

Jinxin Pei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dynamic Stability Analysis and Improved LVRT Schemes of DFIG-Based Wind Turbines During a Symmetrical Fault in a Weak Grid. IEEE Transactions on Power Electronics, 2020, 35, 303-318.	7.9	86
2	Characteristic Analysis and Risk Assessment for Voltage-Frequency Coupled Transient Instability of Large-Scale Grid-Connected Renewable Energy Plants During LVRT. IEEE Transactions on Industrial Electronics, 2020, 67, 5515-5530.	7.9	48
3	Transient Stability Enhancement Control Strategy Based on Improved PLL for Grid Connected VSC during Severe Grid Fault. IEEE Transactions on Energy Conversion, 2021, 36, 218-229.	5.2	40
4	Analysis and Damping Control of Small-Signal Oscillations for VSC Connected to Weak AC Grid During LVRT. IEEE Transactions on Energy Conversion, 2019, 34, 1667-1676.	5.2	34
5	Improved Continuous Fault Ride Through Control Strategy of DFIG-Based Wind Turbine During Commutation Failure in the LCC-HVDC Transmission System. IEEE Transactions on Power Electronics, 2021, 36, 459-473.	7.9	26
6	Virtual Capacitance Control for Improving Dynamic Stability of the DFIG-Based Wind Turbines During a Symmetrical Fault in a Weak AC Grid. IEEE Transactions on Industrial Electronics, 2021, 68, 333-346.	7.9	23
7	Coupling Mechanism Analysis and Transient Stability Assessment for Multiparalleled Wind Farms During LVRT. IEEE Transactions on Sustainable Energy, 2021, 12, 2132-2145.	8.8	16
8	Complex Impedance-Based Frequency Coupling Characteristics Analysis of DFIG-Based WT During Asymmetric Grid Faults. IEEE Transactions on Industrial Electronics, 2021, 68, 8274-8288.	7.9	10
9	Transient Stability Analysis and Improved Control Strategy for DC-Link Voltage of DFIG-Based WT During LVRT. IEEE Transactions on Energy Conversion, 2022, 37, 880-891.	5.2	10
10	Modelling and Transient Synchronization Stability Analysis for PLL-Based Renewable Energy Generator Considering Sequential Switching Schemes. IEEE Transactions on Power Electronics, 2021, , 1-1.	7.9	8
11	Transient Synchronization Stability Improvement Control Strategy for Grid-Connected VSC Under Symmetrical Grid Fault. IEEE Transactions on Power Electronics, 2022, 37, 4957-4961.	7.9	5
12	Dynamic Stability Analysis of the Weak Grid-Connected DFIG-based Wind Turbines under Severe Symmetrical Faults. , 2018, , .		2