

Alicia Manjón-Sanz

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	Atomic structural mechanism for ferroelectric-antiferroelectric transformation in perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NaNbO</mml:mi><mml:mn>3</mml:mn></mml:msub></> <i>Physical Review B</i> , 2022, 105, .	3.2	8
3	The local structure of 0.5Ba(Zr0.2Ti0.8)O3-0.5(Ba0.7Ca0.3)TiO3 from neutron total scattering measurements and multi-edge X-ray absorption analysis. <i>Materials Research Bulletin</i> , 2021, 135, 111124.	5.2	6
4	On the contribution of Pair Distribution Function (PDF) to the characterization of nanocrystalline MOFs: The case of M-MOF-74. <i>Microporous and Mesoporous Materials</i> , 2021, 319, 110973.	4.4	11
5	From theory to experiment: BaFe_{0.125}Co_{0.125}Zr_{0.75}O₃, a highly promising cathode for intermediate temperature SOFCs. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3413-3420.	10.3	17
6	Total scattering and diffraction studies of lead-free piezoelectric (1-x)Ba(Zr0.2Ti0.8)O3-x(Ba0.7Ca0.3)TiO3 deconvolute intrinsic and extrinsic contributions to electromechanical strain. <i>Acta Materialia</i> , 2019, 171, 79-91.	7.9	20
7	Low temperature synthesis route and structural characterization of (Bi_{0.5})(Sc_{0.5}Nb_{0.5})O₃ (<i>Tj ETQq1 1 04784314</i>)	6.7	54
8	Applications of Piezoelectrics: Old and New. <i>Chemistry of Materials</i> , 2018, 30, 8718-8726.	6.7	54
9	An investigation into group 13 (Al, Ga, In) substituted (Na0.5Bi0.5)TiO3-BaTiO3 (NBT-BT) lead-free piezoelectrics. <i>Journal of Alloys and Compounds</i> , 2018, 762, 378-388.	5.5	7
10	Understanding the structure-property relationships of the ferroelectric to relaxor transition of the (1-x)BaTiO3-xBiInO3 lead-free piezoelectric system. <i>Journal of Materials Science</i> , 2017, 52, 5309-5323.	3.7	8
11	Dielectric and Ferroelectric Properties in Highly Substituted Bi₂Sr(A)TiNb₂O₁₂ (A = Ca²⁺, Sr²⁺), (<i>Tj ETQq1 1 04784314</i>)	6.7	54
12	Morphotropic Phase Boundary in the Pb-Free (1-x)BiTi_{3/8}Fe_{1/8} System: Tetragonal Polarization and Enhanced Electromechanical Properties. <i>Advanced Materials</i> , 2015, 27, 2883-2889.	21.0	31
13	Micron-Sized Single-Crystal-like CoAPO-5/Carbon Composites Leading to Hierarchical CoAPO-5 with Both Inter- and Intracrystalline Mesoporosity. <i>Crystal Growth and Design</i> , 2013, 13, 2476-2485.	3.0	6
14	Perovskite Site Compositional Control of [110] Polar Displacement Coupling in an Ambient-Pressure Stable Bismuth-based Ferroelectric. <i>Angewandte Chemie</i> , 2012, 124, 10928-10933.	2.0	8
15	Perovskite Site Compositional Control of [110] Polar Displacement Coupling in an Ambient-Pressure Stable Bismuth-based Ferroelectric. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10770-10775.	13.8	15
16	Towards the control of intercrystalline mesoporosity in inorganic microporous materials: The case of CoAPO-5. <i>Catalysis Today</i> , 2012, 179, 102-114.	4.4	10
17	Non-templated intercrystalline mesoporosity in heteroatom-doped AlPO4-5 using N-methyldicyclohexylamine as structure-directing agent. <i>Microporous and Mesoporous Materials</i> , 2010, 131, 331-341.	4.4	23