Ali Maswood

List of Publications by Year
in descending order

14 papers	335 citations	1478505 6 h-index	1872680 6 g-index
14 all docs	14 docs citations	14 times ranked	359 citing authors

#	Article	IF	Citations
1	A General Constant Power Generation Algorithm for Photovoltaic Systems. IEEE Transactions on Power Electronics, 2018, 33, 4088-4101.	7.9	111
2	Flexible Control of Photovoltaic Grid-Connected Cascaded H-Bridge Converters During Unbalanced Voltage Sags. IEEE Transactions on Industrial Electronics, 2018, 65, 6229-6238.	7.9	68
3	Low‐voltage ride‐thorough capability of photovoltaic grid‐connected neutral‐point‐clamped inverters with active/reactive power injection. IET Renewable Power Generation, 2017, 11, 1182-1190.	3.1	47
4	Active/reactive power control of photovoltaic grid‐tied inverters with peak current limitation and zero active power oscillation during unbalanced voltage sags. IET Power Electronics, 2018, 11, 1066-1073.	2.1	44
5	An Explicit Discrete-Time Large- and Small-Signal Modeling of the Dual Active Bridge DC–DC Converter Based on the Time Scale Methodology. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2021, 2, 545-555.	3.9	13
6	An algorithm for reduction of extracted power from photovoltaic strings in grid-tied photovoltaic power plants during voltage sags. , 2016, , .		10
7	Design Considerations of Bidirectional SiC Based DC Solid-State Power Controller for MEA Systems. , 2018, , .		9
8	A Detailed Full-Order Discrete-Time Modeling and Stability Prediction of the Single-Phase Dual Active Bridge DC-DC Converter. IEEE Access, 2022, 10, 31868-31884.	4.2	9
9	Low-voltage ride-through capability of cascaded H-bridge multilevel converters for large-scale photovoltaic power plants. , 2016, , .		7
10	A frequency domain based large and small signal modeling of three phase dual active bridge. , 2020, , .		7
11	A switchable bilinear discrete-time modeling for the stability analysis of the digitally controlled three-phase dual active bridge dc-dc converter. , 2020, , .		6
12	Deep Reinforcement Learning Based Input Voltage Sharing Method for Input-Series Output-Parallel Dual Active Bridge Converter in DC Microgrids. , 2021, , .		2
13	Improved Bilinear Discrete-Time Modeling of the Single-Phase Dual active Bridge DC-DC Converter. , 2021, , .		2
14	Multi-Time Scale Mixed System Modeling and Stability Prediction of Phase-shifted Single-phase Dual Active Bridge DC-DC Converter. , 2022, , .		0