

# Yipeng Song

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Impedance-Based High-Frequency Resonance Analysis of DFIG System in Weak Grids. IEEE Transactions on Power Electronics, 2017, 32, 3536-3548.	7.9	72
2	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
3	Mission Profile Based Reliability Evaluation of Capacitor Banks in Wind Power Converters. IEEE Transactions on Power Electronics, 2019, 34, 4665-4677.	7.9	59
4	Analysis of Middle Frequency Resonance in DFIG System Considering Phase-Locked Loop. IEEE Transactions on Power Electronics, 2018, 33, 343-356.	7.9	52
5	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
6	Analysis and Active Damping of Multiple High Frequency Resonances in DFIG System. IEEE Transactions on Energy Conversion, 2017, 32, 369-381.	5.2	36
7	Analysis and Mitigation of SSCI in DFIG Systems With Experimental Validation. IEEE Transactions on Energy Conversion, 2020, 35, 714-723.	5.2	36
8	Doubly Fed Induction Generator System Resonance Active Damping Through Stator Virtual Impedance. IEEE Transactions on Industrial Electronics, 2017, 64, 125-137.	7.9	31
9	Wide Frequency Band Active Damping Strategy for DFIG System High Frequency Resonance. IEEE Transactions on Energy Conversion, 2016, 31, 1665-1675.	5.2	18
10	Impact of Phase Locked Loop with Different Types and Control Dynamics on Resonance of DFIG System. Energies, 2020, 13, 1039.	3.1	12
11	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
12	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
13	Analysis and comparison of high frequency resonance in small and large scale DFIG system. , 2016, , .		6
14	Thermal Stress Mapping of Power Semiconductors in H-bridge Test Bench. , 2019, , .		5
15	High frequency resonance in DFIG-based wind farm with variable power capacity. Chinese Journal of Electrical Engineering, 2017, 3, 52-58.	3.4	4
16	Sensitivity analysis of the wind farm high frequency resonance under transmission cable resistance variation. , 2018, , .		4
17	Modeling and stress analysis of Doubly-Fed Induction Generator during grid voltage swell. , 2016, , .		3
18	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

#	ARTICLE	IF	CITATIONS
19	Impedance based analysis of DFIG stator current unbalance and distortion suppression strategies. , 2016, , .		1
20	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
21	Centralized Control of Modular Multi Rectifier for Motor Drive Applications under Unbalanced Grid. , 2018, , .		0
22	Improved DFIG Control Strategy Under Three-Phase Asymmetrical Grid Faults. , 2018, , .		0
23	Impact of Background Harmonic on Filter Capacitor Reliability in Wind Turbine. , 2019, , .		0