

Dong Wang

List of Publications by Year in descending order

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11
papers

560
citations

1307366

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h-index

1281743

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all docs

11
docs citations

11
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Grid-Connected DFIG-Based Wind Turbines for DC-Link Voltage Stability Analysis. IEEE Transactions on Sustainable Energy, 2015, 6, 1325-1336.	5.9	193
2	DC-Bus Voltage Control Stability Affected by AC-Bus Voltage Control in VSCs Connected to Weak AC Grids. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 445-458.	3.7	149
3	Analysis of Modal Resonance Between PLL and DC-Link Voltage Control in Weak-Grid Tied VSCs. IEEE Transactions on Power Systems, 2019, 34, 1127-1138.	4.6	64
4	Modeling and Stability Analysis of DC-Link Voltage Control in Multi-VSCs With Integrated to Weak Grid. IEEE Transactions on Energy Conversion, 2017, 32, 1127-1138.	3.7	51
5	Effect of Control-Loops Interactions on Power Stability Limits of VSC Integrated to AC System. IEEE Transactions on Power Delivery, 2018, 33, 301-310.	2.9	51
6	Impacts of Phase-Locked Loop Dynamic on the Stability of DC-Link Voltage Control in Voltage Source Converter Integrated to Weak Grid. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2022, 12, 48-58.	2.7	21
7	Analysis of Low-Frequency Stability in Grid-Tied DFIGs by Nonminimum Phase Zero Identification. IEEE Transactions on Energy Conversion, 2018, 33, 716-729.	3.7	15
8	Comparative analysis of stability limitations in weak grid-connected synchronous generator, VSC, and DFIG systems considering the power flow control dynamics. IET Renewable Power Generation, 2019, 13, 94-102.	1.7	7
9	Modeling and Stability Analysis of Weak-Grid Tied Multi-DFIGs in DC-Link Voltage Control Timescale. Energies, 2022, 13, 3689.	1.6	4
10	Grid-Synchronization Stability Analysis for Multi DFIGs Connected in Parallel to Weak AC Grids. Energies, 2019, 12, 4361.	1.6	3
11	Analysis of Synchronization Stability for Multi VSCs Parallel-Connected to Weak Grids by Improved Net Damping Criterion. Energies, 2020, 13, 3316.	1.6	2