

Pratyasha Mohapatra

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

149
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcination does not remove all carbon from colloidal nanocrystal assemblies. <i>Nature Communications</i> , 2017, 8, 2038.	12.8	52
2	Relaxor antiferroelectric ceramics with ultrahigh efficiency for energy storage applications. <i>Journal of the European Ceramic Society</i> , 2019, 39, 4735-4742.	5.7	49
3	Restriction of Phase Transformation in Carbon Nanotube-Reinforced Yttria-Stabilized Zirconia. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 2965-2974.	2.2	15
4	Effect of far-field stresses and residual stresses incorporation in predicting fracture toughness of carbon nanotube reinforced yttria stabilized zirconia. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	10
5	Elastocaloric effect in vanadium (IV) oxide. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	7
6	Effect of electric hysteresis on fatigue behavior in antiferroelectric bulk ceramics under bipolar loading. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15542-15551.	5.5	6
7	Large-Scale Synthesis of Colloidal Si Nanocrystals and Their Helium Plasma Processing into Spin-On, Carbon-Free Nanocrystalline Si Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20740-20747.	8.0	5
8	On the kinetics of the removal of ligands from films of colloidal nanocrystals by plasmas. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1614-1622.	2.8	4
9	Towards bulk syntheses of nanomaterials: a homeostatically supersaturated synthesis of polymer-like Bi ₂ S ₃ nanowires with nearly 100% yield and no injection. <i>RSC Advances</i> , 2016, 6, 113815-113819.	3.6	1