

# Jianfeng Dai

## List of Publications by Year in descending order

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24  
papers

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citations

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docs citations

24  
times ranked

200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation Frequency Response Modeling for Wind Power Plants With Primary Frequency Regulation Service. IEEE Access, 2019, 7, 108561-108570.	4.2	36
2	Mitigation Strategy for Duck Curve in High Photovoltaic Penetration Power System Using Concentrating Solar Power Station. Energies, 2019, 12, 3521.	3.1	23
3	Uncertainty modeling of wind power frequency regulation potential considering distributed characteristics of forecast errors. Protection and Control of Modern Power Systems, 2021, 6, .	7.5	22
4	Frequency Control Strategy for Black Starts via PMSG-Based Wind Power Generation. Energies, 2017, 10, 358.	3.1	18
5	An Extended SFR Model With High Penetration Wind Power Considering Operating Regions and Wind Speed Disturbance. IEEE Access, 2019, 7, 103416-103426.	4.2	17
6	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.	4.2	15
7	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	12
8	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.	5.4	12
9	Adaptive Gains Control Scheme for PMSG-Based Wind Power Plant to Provide Voltage Regulation Service. Energies, 2019, 12, 753.	3.1	7
10	Evaluation Method of Maximum Wind Penetration Level Considering Static Voltage Stability Constraint. , 2020, , .		5
11	The reactive power voltage control strategy of PV systems in low-voltage string lines. , 2017, , .		4
12	Adaptive Frequency Control Strategy for PMSG-Based Wind Power Plant Considering Releasable Reserve Power. Sustainability, 2022, 14, 1247.	3.2	4
13	An Active Power Coordination Control Strategy for AC/DC Transmission Systems to Mitigate Subsequent Commutation Failures in HVDC Systems. Electronics (Switzerland), 2021, 10, 3044.	3.1	4
14	Reactive Voltage Control Strategy for PMSG-Based Wind Farm Considering Reactive Power Adequacy and Terminal Voltage Balance. Electronics (Switzerland), 2022, 11, 1766.	3.1	4
15	Research on Equivalent Modeling of PMSG-based Wind Farms using Parameter Identification method. , 2020, , .		3
16	A Method for Evaluating the Maximum Capacity of Grid-Connected Wind Farms Considering Multiple Stability Constraints. Electronics (Switzerland), 2022, 11, 509.	3.1	3
17	Black start technology for local power grid via PMSG-based wind power generation. , 2017, , .		2
18	Two-stage voltage control strategy for PV plants based on variable droop control. International Journal of Electronics, 2020, 107, 250-271.	1.4	2

#	ARTICLE	IF	CITATIONS
19	A method to predict transient angle stability of power system with wind power integration. , 2019, , .		1
20	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	1
21	Methods of anomaly state detection for power systems based on bilateral cyber-physical information. IET Generation, Transmission and Distribution, 0, , .	2.5	1
22	Research on Analytical Method of Thevenin Equivalent Parameters for Power System Considering Wind Power. , 2020, , .		0
23	Suppression strategy for continuous commutation failure of DC transmission based on synchronous condenser operation of photovoltaic power station. , 2020, , .		0
24	Research on Optimal Decision-Making of Power Grid Flexible Reserve under New Situation. , 2020, , .		0