

Laura LÃ³pez-Mir

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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1040056

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all docs

13
docs citations

13
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Mapping of Phase Separation across the Metal-Insulator Transition of NdNiO ₃ . Nano Letters, 2018, 18, 2226-2232.	9.1	42
2	Strain-induced perpendicular magnetic anisotropy in La ₂ CoMnO ₆ thin films and its dependence on film thickness. Physical Review B, 2016, 93, .	3.2	25
3	Communication: Growing room temperature ice with graphene. Journal of Chemical Physics, 2013, 138, 121101.	3.0	24
4	Giant reversible nanoscale piezoresistance at room temperature in Sr ₂ IrO ₄ thin films. Nanoscale, 2015, 7, 3453-3459.	5.6	24
5	Engineering the microstructure and magnetism of La ₂ CoMnO ₆ thin films by tailoring oxygen stoichiometry. Applied Physics Letters, 2014, 105, .	3.3	22
6	Spontaneous in-flight assembly of magnetic nanoparticles into macroscopic chains. Nanoscale, 2019, 11, 14194-14202.	5.6	20
7	Magnetic anisotropy and valence states in $L_{1-x}C_x$	3.2	15
8	Nonstoichiometry Driven Ferromagnetism in Double Perovskite La ₂ Ni _{1-x} Mn _{1+x} O ₆ Insulating Thin Films. Crystal Growth and Design, 2019, 19, 2765-2771.	3.0	14
9	Prominent local transport in silicon carbide composites containing in-situ synthesized three-dimensional graphene networks. Journal of the European Ceramic Society, 2016, 36, 3073-3081.	5.7	10
10	Formation of Self-Organized Mn ₃ O ₄ Nano-inclusions in LaMnO ₃ Films. Frontiers in Physics, 2016, 4, .	2.1	9
11	Micro and nano-patterning of single-crystal diamond by swift heavy ion irradiation. Diamond and Related Materials, 2016, 69, 1-7.	3.9	9
12	Bipolar resistive switching on TiO ₂ /Au by conducting Atomic Force Microscopy. Materials Today: Proceedings, 2019, 14, 100-103.	1.8	1
13	Growth Instabilities as a Source of Surface Chemical Structuration in Functional Perovskite Thin Films. Crystal Growth and Design, 2016, 16, 5479-5486.	3.0	0