Alicia ManjÃ³n-Sanz

List of Publications by Year
in descending order

17 papers	250 citations	1040056 9 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	437 citing authors

#	Article	IF	Citations
1	Applications of Piezoelectrics: Old and New. Chemistry of Materials, 2018, 30, 8718-8726.	6.7	54
2	Morphotropic Phase Boundary in the Pbâ€Free (1 â^') Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 712 Td (x)BiTi_{3/8}Fe_{3/8}Mg_{1/4}O₃ (x = 0.25) Ceramic System: Tetragonal Polarization and Enhanced Electromechanical Properties. Advanced Materials, 2015, 27, 2883-2889.	21.0	31
3	Non-templated intercrystalline mesoporosity in heteroatom-doped AlPO4-5 using N-methyldicyclohexylamine as structure-directing agent. Microporous and Mesoporous Materials, 2010, 131, 331-341.	4.4	23
4	Dielectric and Ferroelectric Properties in Highly Substituted Bi₂Sr(A)TiNb₂O₁₂ (A = Ca²⁺, Sr²⁺,) Tj ETQq0 0 0 rgBT /Overlock 10 T	6.7	21
5	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. Acta Materialia, 2019, 171, 79-91.	7.9	20
6	From theory to experiment: BaFe_{0.125}Co_{0.125}Zr_{0.75}O_{3â^'Î´}, a highly promising cathode for intermediate temperature SOFCs. Journal of Materials Chemistry A, 2020, 8, 3413-3420.	10.3	17
7	Perovskite Bâ€Site Compositional Control of [110]_p Polar Displacement Coupling in an Ambientâ€Pressureâ€Stable Bismuthâ€based Ferroelectric. Angewandte Chemie - International Edition, 2012, 51, 10770-10775.	13.8	15
8	On the contribution of Pair Distribution Function (PDF) to the characterization of nanocrystalline MOFs: The case of M-MOF-74. Microporous and Mesoporous Materials, 2021, 319, 110973.	4.4	11
9	Towards the control of intercrystalline mesoporosity in inorganic microporous materials: The case of CoAPO-5. Catalysis Today, 2012, 179, 102-114.	4.4	10
10	Perovskite Bâ€Site Compositional Control of [110]_p Polar Displacement Coupling in an Ambientâ€Pressureâ€Stable Bismuthâ€based Ferroelectric. Angewandte Chemie, 2012, 124, 10928-10933.	2.0	8
11	Understanding the structureâ€“property relationships of the ferroelectric to relaxor transition of the (1Ââ^'Âx)BaTiO3â€“(x)BiInO3 lead-free piezoelectric system. Journal of Materials Science, 2017, 52, 5309-5323.	3.7	8
12	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></ Physical Review B, 2022, 105, .	3.2	8
13	An investigation into group 13 (Al, Ga, In) substituted (Na0.5Bi0.5)TiO3-BaTiO3 (NBT-BT) lead-free piezoelectrics. Journal of Alloys and Compounds, 2018, 762, 378-388.	5.5	7
14	Micron-Sized Single-Crystal-like CoAPO-5/Carbon Composites Leading to Hierarchical CoAPO-5 with Both Inter- and Intracrystalline Mesoporosity. Crystal Growth and Design, 2013, 13, 2476-2485.	3.0	6
15	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. Materials Research Bulletin, 2021, 135, 111124.	5.2	6
16	Low temperature synthesis route and structural characterization of (Bi_{0.5}A_{0.5})(Sc_{0.5}Nb_{0.5})O₃ (A) Tj ETQq0 0 0 rgBT /Over	6.7	4
17	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