

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	Phase transformation in MOCVD growth of $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ thin films. APL Materials, 2020, 8, .	5.1	75
2	Structural, band and electrical characterization of $\text{In}^{2-}(\text{Al}_{0.19}\text{Ga}_{0.81})_2\text{O}_3$ films grown by molecular beam epitaxy on Sn doped $\text{In}^{2-}\text{Ga}_2\text{O}_3$ substrate. Journal of Applied Physics, 2019, 126, .	2.5	26
3	A combined approach of atom probe tomography and unsupervised machine learning to understand phase transformation in $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$. Applied Physics Letters, 2020, 116, .	3.3	21
4	Atomic scale investigation of chemical heterogeneity in $\text{In}^{2-}(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ films using atom probe tomography. Applied Physics Letters, 2019, 115, .	3.3	14
5	Direct observation of site-specific dopant substitution in Si doped $(\text{Al}_{x-1}\text{Ga}_{1-x})_2\text{O}_3$. Journal of Applied Physics, 2021, 54, 184001.	2.8	13
6	Probing structural and chemical evolution in $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ using atom probe tomography: A review. Journal of Materials Research, 2021, 36, 52-69.	2.6	7
7	Nanoscale compositional analysis of wurtzite BAlN thin film using atom probe tomography. Applied Physics Letters, 2020, 117, 232103.	3.3	5
8	Correlation between thickness dependent nanoscale structural chemistry and superconducting properties of ultrathin epitaxial NbN films. Materials Chemistry and Physics, 2022, 282, 125962.	4.0	5
9	Understanding the Growth Mechanism of $\text{In}^{2-}(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ by Atom Probe Tomography. Microscopy and Microanalysis, 2019, 25, 2508-2509.	0.4	4
10	A comprehensive review on the effects of local microstructures and nanoscale chemical features on B-III-nitride films. Journal of Materials Research, 0, , 1.	2.6	1