

# Jinquan Zhao

## List of Publications by Year in descending order

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42  
papers

313  
citations

1163117

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h-index

1474206

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g-index

42  
all docs

42  
docs citations

42  
times ranked

353  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Distributed Power Control of Series-Connected Module-Integrated Inverters for PV Grid-Tied Applications. IEEE Transactions on Power Electronics, 2018, 33, 7698-7707.	7.9	59
2	Parallel Operation of Modular Single-Phase Transformerless Grid-Tied PV Inverters With Common DC Bus and AC Bus. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2015, 3, 858-869.	5.4	51
3	Evaluation of Energy Production and Energy Yield Assessment Based on Feasibility, Design, and Execution of 3â€‰%—â€‰%50â€‰%MW Grid-Connected Solar PV Pilot Project in Nooriabad. International Journal of Photoenergy, 2017, 2017, 1-18.		29
4	Disturbance Interaction Analysis and Suppression Strategy of MMC-HVDC Systems Considering Sub-Module Capacitor Voltage Ripples. IEEE Transactions on Power Systems, 2021, 36, 235-247.	6.5	28
5	A Distributed Black-Start Optimization Method for Global Transmission and Distribution Network. IEEE Transactions on Power Systems, 2021, 36, 4471-4481.	6.5	28
6	Uncertainty Analysis of Energy Production for a 3â€‰%—â€‰%50â€‰%MW AC Photovoltaic Project Based on Solar Resources. International Journal of Photoenergy, 2019, 2019, 1-12.	2.5	18
7	A Decentralized Approach for Frequency Control and Economic Dispatch in Smart Grids. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2017, 7, 447-458.	3.6	15
8	Probabilistic Voltage Stability Assessment Considering Stochastic Load Growth Direction and Renewable Energy Generation. , 2018, , .		10
9	On-Line Voltage Stability Monitoring and Control (VSMC) System in Fujian power grid. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	8
10	A real-time generator-angle prediction method based on the modified grey Verhulst model. , 2011, , .		8
11	Imbalance recovery performance analysis and improvement for MMCâ€‰HVDC systems considering DC current dynamics. IET Generation, Transmission and Distribution, 2020, 14, 2488-2497.	2.5	7
12	Evaluation of methods for measuring the insolvability of power flow. , 2008, , .		5
13	Transient Voltage and Transient Frequency Stability Emergency Coordinated Control Strategy for the Multi-infeed HVDC Power Grid. , 2020, , .		5
14	A Enhanced Contingency Selection Method with respect to Multiple Contingencies for On-line Voltage Stability Assessment. , 2006, , .		4
15	Reactive power optimization considering dynamic reactive power reserves. , 2014, , .		4
16	A new continuation power flow model for simulating time-domain dynamic load restoration. , 2009, , .		3
17	A novel SIME and sensitivity based model and algorithm of transient stability constrained optimal power flow. , 2015, , .		3
18	A hybrid method of lagrangian relaxation and genetic algorithm for solving UC problem. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
19	Real time transient instability detection based on trajectory characteristics and transient energy. , 2012, , .		2
20	A novel bus-type extended Continuation Power Flow considering remote voltage control. , 2013, , .		2
21	Unbalanced three-phase continuation power flow for distribution networks with distributed generation. , 2015, , .		2
22	Optimal charging/discharging scheme of battery storage systems in active distribution network. , 2016, , .		2
23	Three-phase unbalanced voltage/VAR optimization for active distribution networks. , 2016, , .		2
24	Decentralized two-stage control for active power real time dispatch in islanded AC microgrids. , 2017, , .		2
25	Two Stage Deep Peak Regulation Ancillary Service Market Clearing Model Considering Virtual Power Plant. , 2021, , .		2
26	Comparison of methods for the perturbed trajectory prediction based on wide area measurements. , 2011, , .		1
27	Combining Differential Evolution Algorithm with biogeography-based optimization algorithm for reconfiguration of distribution network. , 2012, , .		1
28	A novel day-ahead generation scheduling and spinning reserve determination model for power grid containing wind power. , 2013, , .		1
29	A distributed voltage stability control method for integrated transmission and distribution grids. , 2017, , .		1
30	Power supply capability evaluation for unbalanced three-phase distribution network with distributed generators. , 2017, , .		1
31	Steady-State Voltage Stability Analysis of AC-DC Hybrid Power System with VSC-HVDC. , 2018, , .		1
32	A Distributed Voltage Stability Contingency Screening and Ranking Method for Integrated Transmission and Distribution Networks. , 2019, , .		1
33	Study on Frequency Regulation Ancillary Service Trading Mechanisms for Distributed Photovoltaic. , 2020, , .		1
34	Trajectory Sensitivity Based Voltage Stability Constrained Reactive Optimal Power Flow in Sending-End Power System with High Penetration Renewable Energy. , 2020, , .		1
35	Electricity User Consumption Feature Selection and Behavior Portraying. , 2020, , .		1
36	Short-Term Voltage Stability Constrained Two-Stage Dynamic Optimal Reactive Power Flow. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
37	Optimal Procurement of VPP Voltage Regulation Ancillary Service in Distribution Networks with High Penetration of PV. , 2021, , .		1
38	Development and application of a wide area response based power system transient stability detection analysis & simulation software. , 2015, , .		0
39	A Three-stage Contingency Screening and Ranking Method for Voltage Stability Assessment of Large-Scale Power Systems. , 2018, , .		0
40	Optimization of Zone Partitioning for Active Distribution Network Black-Start Based on MILP. , 2019, , .		0
41	A Survey: New Generation Artificial Intelligence and Its Application in Power System Dispatching and Operation. , 2021, , .		0
42	Optimal Configuration of Synchronous Condenser to Suppress High Voltage Tripping of Renewable Energy Generators in DC Sending-End Power System. , 2021, , .		0