Frederik

List of Publications by Year
in descending order

14 papers	**210** citations	1684188 **5** h-index	2053705 **5** g-index
14 all docs	**14** docs citations	**14** times ranked	**245** citing authors

#	Article	IF	Citations
1	A Reduced Power Switches Count Multilevel Converter-Based Photovoltaic System With Integrated Energy Storage. IEEE Transactions on Industrial Electronics, 2021, 68, 8231-8240.	7.9	14
2	Multiwinding Transformer Leakage Inductance Optimization for Power Flow Decoupling in Multiport DC-DC Converters. , 2021, , .		7
3	Impact of Partial Power Processing Dual-Active Bridge Converter on Li-ion Battery Storage Systems. , 2021, , .		0
4	Investigation of Modular Multilevel Converters for E-STATCOM Applications. , 2020, , .		2
5	Power Devices Aging Equalization of Interleaved DCâ€"DC Boost Converters via Power Routing. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2020, 1, 91-101.	3.9	10
6	Cascaded Multilevel PV Inverter With Improved Harmonic Performance During Power Imbalance Between Power Cells. IEEE Transactions on Industry Applications, 2020, 56, 2788-2798.	4.9	25
7	Enhanced Current Capability for Modular Multilevel Converters by a Combined Sorting Algorithm for Capacitor Voltages and Semiconductor Losses. , 2019, , .		3
8	Optimal Design of a Medium-Voltage Grid Analyzer. , 2019, , .		0
9	Interleaved Operation of Two Neutral-Point-Clamped Inverters With Reduced Circulating Current. IEEE Transactions on Power Electronics, 2018, 33, 10122-10134.	7.9	40
10	Thermal Analysis and Balancing for Modular Multilevel Converters in HVDC Applications. IEEE Transactions on Power Electronics, 2018, 33, 1985-1996.	7.9	86
11	Impact of Modulation Methods on the Trade-Off between Investment and Operation Costs of a Medium-Voltage MMC-based STATCOM. , 2018, , .		2
12	Optimized modulation in parallel neutral-point clamped inverters for circulating current reduction: A space vector analysis. , 2017, , .		2
13	Wide frequency range medium-voltage grid impedance analysis by current injection of a multi-MW power converter. , 2016, , .		5
14	Active thermal balancing for modular multilevel converters in HVDC applications. , 2016, , .		14