

Jith Sarker

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

171
citations

1684188
5
h-index

1474206
9
g-index

10
all docs

10
docs citations

10
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between thickness dependent nanoscale structural chemistry and superconducting properties of ultrathin epitaxial NbN films. <i>Materials Chemistry and Physics</i> , 2022, 282, 125962.	4.0	5
2	Probing structural and chemical evolution in $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ using atom probe tomography: A review. <i>Journal of Materials Research</i> , 2021, 36, 52-69.	2.6	7
3	Direct observation of site-specific dopant substitution in Si doped $(\text{Al}_{1-x}\text{Ga}_x)_2\text{O}_3$ thin films. <i>Journal of Applied Physics</i> , 2021, 124, 184001.	2.8	13
4	Nanoscale compositional analysis of wurtzite $\text{Al}_x\text{Ga}_{1-x}$ thin film using atom probe tomography. <i>Applied Physics Letters</i> , 2020, 117, 232103.	3.3	5
5	Phase transformation in MOCVD growth of $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ thin films. <i>APL Materials</i> , 2020, 8, .	5.1	75
6	A combined approach of atom probe tomography and unsupervised machine learning to understand phase transformation in $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	21
7	Understanding the Growth Mechanism of $\text{Al}_x\text{Ga}_{1-x}\text{O}_3$ by Atom Probe Tomography. <i>Microscopy and Microanalysis</i> , 2019, 25, 2508-2509.	0.4	4
8	Structural, band and electrical characterization of $\text{Al}_{0.19}\text{Ga}_{0.81}\text{O}_3$ films grown by molecular beam epitaxy on Sn doped Al_2O_3 substrate. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	26
9	Atomic scale investigation of chemical heterogeneity in $\text{Al}_x\text{Ga}_{1-x}\text{O}_3$ films using atom probe tomography. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	14
10	A comprehensive review on the effects of local microstructures and nanoscale chemical features on B-III-nitride films. <i>Journal of Materials Research</i> , 0, , 1.	2.6	1