

Ali Maswood

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Multi-Time Scale Mixed System Modeling and Stability Prediction of Phase-shifted Single-phase Dual Active Bridge DC-DC Converter. , 2022, , . | | 0 |
| 2 | 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 |
| 3 | 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 |
| 4 | Deep Reinforcement Learning Based Input Voltage Sharing Method for Input-Series Output-Parallel Dual Active Bridge Converter in DC Microgrids. , 2021, , . | | 2 |
| 5 | Improved Bilinear Discrete-Time Modeling of the Single-Phase Dual active Bridge DC-DC Converter. , 2021, , . | | 2 |
| 6 | A switchable bilinear discrete-time modeling for the stability analysis of the digitally controlled three-phase dual active bridge dc-dc converter. , 2020, , . | | 6 |
| 7 | A frequency domain based large and small signal modeling of three phase dual active bridge. , 2020, , . | | 7 |
| 8 | 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 |
| 9 | A General Constant Power Generation Algorithm for Photovoltaic Systems. IEEE Transactions on Power Electronics, 2018, 33, 4088-4101. | 7.9 | 111 |
| 10 | Design Considerations of Bidirectional SiC Based DC Solid-State Power Controller for MEA Systems. , 2018, , . | | 9 |
| 11 | 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 |
| 12 | Low-voltage ride-through 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 |
| 13 | An algorithm for reduction of extracted power from photovoltaic strings in grid-tied photovoltaic power plants during voltage sags. , 2016, , . | | 10 |
| 14 | Low-voltage ride-through capability of cascaded H-bridge multilevel converters for large-scale photovoltaic power plants. , 2016, , . | | 7 |