

Souvik Bhattacharjee

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

177
citations

1040056

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1281871

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docs citations

11
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric and piezoelectric augmentation in self-poled magnetic Fe ₃ O ₄ /poly(vinylidene fluoride) composite nanogenerators. Materials Research Express, 2020, 7, 044001.	1.6	27
2	Size-modulation of functionalized Fe ₃ O ₄ : nanoscopic customization to devise resolute piezoelectric nanocomposites. Dalton Transactions, 2020, 49, 7872-7890.	3.3	26
3	Negative capacitance switching in size-modulated Fe ₃ O ₄ nanoparticles with spontaneous non-stoichiometry: confronting its generalized origin in non-ferroelectric materials. Nanoscale, 2020, 12, 1528-1540.	5.6	18
4	Boron vacancy: a strategy to boost the oxygen reduction reaction of hexagonal boron nitride nanosheet in hBN@MoS ₂ heterostructure. Nanoscale Advances, 2021, 3, 4739-4749.	4.6	17
5	Field-enhanced polarization in polytype ferric oxides: confronting anisotropy in dielectric ellipsoid dispersion. Journal Physics D: Applied Physics, 2021, 54, 295301.	2.8	17
6	All-inorganic halide perovskite tuned robust mechanical-energy harvester: Self driven posture monitor and power source for portable electronics. Applied Materials Today, 2022, 26, 101385.	4.3	17
7	2D square nanosheets of Anatase TiO ₂ : A surfactant free nanofiller for transformer oil nanofluids. Journal of Molecular Liquids, 2021, 325, 115000.	4.9	15
8	Manipulating dielectric relaxation via anisotropic field deviations in perovskite titanate grain-grain boundary heterostructure: a joint experimental and theoretical venture. Applied Physics A: Materials Science and Processing, 2022, 128, .	2.3	15
9	Bias-tuned dielectric properties and Non-Debye relaxation in vanadium doped BaSnO ₃ nanocubes. Materials Research Express, 2019, 6, 105029.	1.6	11
10	Strain-induced partial phase transition in TiO ₂ nanoparticles manifesting frequency dispersive pseudo-inductive switching of capacitance. Ceramics International, 2020, 46, 20437-20447.	4.8	9
11	CH ₃ NH ₃ PbI ₃ as a radio frequency decoupling capacitor: interplay between Maxwell-Wagner polarization and a pseudo inductive response. Journal Physics D: Applied Physics, 2021, 54, 175105.	2.8	5