

Ludi Miao

List of Publications by Year in descending order

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19
papers

344
citations

840119

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19
docs citations

19
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal insulator transition with ferrimagnetic order in epitaxial thin films of spinel NiCo ₂ O ₄ . Applied Physics Letters, 2012, 100, .	1.5	79
2	Thickness dependent structural, magnetic, and electronic properties of the epitaxial films of transparent conducting oxide NiCo ₂ O ₄ . Journal of Applied Physics, 2013, 114, .	1.1	49
3	Anisotropic magneto-transport properties of electron gases at SrTiO ₃ (111) and (110) surfaces. Applied Physics Letters, 2016, 109, .	1.5	34
4	Demystifying the growth of superconducting Sr ₂ RuO ₄ thin films. APL Materials, 2018, 6, .	2.2	33
5	Epitaxial strain effect on the J_x $1/2$ moment orientation in Sr ₂ RuO ₄ . Applied Physics Letters, 2012, 100, 052401.	1.1	32
6	Itinerant ferromagnetism and geometrically suppressed metal-insulator transition in epitaxial thin films of Ca ₂ RuO ₄ . Applied Physics Letters, 2012, 100, 052401.	1.5	15
7	Strain relaxation induced transverse resistivity anomalies in SrRuO ₃ thin films. Physical Review B, 2020, 102, .	1.1	15
8	Adsorption-controlled growth and properties of epitaxial SnO films. Physical Review Materials, 2019, 3, .	0.9	15
9	Synthesis of Submicrometer Hollow Particles with a Nanoscale Double-Layer Shell Structure. Langmuir, 2012, 28, 13783-13787.	1.6	14
10	Strong lattice correlation of non-equilibrium quasiparticles in a pseudospin- $1/2$ Mott insulator Sr ₂ IrO ₄ . Scientific Reports, 2016, 6, 19302.	1.6	13
11	Epitaxial strain effect on transport properties in Ca ₂ RuO ₄ . Applied Physics Letters, 2012, 100, 052401.	1.1	11
12	Role of spinel substrate in the morphology of BiFeO ₃ -CoFe ₂ O ₄ epitaxial nanocomposite films. Applied Physics Letters, 2011, 99, .	1.5	10
13	Ferroelectric properties of ion-irradiated bismuth ferrite layers grown via molecular-beam epitaxy. APL Materials, 2019, 7, .	2.2	10
14	Quantum oscillations and quasiparticle properties of thin film Sr ₂ RuO ₄ . Physical Review B, 2021, 104, .	2.2	4
15	Disentangling types of lattice disorder impacting superconductivity in Sr ₂ RuO ₄ by quantitative local probes. APL Materials, 2022, 10, .	2.2	4
16	Coherent in-plane tensile strain in perovskite Ba _{0.8} Sr _{0.2} TiO ₃ films on spinel MgAl ₂ O ₄ substrates. Applied Physics Letters, 2012, 100, 032902.	1.5	2
17	Modulations in structural and ferroelectric properties due to tensile strain in BiFeO ₃ films on MgAl ₂ O ₄ substrates induced by thermal-expansion. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 685-688.	1.7	2
18	The current-induced electroresistance in strain-modulated Pr _{0.5} Sr _{0.5} MnO ₃ film. AIP Advances, 2018, 8, .	0.6	2

#	ARTICLE	IF	CITATIONS
19	Thin-film growth and structural characterization of a novel layered iridate $\text{Ba}_7\text{Ir}_3\text{O}_{13+\delta}$. Semiconductor Science and Technology, 2019, 34, 025002.	1.0	0