

Pranab Mandal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11958548/publications.pdf>

Version: 2024-02-01

9
papers

606
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel 3-D spacer-all fibre piezoelectric textiles for energy harvesting applications. Energy and Environmental Science, 2014, 7, 1670-1679.	30.8	234
2	Tilt engineering of spontaneous polarization and magnetization above 300 K in a bulk layered perovskite. Science, 2015, 347, 420-424.	12.6	181
3	Tailoring the surface charge of dextran-based polymer coated SPIONs for modulated stem cell uptake and MRI contrast. Biomaterials Science, 2015, 3, 608-616.	5.4	44
4	SPIONs for cell labelling and tracking using MRI: magnetite or maghemite?. Biomaterials Science, 2018, 6, 101-106.	5.4	40
5	Room Temperature Magnetically Ordered Polar Corundum GaFeO_3 Displaying Magnetoelectric Coupling. Journal of the American Chemical Society, 2017, 139, 1520-1531.	13.7	34
6	Morphotropic Phase Boundary in the Pb-Free $(1-x)\text{Ti}_{1-x}\text{Fe}_x\text{O}_3$ System: Tetragonal Polarization and Enhanced Electromechanical Properties. Advanced Materials, 2015, 27, 2883-2889.	21.0	31
7	Coprecipitation of DEAE-dextran coated SPIONs: how synthesis conditions affect particle properties, stem cell labelling and MR contrast. Contrast Media and Molecular Imaging, 2016, 11, 362-370.	0.8	24
8	Controlling Phase Assemblage in a Complex Multication System: Phase-Pure Room Temperature Multiferroic $(1-x)\text{BiTi}_3\text{Fe}_x\text{O}_{10}$ ($1-x$) $\text{BiTi}_2\text{Mg}_x\text{O}_{10}$. Advanced Functional Materials, 2016, 26, 2523-2531.	14.9	17
9	Complex Structural Disorder in a Polar Orthorhombic Perovskite Observed through the Maximum Entropy Method/Rietveld Technique. Chemistry of Materials, 2022, 34, 29-42.	6.7	1