

Haofeng Bai

List of Publications by Year in descending order

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543
citing authors

#	ARTICLE	IF	CITATIONS
1	VSC Input-Admittance Modeling and Analysis Above the Nyquist Frequency for Passivity-Based Stability Assessment. IEEE Transactions on Industrial Electronics, 2017, 64, 6362-6370.	7.9	143
2	Harmonic Stability Assessment for Multiparalleled, Grid-Connected Inverters. IEEE Transactions on Sustainable Energy, 2016, 7, 1388-1397.	8.8	111
3	Passivity Enhancement of Grid-Tied Converters by Series LC-Filtered Active Damper. IEEE Transactions on Industrial Electronics, 2017, 64, 369-379.	7.9	57
4	Parameters Design and Optimization for LC-Type Off-Grid Inverters With Inductor-Current Feedback Active Damping. IEEE Transactions on Power Electronics, 2018, 33, 703-715.	7.9	55
5	A Grid-Voltage-Sensorless Resistive-Active Power Filter With Series LC-Filter. IEEE Transactions on Power Electronics, 2018, 33, 4429-4440.	7.9	44
6	Harmonic Analysis and Mitigation of Low-Frequency Switching Voltage Source Inverter With Auxiliary VSI. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1355-1365.	5.4	21
7	An Active Trap Filter for Switching Harmonic Attenuation of Low-Pulse-Ratio Inverters. IEEE Transactions on Power Electronics, 2017, 32, 9078-9092.	7.9	14
8	Regional modeling approach for analyzing harmonic stability in radial power electronics based power system. , 2015, , .		13
9	Passivity enhancement of grid-tied converter by series LC-filtered active damper. , 2015, , .		7
10	A series active damper with closed-loop control for stabilizing single-phase power-electronics-based power system. , 2016, , .		5
11	An active trap filter for high-power voltage source converters. , 2015, , .		4
12	Influence of modulation method on using LC-traps with single-phase voltage source inverters. , 2015, , .		3
13	A series-ZC-filtered active trap filter for high power voltage source inverter. , 2016, , .		2
14	Passivity enhancement in RES based power plant with paralleled grid-connected inverters. , 2016, , .		2
15	A grid-voltage-sensorless resistive active power filter with series LC-filter. , 2017, , .		2
16	Passivity enhancement by series LC filtered active damper with zero current reference. , 2016, , .		1