

# Yousef Abdullah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6664102/publications.pdf>

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12  
papers

140  
citations

2258059

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2550090

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docs citations

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times ranked

164  
citing authors

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