

# Hua Ye

## List of Publications by Year in descending order

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28  
papers

343  
citations

1478505

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h-index

1125743

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g-index

28  
all docs

28  
docs citations

28  
times ranked

377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time FPGA-digital twin monitoring and diagnostics for PET applications. , 2021, , .		7
2	Wave Function and Multiscale Modeling of MMC-HVdc System for Wide-Frequency Transient Simulation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5906-5917.	5.4	8
3	Optimal Economic Dispatching Approach for Multiple Flexible Energy Facilities Combined with Coal-fired Power Units in Frequency Regulation Service Based on SDR and Gaussian Randomization. , 2021, , .		0
4	Optimized Economic Dispatching Approach for PEM Electrolyzer Cell Combined with Coal-fired Power Units to Participate in Frequency Regulation Service. , 2021, , .		0
5	Multi-scale transient modelling and simulation for distribution network-interactive CHB multilevel converters. IET Generation, Transmission and Distribution, 2020, 14, 330-338.	2.5	2
6	Multiscale Induction Machine Modeling in the dq0 Domain Including Main Flux Saturation. IEEE Transactions on Energy Conversion, 2019, 34, 652-664.	5.2	11
7	Singular value decomposition-based dynamic response analysis of VSC-MTDC/AC systems for renewable energy integration. Journal of Engineering, 2019, 2019, 893-898.	1.1	0
8	Architecture Design and Evaluation of Hybrid AC/DC Power Grids Based on Power Electronic Transformer. , 2019, , .		0
9	Research on stability margin enhancement for low-voltage multi-terminal DC system based on additional damping control. IET Generation, Transmission and Distribution, 2019, 13, 3464-3475.	2.5	5
10	Dynamic modelling and long-term simulation of ultracapacitor-type ESS integration in power grid. Journal of Engineering, 2019, 2019, 1544-1549.	1.1	1
11	Large signal stability analysis for DC microgrid under droop control based on mixed potential theory. Journal of Engineering, 2019, 2019, 1189-1193.	1.1	16
12	Multi-scale Modeling and Simulation of CHB Multilevel Converter for EMT-RMS Transients Studies. , 2019, , .		0
13	Low-Order Response Modeling for Wind Farm-MTDC Participating in Primary Frequency Controls. IEEE Transactions on Power Systems, 2019, 34, 942-952.	6.5	29
14	Multi-Scale and Frequency-Dependent Modeling of Electric Power Transmission Lines. IEEE Transactions on Power Delivery, 2018, 33, 32-41.	4.3	36
15	Numerical Accuracy Analysis of Multi-scale Transient Simulation in AC-DC Systems. , 2018, , .		0
16	Transient Frequency Response Model-Based Energy Storage Optimum Size in Power Systems. , 2017, , .		5
17	Modeling and simulation of multi-scale transients for PMSC-based wind power systems. Wind Energy, 2017, 20, 1349-1364.	4.2	17
18	Wind power fluctuation mitigation based low-frequency oscillation. Journal of Engineering, 2017, 2017, 1299-1306.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Numerical stability analysis of PMSCâ€¢based wind energy conversion system: a simple example of drive system. Journal of Engineering, 2017, 2017, 955-960.	1.1	4
20	Efficient droop-based primary frequency control from variable-speed wind turbines and energy storage systems. , 2017, , .		9
21	Multi-scale transient modeling and real-time simulation of AC/DC power grid with multi-terminal VSC-HVDC. , 2017, , .		1
22	Improved dynamic phasor-based modeling and simulation of modular multilevel converter. , 2017, , .		1
23	Operation risk assessment of distribution network considering time dependence correlation coefficient. Journal of Engineering, 2017, 2017, 2489-2495.	1.1	5
24	A low-order AC-frequency and DC-voltage response model of HVDC grid connected with wind farms. , 2016, , .		1
25	Analytical Modeling of Inertial and Droop Responses From a Wind Farm for Short-Term Frequency Regulation in Power Systems. IEEE Transactions on Power Systems, 2016, 31, 3414-3423.	6.5	178
26	DQ-domain modeling for multi-scale transients in a synchronous machine. , 2015, , .		0
27	Comparison of three different multi-scale models for transmission lines to simulate diverse transients in power systems. , 2014, , .		0
28	Modeling and evaluation of short-term frequency control for participation of wind farms and energy storage in power systems. , 2014, , .		3