

# C J M Daumont

## List of Publications by Year in descending order

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21  
papers

812  
citations

759233

12  
h-index

713466

21  
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22  
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22  
docs citations

22  
times ranked

1424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunability Investigation in the BaTiO <sub>3</sub> -CaTiO <sub>3</sub> -BaZrO <sub>3</sub> Phase Diagram Using a Refined Combinatorial Thin Film Approach. <i>Coatings</i> , 2021, 11, 1082.	2.6	2
2	Structural and chemical investigation of interface related magnetoelectric effect in Ni/BiFe <sub>0.95</sub> Mn <sub>0.05</sub> O <sub>3</sub> heterostructures. <i>Applied Surface Science</i> , 2019, 481, 234-240.	6.1	4
3	Extreme dielectric non-linearities at the convergence point in Ba <sub>1-x</sub> Ca <sub>x</sub> Ti <sub>1-x</sub> Zr <sub>x</sub> O <sub>3</sub> thin films. <i>Journal of Alloys and Compounds</i> , 2018, 747, 366-373.	5.5	6
4	Cyclable and non-volatile electric field control of magnetism in BiFeO <sub>3</sub> based magnetoelectric heterostructures. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	9
5	Laser fluence and spot size effect on compositional and structural properties of BiFeO <sub>3</sub> thin films grown by Pulsed Laser Deposition. <i>Thin Solid Films</i> , 2017, 634, 107-111.	1.8	13
6	Flexible Organic/Inorganic Hybrid Field-Effect Transistors with High Performance and Operational Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 573-584.	8.0	32
7	Nonlinear piezoelectric properties of epitaxial BaTiO <sub>3</sub> thin film. <i>Ferroelectrics</i> , 2017, 514, 9-18.	0.6	3
8	Tunability, dielectric, and piezoelectric properties of Ba(1-x)Ca <sub>x</sub> Ti(1-y)Zr <sub>y</sub> O <sub>3</sub> ferroelectric thin films. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	17
9	Fabrication of high performance field-effect transistors and practical Schottky contacts using hydrothermal ZnO nanowires. <i>Nanotechnology</i> , 2015, 26, 355704.	2.6	25
10	Enhancement of piezoelectric response in Ga doped BiFeO <sub>3</sub> epitaxial thin films. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	12
11	Artificial chemical and magnetic structure at the domain walls of an epitaxial oxide. <i>Nature</i> , 2014, 515, 379-383.	27.8	146
12	Control of ferroelectricity and magnetism in multi-ferroic BiFeO <sub>3</sub> by epitaxial strain. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20120438.	3.4	32
13	Strain dependence of polarization and piezoelectric response in epitaxial BiFeO <sub>3</sub> thin films. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 162202.	1.8	66
14	Room Temperature Electrical Manipulation of Giant Magnetoresistance in Spin Valves Exchange-Biased with BiFeO <sub>3</sub> . <i>Nano Letters</i> , 2012, 12, 1141-1145.	9.1	157
15	Influence of strain on the electronic structure of the TbMnO <sub>3</sub> /SrTiO <sub>3</sub> epitaxial interface. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	9
16	Double-brush Langmuir-Blodgett monolayers of $\alpha$ -helical diblock copolypeptides. <i>Polymer</i> , 2010, 51, 1042-1055.	3.8	11
17	Long-range order of Ni <sup>2+</sup> and Mn <sup>4+</sup> and ferromagnetism in multiferroic (Bi <sub>0.9</sub> La <sub>0.1</sub> ) <sub>2</sub> NiMnO <sub>6</sub> thin films. <i>Journal of Applied Physics</i> , 2010, 108, 123907.	2.5	15
18	Tuning the atomic and domain structure of epitaxial films of multiferroic $\text{BiFeO}_3$ <i>Physical Review B</i> , 2010, 81, .	3.2	77

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19	Epitaxial TbMnO <sub>3</sub> thin films on SrTiO <sub>3</sub> substrates: a structural study. Journal of Physics Condensed Matter, 2009, 21, 182001.	1.8	71
20	Nanoscale domain evolution in thin films of multiferroic $TbMnO_3$ . Physical Review B, 2009, 80, .	3.2	47
21	Ferromagnetism and increased ionicity in epitaxially grown TbMnO <sub>3</sub> films. Physical Review B, 2009, 79, .	3.2	58