

# Guanglu Wu

## List of Publications by Year in descending order

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13  
papers

238  
citations

1307594

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1372567

10  
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13  
all docs

13  
docs citations

13  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and design of vector control for VSC-HVDC connected to weak grids. CSEE Journal of Power and Energy Systems, 2017, 3, 115-124.	1.1	65
2	PLL Synchronization Stability Analysis of MMC-Connected Wind Farms Under High-Impedance AC Faults. IEEE Transactions on Power Systems, 2021, 36, 2251-2261.	6.5	35
3	Parameter Design Oriented Analysis of the Current Control Stability of the Weak-Grid-Tied VSC. IEEE Transactions on Power Delivery, 2021, 36, 1458-1470.	4.3	35
4	Over-Voltage Suppression Methods for the MMC-VSC-HVDC Wind Farm Integration System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 355-359.	3.0	29
5	Review of MVDC Applications, Technologies, and Future Prospects. Energies, 2021, 14, 8294.	3.1	26
6	Low-Frequency Converter-Driven Oscillations in Weak Grids: Explanation and Damping Improvement. IEEE Transactions on Power Systems, 2021, 36, 5944-5947.	6.5	15
7	Impact of Non-Minimum-Phase Zeros on the Weak-Grid-Tied VSC. IEEE Transactions on Sustainable Energy, 2021, 12, 1115-1126.	8.8	12
8	Influence of Active Power Output and Control Parameters of Full-Converter Wind Farms on Sub-Synchronous Oscillation Characteristics in Weak Grids. Energies, 2020, 13, 5225.	3.1	7
9	Voltage Stability and Transient Symmetrical Fault Current Control of Voltage-Controlled MMCs. IEEE Transactions on Power Delivery, 2020, 35, 2506-2516.	4.3	7
10	Modeling and stability analysis of grid-tied VSC considering the impact of voltage feed-forward. International Journal of Electrical Power and Energy Systems, 2022, 135, 107483.	5.5	6
11	Grid Impedance Impact Analysis of the Weak Grid-Tied VSC. , 2021, , .		1
12	Converter-Driven Low-Frequency Stability Analysis and Compensation in Weak-Grid-Tied VSCs. , 2021, , .		0
13	Analysis of AC Failure of New Energy Transmission System via Flexible DC Grid under Island and Grid-connected Operation Mode. , 2022, , .		0