

C J M Daumont

List of Publications by Year in descending order

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22
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1424
citing authors

#	ARTICLE	IF	CITATIONS
1	Room Temperature Electrical Manipulation of Giant Magnetoresistance in Spin Valves Exchange-Biased with BiFeO ₃ . Nano Letters, 2012, 12, 1141-1145.	9.1	157
2	Artificial chemical and magnetic structure at the domain walls of an epitaxial oxide. Nature, 2014, 515, 379-383.	27.8	146
3	Tuning the atomic and domain structure of epitaxial films of multiferroic BiFeO_3 . Physical Review B, 2010, 81, .	3.2	77
4	Epitaxial TbMnO ₃ thin films on SrTiO ₃ substrates: a structural study. Journal of Physics Condensed Matter, 2009, 21, 182001.	1.8	71
5	Strain dependence of polarization and piezoelectric response in epitaxial BiFeO ₃ thin films. Journal of Physics Condensed Matter, 2012, 24, 162202.	1.8	66
6	Ferromagnetism and increased ionicity in epitaxially grown TbMnO ₃ films. Physical Review B, 2009, 79, .	3.2	58
7	Nanoscale domain evolution in thin films of multiferroic TbMnO_3 . Physical Review B, 2009, 80, .	3.2	47
8	Control of ferroelectricity and magnetism in multi-ferroic BiFeO ₃ by epitaxial strain. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20120438.	3.4	32
9	Flexible Organic/Inorganic Hybrid Field-Effect Transistors with High Performance and Operational Stability. ACS Applied Materials & Interfaces, 2017, 9, 573-584.	8.0	32
10	Fabrication of high performance field-effect transistors and practical Schottky contacts using hydrothermal ZnO nanowires. Nanotechnology, 2015, 26, 355704.	2.6	25
11	Tunability, dielectric, and piezoelectric properties of Ba(1-x)Ca(x)Ti(1-y)Zr(y)O ₃ ferroelectric thin films. Journal of Applied Physics, 2016, 119, .	2.5	17
12	Long-range order of Ni ²⁺ and Mn ⁴⁺ and ferromagnetism in multiferroic (Bi _{0.9} La _{0.1}) ₂ NiMnO ₆ thin films. Journal of Applied Physics, 2010, 108, 123907.	2.5	15
13	Laser fluence and spot size effect on compositional and structural properties of BiFeO ₃ thin films grown by Pulsed Laser Deposition. Thin Solid Films, 2017, 634, 107-111.	1.8	13
14	Enhancement of piezoelectric response in Ga doped BiFeO ₃ epitaxial thin films. Journal of Applied Physics, 2015, 117, .	2.5	12
15	Double-brush Langmuir-Blodgett monolayers of ℓ -helical diblock copolypeptides. Polymer, 2010, 51, 1042-1055.	3.8	11
16	Influence of strain on the electronic structure of the TbMnO ₃ /SrTiO ₃ epitaxial interface. Applied Physics Letters, 2011, 99, .	3.3	9
17	Cyclable and non-volatile electric field control of magnetism in BiFeO ₃ based magnetoelectric heterostructures. Applied Physics Letters, 2018, 112, .	3.3	9
18	Extreme dielectric non-linearities at the convergence point in Ba _{1-x} Ca _x Ti _{1-x} Zr _x O ₃ thin films. Journal of Alloys and Compounds, 2018, 747, 366-373.	5.5	6

#	ARTICLE	IF	CITATIONS
19	Structural and chemical investigation of interface related magnetoelectric effect in Ni/BiFe _{0.95} Mn _{0.05} O ₃ heterostructures. Applied Surface Science, 2019, 481, 234-240.	6.1	4
20	Nonlinear piezoelectric properties of epitaxial BaTiO ₃ thin film. Ferroelectrics, 2017, 514, 9-18.	0.6	3
21	Tunability Investigation in the BaTiO ₃ -CaTiO ₃ -BaZrO ₃ Phase Diagram Using a Refined Combinatorial Thin Film Approach. Coatings, 2021, 11, 1082.	2.6	2