

# Carmen M Fernández-Posada

## List of Publications by Year in descending order

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13  
papers

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1478505

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1281871

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docs citations

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times ranked

341  
citing authors

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