

Yousef Abdullah

List of Publications by Year in descending order

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12
papers

140
citations

2258059

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2550090

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12
all docs

12
docs citations

12
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	A Reliable Ultrafast Short-Circuit Protection Method for E-Mode GaN HEMT. IEEE Transactions on Power Electronics, 2020, 35, 8926-8933.	7.9	37
2	Hurst-Exponent-Based Detection of High-Impedance DC Arc Events for 48-V Systems in Vehicles. IEEE Transactions on Power Electronics, 2021, 36, 3803-3813.	7.9	16
3	Adaptive detection of DC Arc faults based on hurst exponents and current envelope. , 2018, , .		15
4	An Ultra-Fast Short Circuit Protection Solution for E-mode GaN HEMTs. , 2018, , .		11
5	Leakage Current Mitigation of Non-Isolated Integrated Chargers for Electric Vehicles. , 2019, , .		11
6	Control of High-Performance Drive Feeding by Four-Level Hybrid Clamped Converter for Transportation Electrification. IEEE Transactions on Transportation Electrification, 2020, 6, 568-577.	7.8	11
7	A Reliable Ultra-Fast Three Step Short Circuit Protection Method for E-mode GaN HEMTs. , 2019, , .		9
8	Study of Partial Discharge Behavior at Flight-Altitude Pressures under 60 Hz and Impulse Voltages for Samples Related to Aircraft Motors. , 2018, , .		7
9	Hurst exponent-based adaptive detection of Dc arc faults. , 2017, , .		6
10	A Hybrid PWM Modulation for EMI Filter Size Reduction in a 10 kW GaN-Based Three Phase Inverter. , 2019, , .		6
11	High Temperature Design of a GaN Based Modular Integrated Drive with Natural Cooling Using Metal Clad PCBs. , 2019, , .		6
12	Evaluation of 600 V direct-drive GaN HEMT and a comparison to GaN GIT. , 2017, , .		5