

Jianfeng Dai

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Adaptive Frequency Control Strategy for PMSG-Based Wind Power Plant Considering Releasable Reserve Power. Sustainability, 2022, 14, 1247.	3.2	4
2	A Method for Evaluating the Maximum Capacity of Grid-Connected Wind Farms Considering Multiple Stability Constraints. Electronics (Switzerland), 2022, 11, 509.	3.1	3
3	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
4	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
5	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
6	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
7	Two-stage voltage control strategy for PV plants based on variable droop control. International Journal of Electronics, 2020, 107, 250-271.	1.4	2
8	Research on Analytical Method of Thevenin Equivalent Parameters for Power System Considering Wind Power. , 2020, , .		0
9	Research on Equivalent Modeling of PMSG-based Wind Farms using Parameter Identification method. , 2020, , .		3
10	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
11	Evaluation Method of Maximum Wind Penetration Level Considering Static Voltage Stability Constraint. , 2020, , .		5
12	Suppression strategy for continuous commutation failure of DC transmission based on synchronous condenser operation of photovoltaic power station. , 2020, , .		0
13	Research on Optimal Decision-Making of Power Grid Flexible Reserve under New Situation. , 2020, , .		0
14	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
15	Mitigation Strategy for Duck Curve in High Photovoltaic Penetration Power System Using Concentrating Solar Power Station. Energies, 2019, 12, 3521.	3.1	23
16	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
17	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
18	Aggregation Frequency Response Modeling for Wind Power Plants With Primary Frequency Regulation Service. IEEE Access, 2019, 7, 108561-108570.	4.2	36

#	ARTICLE	IF	CITATIONS
19	Adaptive Gains Control Scheme for PMSG-Based Wind Power Plant to Provide Voltage Regulation Service. <i>Energies</i> , 2019, 12, 753.	3.1	7
20	A method to predict transient angle stability of power system with wind power integration. , 2019, , .		1
21	The reactive power voltage control strategy of PV systems in low-voltage string lines. , 2017, , .		4
22	Black start technology for local power grid via PMSG-based wind power generation. , 2017, , .		2
23	Frequency Control Strategy for Black Starts via PMSG-Based Wind Power Generation. <i>Energies</i> , 2017, 10, 358.	3.1	18
24	Methods of anomaly state detection for power systems based on bilateral cyber-physical information. <i>IET Generation, Transmission and Distribution</i> , 0, , .	2.5	1