

William Perdikakis

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	7-kV 1-MVA SiC-Based Modular Multilevel Converter Prototype for Medium-Voltage Electric Machine Drives. IEEE Transactions on Power Electronics, 2020, 35, 10137-10149.	7.9	62
2	Hardware design of a 1.7 kV SiC MOSFET based MMC for medium voltage motor drives. , 2018, , .		36
3	Comparison of Si and SiC EMI and Efficiency in a Two-Level Aerospace Motor Drive Application. IEEE Transactions on Transportation Electrification, 2020, 6, 1401-1411.	7.8	20
4	Model Predictive Control With Autotuning Weighting Factors for Single-Phase Six-Level Hybrid-Clamped Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 7946-7956.	7.9	7
5	A Hybrid PWM Modulation for EMI Filter Size Reduction in a 10 kW GaN-Based Three Phase Inverter. , 2019, , .		6
6	Quantifying Temperature Dependence of qd Parameters in Aerospace Synchronous Machines. , 2018, , .		4
7	Hardware-Based Formulation and Validation of Synchronous Machine Models for Aerospace Electric Power Systems. , 2019, , .		2
8	Time Response of a De-energizing Aerospace Synchronous Generator. , 2019, , .		2
9	Common Mode EMI Filter Design for Si and SiC Inverters in an Aerospace Drive System. , 2019, , .		2
10	Load Capacitance Effects on the Energy Mechanism and Severity of Series dc Arcs. , 2018, , .		1
11	Conducted EMI Modeling and Evaluation of Si and SiC devices on Aerospace Machine. , 2021, , .		0
12	A New Active Control Mitigation Method for Aircraft Generator Arc Faults. , 2021, , .		0
13	Conducted EMI Comparison of Two Electric Machines used in Electrified Transportation. , 2022, , .		0