

David Frey

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

317
citations

1684188

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h-index

1720034

7
g-index

14
all docs

14
docs citations

14
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of DC-DC Converters Dedicated to HVdc Grids. IEEE Transactions on Power Delivery, 2019, 34, 119-128.	4.3	165
2	Optimized Power Modules for Silicon Carbide MOSFETs. IEEE Transactions on Industry Applications, 2018, 54, 1634-1644.	4.9	40
3	High Dynamics Control for MMC Based on Exact Discrete-Time Model With Experimental Validation. IEEE Transactions on Power Delivery, 2018, 33, 477-488.	4.3	29
4	Silicon carbide power chip on chip module based on embedded die technology with paralleled dies. , 2015, , .		25
5	A comparative assessment of different balancing control algorithms for modular multilevel converter (MMC). , 2016, , .		14
6	Linear Feedback Dead-Beat Control for Modular Multilevel Converters: Validation Under Faults Grid Operation Mode. IEEE Transactions on Industrial Electronics, 2021, 68, 3181-3191.	7.9	10
7	Optimized power modules for silicon carbide MOSFET. , 2016, , .		9
8	A Converter-Based Power System Stabilizer for Stability Enhancement of Droop-Controlled Islanded Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 4616-4626.	9.0	8
9	Influence of the operating frequency on DC-DC converters for HVDC grids. , 2019, , .		6
10	Novel and simplified model representing Current-Output Phase-Shift Full-Bridge DC-DC LCLC Resonant Converter in Arc Welding Application. International Journal of Modelling and Simulation, 2022, 42, 831-854.	3.3	4
11	Impact of DC fault blocking capability on the sizing of the DC-DC Modular Multilevel Converter. , 2020, , .		3
12	Application of Clustered Multi-port Active-bridge Converters in Microgrids. , 2019, , .		2
13	Wireless power supply for rotating piezoelectric actuators in high performance aeronautic drilling systems. EPE Journal (European Power Electronics and Drives Journal), 2017, 27, 167-177.	0.7	1