

Sizhan Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

131
citations

2258059

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2550090

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15
docs citations

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173
citing authors

#	ARTICLE	IF	CITATIONS
1	DQ Current Control of Voltage Source Converters With a Decoupling Method Based on Preprocessed Reference Current Feed-forward. IEEE Transactions on Power Electronics, 2017, 32, 8904-8921.	7.9	53
2	An Improved PWM Strategy for Z-Source Inverter With Maximum Boost Capability and Minimum Switching Frequency. IEEE Transactions on Power Electronics, 2018, 33, 606-628.	7.9	30
3	Implementation of Cross-Coupling Terms in Proportional-Resonant Current Control Schemes for Improving Current Tracking Performance. IEEE Transactions on Power Electronics, 2021, 36, 13248-13260.	7.9	13
4	Dual sequence current controller without current sequence decomposition implemented on DSRF for unbalanced grid voltage conditions. , 2014, , .		8
5	Sag detection algorithm for dynamic voltage restorer used in wind farms under unbalanced and distorted grid voltage conditions. , 2013, , .		5
6	Analysis and comparison of resonant-based current controllers implemented in stationary reference frame: A complex pole-zero placement perspective. , 2015, , .		5
7	A series reactor based converter protection scheme of doubly fed induction generator for low voltage ride through. , 2012, , .		4
8	Improved DC-link voltage control of PMSG WECS based on feedback linearization under grid faults. , 2013, , .		4
9	Research on LVRT capability of DFIG with demagnetization control. , 2013, , .		4
10	Effect of decoupling terms on the performance of PR current controllers implemented in stationary reference frame. , 2016, , .		3
11	Feed-forward control for permanent magnet synchronous generator based wind turbine aimed at output power smoothing. , 2013, , .		1
12	More Generalized Resonant Controllers for the Current Regulation of Power Electronics Converters in Stationary Reference Frame. , 2018, , .		1
13	Operation modes analysis and limitation for diode-assisted buck-boost voltage source inverter with small voltage vector. , 2013, , .		0
14	A fully decoupled feed-forward control for low-voltage ride-through of DFIG based wind turbines. , 2014, , .		0
15	LCL resonant current depression control strategy against pulse width modulated harmonic voltage under low switching frequency. Journal of Power Electronics, 2021, 21, 416-426.	1.5	0