

Ruhul Amin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Room temperature multiferroicity with enhanced ferroelectric and ferromagnetic properties in Ba _{0.75} Pb _{0.25} Ti ₁ -Fe O ₃ . Journal of Alloys and Compounds, 2022, 897, 162734.	2.8	2
2	Defect dipole induced improved electrocaloric effect in modified NBT-6BT lead-free ceramics. Journal of Alloys and Compounds, 2022, 903, 163837.	2.8	10
3	Grain and grain boundary contributions to AC conductivity in ferroelectric Ba _{0.75} Pb _{0.25} Ti ₁ -Zr O ₃ ceramics. Ceramics International, 2021, 47, 13118-13128.	2.3	9
4	Stable anatase phase with a bandgap in visible light region by a charge compensated Ga ³⁺ V ⁵⁺ (1:1) co-doping in TiO ₂ . Ceramics International, 2020, 46, 8958-8970.	2.3	7
5	Fe-doped Na _{0.47} Bi _{0.47} Ba _{0.06} Ti _{0.98-x} V _{0.02} Fe _x O ₃ : Structure correlated vibrational, optical and electrical properties. Journal of Alloys and Compounds, 2020, 848, 156503.	2.8	9
6	Correlation of octahedral distortion with vibrational and electronic properties of LaFe ₁ -Ti O ₃ nanoparticles. Journal of Alloys and Compounds, 2020, 830, 154594.	2.8	17
7	Structural optoelectronic and morphological investigation in Cu _{1-x} Si _x O (x=0.0468). AIP Conference Proceedings, 2020, , .	0.3	0
8	Structural and optical properties of aliovalent vanadium substituted TiO ₂ . AIP Conference Proceedings, 2019, , .	0.3	0
9	Optimization of Pb content in enhancing ferroelectricity and shifting the T _c of BaTiO ₃ to a higher temperature. Journal of Applied Physics, 2019, 126, .	1.1	9
10	Effect of Annealing on Structure, Optoelectronic and Photoresponsivity Properties of Sol-gel Prepared ZnO Nanoparticles. Materials Today: Proceedings, 2019, 17, 261-265.	0.9	5
11	Structural and optical studies of Ni-doped ZnO. AIP Conference Proceedings, 2019, , .	0.3	6
12	Bandgap tuning by lattice distortion in V and Ga doped TiO ₂ . Integrated Ferroelectrics, 2018, 194, 91-95.	0.3	2
13	Effect of titanium on the structural and optical property of NiO nano powders. AIP Conference Proceedings, 2018, , .	0.3	0
14	Effect of V-Nd co-doping on phase transformation and grain growth process of TiO ₂ . AIP Conference Proceedings, 2018, , .	0.3	2
15	Zn _{1-x} Si _x O: Improved optical transmission and electrical conductivity. Ceramics International, 2017, 43, 5668-5673.	2.3	12