

Roozbeh Bonyadi

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

279
citations

1937685

4
h-index

2272923

4
g-index

8
all docs

8
docs citations

8
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature and Switching Rate Dependence of Crosstalk in Si-IGBT and SiC Power Modules. IEEE Transactions on Industrial Electronics, 2016, 63, 849-863.	7.9	114
2	The Effect of Electrothermal Nonuniformities on Parallel Connected SiC Power Devices Under Unclamped and Clamped Inductive Switching. IEEE Transactions on Power Electronics, 2016, 31, 4526-4535.	7.9	71
3	Robustness and Balancing of Parallel-Connected Power Devices: SiC Versus CoolMOS. IEEE Transactions on Industrial Electronics, 2016, 63, 2092-2102.	7.9	58
4	Compact Electrothermal Reliability Modeling and Experimental Characterization of Bipolar Latchup in SiC and CoolMOS Power MOSFETs. IEEE Transactions on Power Electronics, 2015, 30, 6978-6992.	7.9	29
5	Compact electrothermal models for unbalanced parallel conducting Si-IGBTs. , 2016, , .		3
6	The impact of triangular defects on electrical characteristics and switching performance of 3.3kV 4H-SiC PiN diode. , 2016, , .		2
7	Safe-Operating-Area of Snubberless Series Connected Silicon and SiC power devices. , 2018, , .		2
8	A DNA sequencing based approach to fault diagnosis in automotive electronic networks. , 2012, , .		0