

F G Figueiras

List of Publications by Year in descending order

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27
papers

336
citations

933447

10
h-index

839539

18
g-index

27
all docs

27
docs citations

27
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Fe-doping on the structure and magnetoelectric properties of $(\text{Ba}_{0.85}\text{Ca}_{0.15})(\text{Ti}_{0.9}\text{Zr}_{0.1})\text{O}_3$ synthesized by a chemical route. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1066-1079.	5.5	60
2	Observation of magnetoelectric coupling and local piezoresponse in modified $(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3$ – BaTiO_3 – CoFe_2O_4 lead-free composites. <i>Dalton Transactions</i> , 2014, 43, 9934-9943.	4.8	49
3	Room temperature structure and multiferroic properties in $\text{Bi}_{0.7}\text{La}_{0.3}\text{FeO}_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2013, 554, 97-103.	5.5	32
4	Study of Ni_2MnGa phase formation by magnetron sputtering film deposition at low temperature onto Si substrates and $\text{LaNiO}_3\cdot\text{Pb}(\text{Ti,Zr})\text{O}_3$ buffer. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2010, 28, 6-10.	2.1	27
5	Wake-up Free Ferroelectric Rhombohedral Phase in Epitaxially Strained ZrO_2 Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 51383-51392.	8.0	23
6	Synthesis and characterisation of novel ruthenium multi-substituted polyoxometalates: $[\pm, \mp\text{-}[\text{SiW}_9\text{O}_{37}\text{Ru}_4(\text{H}_2\text{O})_3\text{Cl}_3]_7]^{2-}$. <i>Polyhedron</i> , 2010, 29, 3066-3073.	2.2	20
7	Local bias induced ferroelectricity in manganites with competing charge and orbital order states. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 4977-4981.	2.8	14
8	The growth and improved magnetoelectric response of strain-modified Aurivillius $\text{SrBi}_{4.25}\text{La}_{0.75}\text{Ti}_4\text{FeO}_{18}$ thin films. <i>Dalton Transactions</i> , 2019, 48, 13224-13241.	3.3	12
9	Ferroelectric switching dynamics in $0.5\text{Ba}(\text{Zr}_{0.2}\text{Ti}_{0.8})\text{O}_3\text{-}0.5(\text{Ba}_{0.7}\text{Ca}_{0.3})\text{TiO}_3$ thin films. <i>Applied Physics Letters</i> , 2018, 113, 082903.	3.3	11
10	Novel multiferroic state and ME enhancement by breaking the AFM frustration in LuMn_2O_3 . <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1335-1341.	2.8	10
11	Perovskite ferroelectric thin film as an efficient interface to enhance the photovoltaic characteristics of Si/SnO_x heterojunctions. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11314-11326.	10.3	10
12	Peculiar Magnetoelectric Coupling in $\text{BaTiO}_3\text{:Fe}_{113\text{ppm}}$ Nanoscopic Segregations. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24741-24747.	8.0	9
13	Site Redistribution, Partial Frozen-in Defect Chemistry, and Electrical Properties of $\text{Ba}_{1-x}(\text{Zr,Pr})\text{O}_3$. <i>Inorganic Chemistry</i> , 2016, 55, 8552-8563.	4.0	9
14	Narrow optical gap ferroelectric $\text{Bi}_2\text{ZnTiO}_6$ thin films deposited by RF sputtering. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10696-10701.	10.3	8
15	Structural and magnetic study of self-doped $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1753-1755.	2.3	6
16	Magnetoelectric effect probe through ppm Fe doping in BaTiO_3 . <i>Journal of Alloys and Compounds</i> , 2016, 661, 495-500.	5.5	6
17	Multiferroic interfaces in bismuth ferrite composite fibers grown by laser floating zone technique. <i>Materials and Design</i> , 2016, 90, 829-833.	7.0	6
18	Unravelling the effect of SrTiO_3 antiferrodistortive phase transition on the magnetic properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ thin films. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 435002.	2.8	4

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19	Breaking the geometric magnetic frustration in controlled off-stoichiometric $\text{LuMn}_{1+z}\text{O}_{3+\delta}$ compounds. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13519-13523.	2.8	4
20	Effect of laser processing on physical properties of $(\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Ti}_{0.9}\text{Zr}_{0.1}\text{O}_3)$ lead-free thick films fabricated by the electrophoretic deposition. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 113, 94-101.	4.0	4
21	Development of Novel Multiferroic Composites Based on BaTiO_3 and Hexagonal Ferrites. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1161, 1061.	0.1	3
22	Handling magnetic and structural properties of EuMnO_3 thin films by the combined effect of Lu doping and substrate strain. <i>Journal of Alloys and Compounds</i> , 2018, 762, 319-325.	5.5	3
23	The Effects of Ca and Mn Excess Co-Doping in CMR Manganites Solid Solution Structures. <i>Materials Science Forum</i> , 2006, 514-516, 294-298.	0.3	2
24	Low Temperature Deposition of Ferromagnetic Ni-Mn-Ga Thin Films From Two Different Targets via rf Magnetron Sputtering. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1250, 1.	0.1	2
25	Strain-Engineered Tetragonal Phase and Ferroelectricity in GdMnO_3 Thin Films Grown on SrTiO_3 (001). <i>Scientific Reports</i> , 2019, 9, 18755.	3.3	2
26	Dielectric Relaxation and Optical Transmittance of PVC Membranes Modified by Nematic Liquid Crystal. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2009, 58, 588-603.	3.4	0
27	Deposition parameters and annealing key role in setting structural and polar properties of $\text{Bi}_{0.9}\text{La}_{0.1}\text{Fe}_{0.9}\text{Mn}_{0.1}\text{O}_3$ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 12690-12697.	2.2	0