

Pranab Mandal

List of Publications by Year in descending order

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