

Santanu Parida

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

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citations

1937685

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1720034

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8
all docs

8
docs citations

8
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic investigation of native defect induced electron-phonon coupling in GaN nanowires. Journal Physics D: Applied Physics, 2017, 50, 275103.	2.8	15
2	Native defect-assisted enhanced response to CH ₄ near room temperature by Al _{0.07} Ga _{0.93} N nanowires. Physical Chemistry Chemical Physics, 2018, 20, 18391-18399.	2.8	9
3	Optical properties of AlGa _N nanowires synthesized via ion beam techniques. Journal of Applied Physics, 2017, 121, 205901.	2.5	5
4	Size-dependent surface potential of Si-doped InN nanorods and the role of inhomogeneous free-electron distribution. Journal of Applied Physics, 2019, 125, .	2.5	5
5	Role of the surface density of states in understanding size-dependent surface band bending in GaN nanowires. Applied Surface Science, 2020, 510, 145502.	6.1	4
6	Nano-spectroscopic and nanoscopic imaging of single GaN nanowires in the sub-diffraction limit. Journal of Applied Physics, 2020, 127, 173103.	2.5	3
7	Effect of Oxygen and Aluminum Incorporation on the Local Structure of GaN Nanowires: Insight from Extended X-ray Absorption Fine Structure Analysis. Journal of Physical Chemistry C, 2021, 125, 3225-3234.	3.1	1
8	Observation of local vibrational modes in N-doped 6H-SiC. Indian Journal of Physics, 0, , 1.	1.8	0