

Javier Pu00e9rez de la Cruz

List of Publications by Year in descending order

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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	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
2	Room temperature structure and multiferroic properties in Bi _{0.7} La _{0.3} FeO ₃ ceramics. Journal of Alloys and Compounds, 2013, 554, 97-103.	5.5	32
3	High-quality PbZr _{0.52} Ti _{0.48} O ₃ films prepared by modified sol-gel route at low temperature. Thin Solid Films, 2004, 449, 20-24.	1.8	29
4	Structural, electrical and magnetic properties of magnetoelectric GdMnO ₃ thin films prepared by a sol-gel method. Thin Solid Films, 2014, 564, 419-425.	1.8	26
5	Low-temperature dielectric response of NaTaO ₃ ceramics and films. Applied Physics Letters, 2012, 100, .	3.3	25
6	Dimensional effects on the structure and magnetic properties of GdMnO ₃ thin films. Materials Letters, 2012, 70, 167-170.	2.6	24
7	Relaxation dynamics of the conductive processes in BaTiO ₃ ceramics at high temperature. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 171, 127-132.	3.5	23
8	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
9	High-sensitivity piezoelectric perovskites for magnetoelectric composites. Science and Technology of Advanced Materials, 2015, 16, 016001.	6.1	21
10	Multilayer Ceramic Magnetoelectric Composites with Tailored Interfaces for Enhanced Response. ACS Applied Materials & Interfaces, 2017, 9, 39094-39104.	8.0	21
11	Synthesis of orthorhombic rare-earth manganite thin films by a novel chemical solution route. Journal of Electroceramics, 2011, 26, 44-55.	2.0	18
12	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
13	Electrical properties of lead zirconate titanate thick films prepared by hybrid sol-gel method with multiple infiltration steps. Materials Chemistry and Physics, 2007, 101, 280-284.	4.0	14
14	Dielectric hysteresis and pyroelectricity in the La _{0.03} Sr _{0.255} Ba _{0.7} Nb ₂ YTiO ₆ ferroelectric ceramic system. Solid State Communications, 2000, 113, 581-585.	1.9	11
15	Synthesis of Na ₂ Ti ₃ O ₇ nanoparticles by sonochemical method for solid state electrolyte applications. Journal of Solid State Electrochemistry, 2018, 22, 1315-1319.	2.5	10
16	Lithium-induced dielectric relaxations in potassium tantalate ceramics. Journal Physics D: Applied Physics, 2011, 44, 315406.	2.8	9
17	Morphotropic Phase Boundary in Solution-Derived (Bi _{0.5} Na _{0.5}) _{1-x} Ba _x Thin Films: Part II Functional Properties and Phase Stability. Journal of the American Ceramic Society, 2014. 97. 1276-1282.	3.8	9
18	Sol-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

#	ARTICLE	IF	CITATIONS
19	Formation and electrical characterization of Ti-modified Sr _{0.3} Ba _{0.7} Nb ₂ O ₆ ceramic system. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 22-27.	3.5	6
20	Effect of Processing Conditions on the Piezoelectric Properties of Sol-gel Derived Pb(Zr,Ti)O ₃ Films for Micromechanical Applications. Journal of Materials Research, 2005, 20, 1428-1435.	2.6	5
21	Properties of multilayer composite thin films based on morphotropic phase boundary Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ . Thin Solid Films, 2012, 520, 7205-7211.	1.8	5
22	Structural and electrical properties of LuMnO ₃ thin film prepared by chemical solution method. Thin Solid Films, 2012, 520, 1734-1739.	1.8	4
23	Title is missing!. , 2001, 6, 153-157.		3
24	Measurements of Piezoelectric Properties of Ferroelectric Thick Films by Fotonic Sensor. Ferroelectrics, 2005, 320, 171-178.	0.6	3
25	Microstructure and Electrical Properties of Bi ³⁺ Modified ZnO Ceramics. Key Engineering Materials, 0, 434-435, 318-223.	0.4	1
26	Oxidation of ZnO thin films during pulsed laser deposition process. Bulletin of Materials Science, 2013, 36, 385-388.	1.7	0