

# Ashok Kumar Ray

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

21  
citations

2258059

3  
h-index

2053705

5  
g-index

8  
all docs

8  
docs citations

8  
times ranked

16  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Simulation of Enhanced-Reliability Filleted-Gate AlGa <sub>N</sub> /Ga <sub>N</sub> HEMT. Journal of Electronic Materials, 2020, 49, 2018-2031.	2.2	8
2	Access Region Stack Engineering for Mitigation of Degradation in AlGa <sub>N</sub> /Ga <sub>N</sub> HEMTs With Field Plate. IEEE Transactions on Device and Materials Reliability, 2022, 22, 73-84.	2.0	6
3	Introspection Into Reliability Aspects in AlGa <sub>N</sub> /Ga <sub>N</sub> HEMTs With Gate Geometry Modification. IEEE Access, 2021, 9, 99828-99841.	4.2	4
4	FEM Based Device Simulator for High Voltage Devices. Communications in Computer and Information Science, 2017, , 127-135.	0.5	1
5	Fast Ionization-Front-Induced Anomalous Switching Behavior in Trigger Bipolar Transistors of Marx-Bank Circuits Under Base-Drive Conditions. IEEE Transactions on Plasma Science, 2018, 46, 2064-2071.	1.3	1
6	Numerical analysis of the Impact of Gate Geometry variations on the Reliability of AlGa <sub>N</sub> /Ga <sub>N</sub> HEMT. , 2021, , .		1
7	Establishment of Grid Connected Solar Photovoltaic Power Plant on Rooftop of CSIR- Staff Quarter Building - Scientific and Industrial Research Scientist Apartment (SIRSA). Material Science Research India, 2019, 16, 14-36.	0.7	0
8	Investigation of Electric Field Profile and associated parameters with Embedded Metal Layer in Field Plate AlGa <sub>N</sub> /Ga <sub>N</sub> HEMTs. Journal of Physics: Conference Series, 2022, 2236, 012005.	0.4	0