

Ludi Miao

List of Publications by Year in descending order

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19
papers

344
citations

840776

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839539

18
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19
docs citations

19
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	Disentangling types of lattice disorder impacting superconductivity in Sr ₂ RuO ₄ by quantitative local probes. APL Materials, 2022, 10, .	5.1	4
2	Quantum oscillations and quasiparticle properties of thin film Sr_2RuO_4 . Physical Review B, 2021, 104, .	5.1	4
3	Strain relaxation induced transverse resistivity anomalies in $\text{Sr}_3\text{Ru}_2\text{O}_{10}$ thin films. Physical Review B, 2020, 102, .	3.2	15
4	Ferroelectric properties of ion-irradiated bismuth ferrite layers grown via molecular-beam epitaxy. APL Materials, 2019, 7, .	5.1	10
5	Thin-film growth and structural characterization of a novel layered iridate $\text{Ba}_7\text{Ir}_3\text{O}_{13}$. Semiconductor Science and Technology, 2019, 34, 025002.	2.0	0
6	Adsorption-controlled growth and properties of epitaxial SnO films. Physical Review Materials, 2019, 3, .	2.4	15
7	The current-induced electroresistance in strain-modulated Pr _{0.5} Sr _{0.5} MnO ₃ film. AIP Advances, 2018, 8, .	1.3	2
8	Demystifying the growth of superconducting Sr ₂ RuO ₄ thin films. APL Materials, 2018, 6, .	5.1	33
9	Strong lattice correlation of non-equilibrium quasiparticles in a pseudospin-1/2 Mott insulator Sr ₂ IrO ₄ . Scientific Reports, 2016, 6, 19302.	3.3	13
10	Anisotropic magneto-transport properties of electron gases at SrTiO ₃ (111) and (110) surfaces. Applied Physics Letters, 2016, 109, .	3.3	34
11	Epitaxial strain effect on the J_z $1/2$ moment orientation in Sr $\text{Ca}_{1-x}\text{Mn}_x\text{O}_3$. Physical Review B, 2015, 92, 040401.	3.2	32
12	Epitaxial strain effect on transport properties in $\text{Ca}_{1-x}\text{Mn}_x\text{O}_3$. Physical Review B, 2015, 92, 040401.	3.2	11
13	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, .	2.5	49
14	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.	3.3	2
15	Metal insulator transition with ferrimagnetic order in epitaxial thin films of spinel NiCo ₂ O ₄ . Applied Physics Letters, 2012, 100, .	3.3	79
16	Synthesis of Submicrometer Hollow Particles with a Nanoscale Double-Layer Shell Structure. Langmuir, 2012, 28, 13783-13787.	3.5	14
17	Itinerant ferromagnetism and geometrically suppressed metal-insulator transition in epitaxial thin films of Ca_2RuO_4 . Applied Physics Letters, 2012, 100, 052401.	3.3	15
18	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.	3.5	2

#	ARTICLE	IF	CITATIONS
19	Role of spinel substrate in the morphology of BiFeO ₃ -CoFe ₂ O ₄ epitaxial nanocomposite films. Applied Physics Letters, 2011, 99, .	3.3	10