

Hong Gong

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

265
citations

1478505

6
h-index

1720034

7
g-index

15
all docs

15
docs citations

15
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability Analysis of Grid-Connected Voltage-Source Converters Using SISO Modeling. IEEE Transactions on Power Electronics, 2019, 34, 8104-8117.	7.9	64
2	DQ-Frame Impedance Measurement of Three-Phase Converters Using Time-Domain MIMO Parametric Identification. IEEE Transactions on Power Electronics, 2021, 36, 2131-2142.	7.9	43
3	SISO Transfer Functions for Stability Analysis of Grid-Connected Voltage-Source Converters. IEEE Transactions on Industry Applications, 2019, 55, 2931-2941.	4.9	42
4	Impact Analysis and Mitigation of Synchronization Dynamics for DQ Impedance Measurement. IEEE Transactions on Power Electronics, 2019, 34, 8797-8807.	7.9	32
5	Rethinking Current Controller Design for PLL-Synchronized VSCs in Weak Grids. IEEE Transactions on Power Electronics, 2021, , 1-1.	7.9	32
6	Loop-at-a-Time Stability Analysis for Grid-Connected Voltage-Source Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5807-5821.	5.4	12
7	Design-Oriented Analysis of Grid-Forming Control with Hybrid Synchronization. , 2022, , .		10
8	Impact of Synchronization Phase Dynamics on DQ Impedance Measurement. , 2018, , .		8
9	Harmonic Transfer-Function Model of Three-Phase Synchronous Reference Frame PLL under Unbalanced Grid Conditions. , 2019, , .		5
10	Parametric Identification of DQ Impedance Model for Three-Phase Voltage-Source Converters. , 2018, , .		4
11	Admittance-Dissipativity Analysis and Shaping of Dual-Sequence Current Control for VSCs. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 324-335.	5.4	4
12	Stability Analysis of Multi-Paralleled VSCs with Mismatched Parameters. , 2019, , .		3
13	Identification of the DQ Impedance Model for Three-Phase Power Converter Considering the Coupling Effect of the Grid Impedance. , 2019, , .		3
14	Impact of Nonlinear Dynamics on Converter DQ Impedance Measurement. , 2019, , .		2
15	Small-Signal Model of STATCOM and Its Model Validation. , 2018, , .		1