

Carmen M Fernández-Posada

List of Publications by Year in descending order

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13
papers

203
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1478505

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1281871

11
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docs citations

13
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel perovskite oxide chemically designed to show multiferroic phase boundary with room-temperature magnetoelectricity. <i>Nature Communications</i> , 2016, 7, 12772.	12.8	68
2	Multiferroism and enhancement of material properties across the morphotropic phase boundary of BiFeO ₃ -PbTiO ₃ . <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	66
3	Mechanosynthesis and multiferroic properties of the BiFeO ₃ -BiMnO ₃ -PbTiO ₃ ternary system along its morphotropic phase boundary. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2255-2265.	5.5	29
4	The Polar/Antipolar Phase Boundary of BiMnO ₃ -BiFeO ₃ -PbTiO ₃ : Interplay among Crystal Structure, Point Defects, and Multiferroism. <i>Advanced Functional Materials</i> , 2018, 28, 1802338.	14.9	10
5	Routes towards manufacturing biodegradable electronics with polycaprolactone (PCL) via direct light writing and electroless plating. <i>Flexible and Printed Electronics</i> , 2022, 7, 025006.	2.7	10
6	Multiferroic Aurivillius Bi ₄ Ti ₂ Mn _x Fe _{0.5} Nb _{0.5} O ₁₂ (<i>n</i> = 3) compounds with tailored magnetic interactions. <i>Dalton Transactions</i> , 2021, 50, 17062-17074.	3.3	6
7	Magnetoelastic properties of multiferroic hexagonal ErMnO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 554, 169277.	2.3	6
8	Order-disorder, ferroelasticity and mobility of domain walls in multiferroic Cu-Cl boracite. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 095402.	1.8	3
9	Perovskite solid solutions with multiferroic morphotropic phase boundaries and property enhancement. <i>Journal of Advanced Dielectrics</i> , 2016, 06, 1630004.	2.4	2
10	Analysis of commercial glasses with different strengthening treatments: Emphasis on the tin side, defects, structure connectivity and cracking behavior. <i>Journal of Non-Crystalline Solids</i> , 2019, 518, 1-9.	3.1	2
11	Delicate Balance among Three Ferroic Polymorphic Phases in BiFeO ₃ -BiMnO ₃ -PbTiO ₃ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 13063-13073.	3.1	1
12	Role of magnetic ordering in the phase coexistence at the structural instability of the multiferroic BiFeO ₃ -PbTiO ₃ . <i>Applied Physics Letters</i> , 2021, 118, 052901.	3.3	0
13	Influence of charged walls and defects on DC resistivity and dielectric relaxations in Cu-Cl boracite. <i>Applied Physics Letters</i> , 2021, 119, 202904.	3.3	0