Javier Pu00e9rez de la Cruz

List of Publications by Year
in descending order

26 papers	466 citations	687363 13 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	657 citing authors

#	Article	IF	Citations
1	Synthesis of Na2Ti3O7 nanoparticles by sonochemical method for solid state electrolyte applications. Journal of Solid State Electrochemistry, 2018, 22, 1315-1319.	2.5	10
2	Multilayer Ceramic Magnetoelectric Composites with Tailored Interfaces for Enhanced Response. ACS Applied Materials & Interfaces, 2017, 9, 39094-39104.	8.0	21
3	High-sensitivity piezoelectric perovskites for magnetoelectric composites. Science and Technology of Advanced Materials, 2015, 16, 016001.	6.1	21
4	Morphotropic Phase Boundary in Solutionâ€Derived (<scp><scp>Bi</scp></scp>_{0.5}<scp><scp>Na</scp></scp>_{0.5})_{1â^'x}<scp><scp>Ba</scp> Thin Films: Part II Functional Properties and Phase Stability. Journal of the American Ceramic Society, 2014, 97, 1276-1282.	3.8	9
5	Structural, electrical and magnetic properties of magnetoelectric GdMnO3 thin films prepared by a solâ€“gel method. Thin Solid Films, 2014, 564, 419-425.	1.8	26
6	Oxidation of ZnO thin films during pulsed laser deposition process. Bulletin of Materials Science, 2013, 36, 385-388.	1.7	0
7	Room temperature structure and multiferroic properties in Bi0.7La0.3FeO3 ceramics. Journal of Alloys and Compounds, 2013, 554, 97-103.	5.5	32
8	Low-temperature dielectric response of NaTaO3 ceramics and films. Applied Physics Letters, 2012, 100, .	3.3	25
9	Properties of multilayer composite thin films based on morphotropic phase boundary Pb(Mg1/3Nb2/3)O3-PbTiO3. Thin Solid Films, 2012, 520, 7205-7211.	1.8	5
10	Phase transition and PTCR effect in erbium doped BT ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 832-837.	3.5	22
11	Dimensional effects on the structure and magnetic properties of GdMnO3 thin films. Materials Letters, 2012, 70, 167-170.	2.6	24
12	Structural and electrical properties of LuMnO3 thin film prepared by chemical solution method. Thin Solid Films, 2012, 520, 1734-1739.	1.8	4
13	Synthesis of orthorhombic rare-earth manganite thin films by a novel chemical solution route. Journal of Electroceramics, 2011, 26, 44-55.	2.0	18
14	Lithium-induced dielectric relaxations in potassium tantalate ceramics. Journal Physics D: Applied Physics, 2011, 44, 315406.	2.8	9
15	Relaxation dynamics of the conductive processes in BaTiO3 ceramics at high temperature. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 171, 127-132.	3.5	23
16	Thickness effect on the dielectric, ferroelectric, and piezoelectric properties of ferroelectric lead zirconate titanate thin films. Journal of Applied Physics, 2010, 108, .	2.5	121
17	Solâ€“gel reaction stability studied: Influence in the formation temperature and properties of ferroelectric thin films. Materials Research Bulletin, 2009, 44, 515-521.	5.2	7
18	Electrical properties of lead zirconate titanate thick films prepared by hybrid solâ€“gel method with multiple infiltration steps. Materials Chemistry and Physics, 2007, 101, 280-284.	4.0	14

#	Article	IF	Citations
19	Formation and electrical characterization of Ti-modified Sr0.3Ba0.7Nb2O6 ceramic system. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 22-27.	3.5	6
20	Measurements of Piezoelectric Properties of Ferroelectric Thick Films by Fotonic Sensor. Ferroelectrics, 2005, 320, 171-178.	0.6	3
21	Effect of Processing Conditions on the Piezoelectric Properties of Sol-gel Derived Pb(Zr,Ti)O3 Films for Micromechanical Applications. Journal of Materials Research, 2005, 20, 1428-1435.	2.6	5
22	Fiber-optic based method for the measurements of electric-field induced displacements in ferroelectric materials. Review of Scientific Instruments, 2005, 76, 085101.	1.3	17
23	High-quality PbZr0.52Ti0.48O3 films prepared by modified solâ€“gel route at low temperature. Thin Solid Films, 2004, 449, 20-24.	1.8	29
24	Title is missing!. , 2001, 6, 153-157.		3
25	Dielectric hysteresis and pyroelectricity in the La0.03Sr0.255Ba0.7Nb2â^'yTiyO(6â^'y)/2 ferroelectric ceramic system. Solid State Communications, 2000, 113, 581-585.	1.9	11
26	Microstructure and Electrical Properties of Bi³⁺ Modified ZnO Ceramics. Key Engineering Materials, 0, 434-435, 318-223.	0.4	1