

Daniele Preziosi

List of Publications by Year in descending order

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20
docs citations

20
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868
citing authors

#	ARTICLE	IF	CITATIONS
1	Crossover of conduction mechanism in Sr ₂ IrO ₄ epitaxial thin films. Applied Physics Letters, 2014, 105, .	3.3	59
2	Electric-Field Control of the Orbital Occupancy and Magnetic Moment of a Transition-Metal Oxide. Physical Review Letters, 2015, 115, 157401.	7.8	51
3	Direct Mapping of Phase Separation across the Metal-Insulator Transition of NdNiO ₃ . Nano Letters, 2018, 18, 2226-2232.	9.1	42
4	Reproducibility and off-stoichiometry issues in nickelate thin films grown by pulsed laser deposition. AIP Advances, 2017, 7, .	1.3	30
5	Origin of the orbital and spin ordering in rare-earth titanates. Physical Review B, 2017, 96, .	3.2	30
6	Dual gate control of bulk transport and magnetism in the spin-orbit insulator $Sr_{2-x}Ir_{2-x}O_{7-x}$. Physical Review B, 2015, 91, .	3.2	27
7	Tailoring the interfacial magnetic anisotropy in multiferroic field-effect devices. Physical Review B, 2014, 90, .	3.2	24
8	A Living-Dead Magnetic Layer at the Surface of Ferrimagnetic DyTiO ₃ Thin Films. Advanced Materials, 2018, 30, e1707489.	21.0	15
9	Electronic transport in (La,Sr)MnO ₃ -ferroelectric-(La,Sr)MnO ₃ epitaxial structures. Journal of Applied Physics, 2013, 113, .	2.5	14
10	Multiferroic PbZr _x Ti _{1-x} O ₃ /Fe ₃ O ₄ epitaxial sub-micron sized structures. Applied Physics Letters, 2012, 100, 102903.	3.3	13
11	Microstructure and properties of epitaxial Sr ₂ FeMoO ₆ films containing SrMoO ₄ precipitates. Journal of Materials Science, 2015, 50, 3131-3138.	3.7	13
12	Imaging and Harnessing Percolation at the Metal-Insulator Transition of NdNiO ₃ Nanogaps. Nano Letters, 2019, 19, 7801-7805.	9.1	12
13	Ultrathin regime growth of atomically flat multiferroic gallium ferrite films with perpendicular magnetic anisotropy. Physical Review Materials, 2019, 3, .	2.4	10
14	In-plane tunnelling field-effect transistor integrated on Silicon. Scientific Reports, 2015, 5, 14367.	3.3	7
15	Non-auxetic/auxetic transitions inducing modifications of the magnetic anisotropy in CoFe ₂ O ₄ thin films. Journal of Alloys and Compounds, 2020, 836, 155425.	5.5	6
16	Coherent Fe-rich nano-scale perovskite oxide phase in epitaxial Sr ₂ FeMoO ₆ films grown on cubic and scandate substrates. Journal of Applied Physics, 2017, 121, .	2.5	5
17	Spin Current Transport in Hybrid Pt/Multifunctional Magnetolectric Ga _{0.6} Fe _{1.4} O ₃ Bilayers. ACS Applied Electronic Materials, 2021, 3, 4433-4440.	4.3	4
18	Interface-mediated ferroelectric patterning and Mn valency in nano-structured PbTiO ₃ /La _{0.7} Sr _{0.3} MnO ₃ . Journal of Applied Physics, 2016, 120, 095304.	2.5	0