

Hui Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

256
citations

1684188

5
h-index

1872680

6
g-index

14
all docs

14
docs citations

14
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	Grid-Synchronization Stability Analysis and Loop Shaping for PLL-Based Power Converters With Different Reactive Power Control. IEEE Transactions on Smart Grid, 2020, 11, 501-516.	9.0	127
2	Stability Analysis and Enhancement of Type-4 Wind Turbines Connected to Very Weak Grids Under Severe Voltage Sags. IEEE Transactions on Energy Conversion, 2019, 34, 838-848.	5.2	39
3	Damping Effect of Virtual Synchronous Machines Provided by a Dynamical Virtual Impedance. IEEE Transactions on Energy Conversion, 2021, 36, 570-573.	5.2	28
4	Identification of Generalized Short-Circuit Ratio for On-Line Stability Monitoring of Wind Farms. IEEE Transactions on Power Systems, 2020, 35, 3282-3285.	6.5	26
5	An Adaptive Inertia Control to Improve Stability of Virtual Synchronous Machines Under Various Power Grid Strength. , 2019, , .		10
6	Nodal Frequency Performance of Power Networks. , 2019, , .		8
7	Small-Signal Stability Assessment of Heterogeneous Grid-Following Converter Power Systems Based on Grid Strength Analysis. IEEE Transactions on Power Systems, 2023, 38, 2566-2579.	6.5	7
8	Impedance-based Analysis of Constant Reactive Power Control for Voltage Source Converter in Weak AC Grids. , 2019, , .		3
9	Small Signal Stability Analysis of Grid-Following Inverter-Based Resources in Weak Grids With SVGs Based on Grid Strength Assessment. , 2021, , .		3
10	Frequency Support From Kinetic Energy of DFIG-Based Wind Turbines Considering Speed Limitation. , 2019, , .		2
11	Assessing Maximal Capacity of Grid-Following Converters With Grid Strength Constraints. IEEE Transactions on Sustainable Energy, 2022, 13, 2119-2132.	8.8	2
12	A Water-Loop Heat Pump Load Aggregation Method for the Microgrid Optimal Dispatch Problem. , 2019, , .		1
13	Optimal Placement of STATCOMs in Multi-infeed Power Electronic Systems for Small Signal Stability. , 2019, , .		0
14	Assessing Grid-Accommodable Capacity of Grid-Following Inverter-Based Resources with Small Signal Stability Constraint. , 2021, , .		0