18	Reactive power and voltage emergency control strategy of large-scale grid-connected wind farm **2014**,		1
17	Black start technology for local power grid via PMSG-based wind power generation **2017**,		1
16	Adaptive Frequency Control Strategy for PMSG-Based Wind Power Plant Considering Releasable Reserve Power. *Sustainability*, **2022**, 14, 1247	3.6	1
15	Subsequent Commutation Failure Prediction of HVDC by Integrating Physical-driven and Model-driven Methods **2020**,		1
14	A Demand Response Strategy in High Photovoltaic Penetration Power Systems Considering the Thermal Ramp Rate Limitation. *IEEE Access*, **2019**, 7, 163814-163822	3.5	1
13	Two-stage voltage control strategy for PV plants based on variable droop control. *International Journal of Electronics*, **2020**, 107, 250-271	1.2	1
12	. *IEEE Transactions on Smart Grid*, **2021**, 12, 1615-1625	10.7	1
11	A Malicious Attack Modeling Method for Source-Grid-Load System Based on Petri Net **2018**,		1
10	Current order-based emergency control strategy for subsequent commutation failure elimination in HVDC. *International Transactions on Electrical Energy Systems*, **2021**, 31, e13026	2.2	1

9	A two-stage deep transfer learning for localisation of forced oscillations disturbance source. *International Journal of Electrical Power and Energy Systems*, **2022**, 135, 107577	5.1	1
8	Physical-data Fusion Modeling Method for Energy Consumption Analysis of Smart Building. *Journal of Modern Power Systems and Clean Energy*, **2022**, 10, 482-491	4	1
7	PMSG-Based Black-Start Technology and Its Field Tests. *Energies*, **2019**, 12, 2144	3.1	0
6	Multi-Agent Deep Reinforcement Learning for Coordinated Energy Trading and Flexibility Services Provision in Local Electricity Markets. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	0
5	A GAN Based Data Injection Attack Method on Data-Driven Strategies in Power Systems. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	0
4	A Method for Evaluating the Maximum Capacity of Grid-Connected Wind Farms Considering Multiple Stability Constraints. *Electronics (Switzerland)*, **2022**, 11, 509	2.6	
3	Optimal Dispatching of Power System by Introducing Concentrating Solar Power Station to Promote Large-scale Wind Power and Photovoltaic Accommodation. *Recent Advances in Electrical and Electronic Engineering*, **2021**, 14, 484-492	0.3	
2	An optimization method of UFLS/UVLS considering the interaction of system state information. *IEEJ Transactions on Electrical and Electronic Engineering*, **2019**, 14, 37-46	1	
1	An Estimation and Correction Combined Method for HVDC Model Parameters Identification. *IEEE Access*, **2021**, 9, 51020-51028	3.5	