

Sanjib Nayak

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

92
citations

1478505

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1474206

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docs citations

10
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of A-site substitutions on energy storage properties of BaTiO ₃ BiScO ₃ weakly coupled relaxor ferroelectrics. Journal of the American Ceramic Society, 2019, 102, 5919-5933.	3.8	36
2	Large electromechanical strain and unconventional domain switching near phase convergence in a Pb-free ferroelectric. Communications Physics, 2020, 3, .	5.3	14
3	Instrumented indentation probing of laser surface-refined cast Al alloy. Journal of Materials Research, 2004, 19, 202-207.	2.6	10
4	Relaxor behavior and electrothermal properties of Sn- and Nb-modified (Ba,Ca)TiO ₃ Pb-free ferroelectric. Journal of Materials Research, 2020, 35, 1017-1027.	2.6	8
5	Atomic structural mechanism for ferroelectric-antiferroelectric transformation in perovskite NaNbO_3 Physical Review B, 2022, 105, .	3.2	8
6	Dynamical origins of weakly coupled relaxor behavior in Sn-doped BaTiO_3 Physical Review B, 2021, 103, .	3.2	7
7	Enhanced dielectric permittivity and relaxor behavior in thermally annealed P(VDF-TrFE) copolymer films. Applied Physics Letters, 2020, 117, .	3.3	4
8	Instrumented Indentation Characterization of Laser-Induced Fe ₃ O ₄ /Al Composite Coating. Advanced Engineering Materials, 2003, 5, 246-251.	3.5	2
9	Broad Distribution of Local Polar States Generates Large Electrothermal Properties in Pb-Free Relaxor Ferroelectrics. Chemistry of Materials, 0, , .	6.7	2
10	Point defect induced incommensurate dipole moments in the $\text{KCa}_2\text{Nb}_{10}\text{O}_{32}$ Dion-Jacobson layered perovskite. Physical Review B, 2021, 104, .	3.2	2