

Sushanta Bordoloi

List of Publications by Year in descending order

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11
papers

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1937685

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citing authors

#	ARTICLE	IF	CITATIONS
1	Access Region Stack Engineering for Mitigation of Degradation in AlGaIn/GaN HEMTs With Field Plate. IEEE Transactions on Device and Materials Reliability, 2022, 22, 73-84.	2.0	6
2	Investigation of Electric Field Profile and associated parameters with Embedded Metal Layer in Field Plate AlGaIn/GaN HEMTs. Journal of Physics: Conference Series, 2022, 2236, 012005.	0.4	0
3	On-board Health Prognosis of Lithium-Ion Battery Based on the Estimation of Internal Resistance Under Resistive and Inductive Loading Conditions. , 2022, , .		0
4	Introspection Into Reliability Aspects in AlGaIn/GaN HEMTs With Gate Geometry Modification. IEEE Access, 2021, 9, 99828-99841.	4.2	4
5	Realization of multi-configurable logic gate behaviour on fluorescence switching signalling of naphthalene diimide congeners. RSC Advances, 2021, 11, 35274-35279.	3.6	2
6	Numerical analysis of the Impact of Gate Geometry variations on the Reliability of AlGaIn/GaN HEMT. , 2021, , .		1
7	Numerical Simulation of Enhanced-Reliability Filleted-Gate AlGaIn/GaN HEMT. Journal of Electronic Materials, 2020, 49, 2018-2031.	2.2	8
8	Current Collapse Reduction Technique Using N-Doped Buffer Layer into the Bulk Region of a Gate Injection Transistor. , 2019, , .		0
9	FEM Based Device Simulator for High Voltage Devices. Communications in Computer and Information Science, 2017, , 127-135.	0.5	1
10	A study on modeling and simulation of Multiple- Gate MOSFETs. Journal of Physics: Conference Series, 2016, 759, 012093.	0.4	10
11	Estimation of coulombic efficiency of lead acid battery for range determination of electric vehicle. , 2015, , .		5