

# Shruthi Mukundan

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

190  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependent electrical characterisation of Pt/HfO <sub>2</sub> /n-GaN metal-insulator-semiconductor (MIS) Schottky diodes. AIP Advances, 2015, 5, .	1.3	54
2	Semipolar and nonpolar GaN epi-films grown on m-sapphire by plasma assisted molecular beam epitaxy. Journal of Applied Physics, 2014, 116, .	2.5	38
3	Enhanced UV detection by non-polar epitaxial GaN films. AIP Advances, 2015, 5, .	1.3	31
4	Trap modulated photoresponse of InGaN/Si isotype heterojunction at zero-bias. Journal of Applied Physics, 2015, 118, .	2.5	19
5	Barrier height inhomogeneity in electrical transport characteristics of InGaN/GaN heterostructure interfaces. AIP Advances, 2015, 5, .	1.3	16
6	Growth and electrical transport properties of InGaN/GaN heterostructures grown by PAMBE. Materials Research Bulletin, 2015, 61, 539-543.	5.2	9
7	Double Gaussian distribution of barrier height observed in densely packed GaN nanorods over Si (111) heterostructures. Journal of Applied Physics, 2014, 116, .	2.5	8
8	High indium non-polar InGaN clusters with infrared sensitivity grown by PAMBE. AIP Advances, 2015, 5, 037112.	1.3	8
9	Structural and optical characterization of nonpolar (10 <sup>±</sup> 10) m-InN/m-GaN epilayers grown by PAMBE. Journal of Crystal Growth, 2016, 433, 74-79.	1.5	5
10	Heterostructures of III-Nitride Semiconductors for Optical and Electronic Applications. , 2018, , .		2