

# Shengtao Fan

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Impact of Short-Circuit Ratio and Phase-Locked-Loop Parameters on the Small-Signal Behavior of a VSC-HVDC Converter. IEEE Transactions on Power Delivery, 2014, 29, 2287-2296.	4.3	492
2	Enhanced high-speed electromagnetic transient simulation of MMC-MTdc grid. International Journal of Electrical Power and Energy Systems, 2016, 83, 7-14.	5.5	28
3	Small Signal Frequency-Domain Model of a LCC-HVDC Converter Based on an Infinite Series-Converter Approach. IEEE Transactions on Power Delivery, 2019, 34, 95-106.	4.3	26
4	High-Speed EMT Modeling of MMCs With Arbitrary Multiport Submodule Structures Using Generalized Norton Equivalents. IEEE Transactions on Power Delivery, 2018, 33, 1299-1307.	4.3	21
5	Parallel Electromagnetic Transients Simulation with Shared Memory Architecture Computers. IEEE Transactions on Power Delivery, 2018, 33, 239-247.	4.3	11
6	Stability of Algorithms for Electro-Magnetic-Transient Simulation of Networks With Switches and Non-Linear Inductors. IEEE Transactions on Power Delivery, 2020, 35, 377-385.	4.3	3
7	Stability Evaluation of Interpolation, Extrapolation, and Numerical Oscillation Damping Methods Applied in EMT Simulation of Power Networks With Switching Transients. IEEE Transactions on Power Delivery, 2021, 36, 2046-2055.	4.3	2
8	Accurate validation of Electromagnetic Transient models of cascaded power transmission systems. , 2016, , .		1
9	Small Signal Frequency-Domain Model of a LCC-HVDC Converter Based on an Infinite Series-Converter Approach. , 2020, , .		0