

Yipeng Song

List of Publications by Year in descending order

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383
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent development and future trends of resonance in doubly fed induction generator system under weak grid. IET Renewable Power Generation, 2022, 16, 807-834.	3.1	12
2	Analysis and Mitigation of SSCI in DFIG Systems With Experimental Validation. IEEE Transactions on Energy Conversion, 2020, 35, 714-723.	5.2	36
3	Impact of Phase Locked Loop with Different Types and Control Dynamics on Resonance of DFIG System. Energies, 2020, 13, 1039.	3.1	12
4	Mission Profile Based Reliability Evaluation of Capacitor Banks in Wind Power Converters. IEEE Transactions on Power Electronics, 2019, 34, 4665-4677.	7.9	59
5	Impact of Background Harmonic on Filter Capacitor Reliability in Wind Turbine. , 2019, , .		0
6	Active damping of resonances in DFIG system with cascade converter under weak grid. International Transactions on Electrical Energy Systems, 2019, 29, e12118.	1.9	8
7	Thermal Stress Mapping of Power Semiconductors in H-bridge Test Bench. , 2019, , .		5
8	Sensitivity analysis of the wind farm high frequency resonance under transmission cable resistance variation. , 2018, , .		4
9	Analysis of High-Frequency Resonance in DFIG-Based Offshore Wind Farm via Long Transmission Cable. IEEE Transactions on Energy Conversion, 2018, 33, 1036-1046.	5.2	38
10	Analysis of Middle Frequency Resonance in DFIG System Considering Phase-Locked Loop. IEEE Transactions on Power Electronics, 2018, 33, 343-356.	7.9	52
11	Improving Performance of Three-Phase Slim DC-Link Drives Utilizing Virtual Positive Impedance-Based Active Damping Control. Electronics (Switzerland), 2018, 7, 234.	3.1	2
12	Centralized Control of Modular Multi Rectifier for Motor Drive Applications under Unbalanced Grid. , 2018, , .		0
13	Resonance active damping and PCC voltage quality improvement of DFIG system connected to parallel compensated grid. Chinese Journal of Electrical Engineering, 2018, 4, 33-40.	3.4	1
14	Improved DFIG Control Strategy Under Three-Phase Asymmetrical Grid Faults. , 2018, , .		0
15	High-Frequency Resonance Damping of DFIG-Based Wind Power System Under Weak Network. IEEE Transactions on Power Electronics, 2017, 32, 1927-1940.	7.9	59
16	Impedance-Based High-Frequency Resonance Analysis of DFIG System in Weak Grids. IEEE Transactions on Power Electronics, 2017, 32, 3536-3548.	7.9	72
17	Analysis and Active Damping of Multiple High Frequency Resonances in DFIG System. IEEE Transactions on Energy Conversion, 2017, 32, 369-381.	5.2	36
18	Doubly Fed Induction Generator System Resonance Active Damping Through Stator Virtual Impedance. IEEE Transactions on Industrial Electronics, 2017, 64, 125-137.	7.9	31

#	ARTICLE	IF	CITATIONS
19	High frequency resonance in DFIG-based wind farm with variable power capacity. Chinese Journal of Electrical Engineering, 2017, 3, 52-58.	3.4	4
20	Analysis and comparison of high frequency resonance in small and large scale DFIG system. , 2016, , .		6
21	Impedance based analysis of DFIG stator current unbalance and distortion suppression strategies. , 2016, , .		1
22	Modeling and stress analysis of Doubly-Fed Induction Generator during grid voltage swell. , 2016, , .		3
23	Wide Frequency Band Active Damping Strategy for DFIG System High Frequency Resonance. IEEE Transactions on Energy Conversion, 2016, 31, 1665-1675.	5.2	18