

# Ludi Miao

## List of Publications by Year in descending order

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19  
papers

344  
citations

840776

11  
h-index

839539

18  
g-index

19  
all docs

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 <sub>2</sub> O <sub>4</sub> . Applied Physics Letters, 2012, 100, .	3.3	79
2	Thickness dependent structural, magnetic, and electronic properties of the epitaxial films of transparent conducting oxide NiCo <sub>2</sub> O <sub>4</sub> . Journal of Applied Physics, 2013, 114, .	2.5	49
3	Anisotropic magneto-transport properties of electron gases at SrTiO <sub>3</sub> (111) and (110) surfaces. Applied Physics Letters, 2016, 109, .	3.3	34
4	Demystifying the growth of superconducting Sr <sub>2</sub> RuO <sub>4</sub> thin films. APL Materials, 2018, 6, . <a href="#">Epitaxial strain effect on the</a>	5.1	33
5	<a href="#">1/2 moment orientation in Sr</a> xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"><math>J</math> xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"><math>= 1/2</math> xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"><math>O</math> xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"><math>IrO</math> xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"><math>4</math> xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"><math>4</math>	3.2	32
6	Itinerant ferromagnetism and geometrically suppressed metal-insulator transition in epitaxial thin films of Ca <sub>2</sub> RuO <sub>4</sub> . Applied Physics Letters, 2012, 100, 052401.	3.3	15
7	Strain relaxation induced transverse resistivity anomalies in SrRuO <sub>3</sub> thin films. Physical Review B, 2020, 102, .	3.2	15
8	Adsorption-controlled growth and properties of epitaxial SnO films. Physical Review Materials, 2019, 3, .	2.4	15
9	Synthesis of Submicrometer Hollow Particles with a Nanoscale Double-Layer Shell Structure. Langmuir, 2012, 28, 13783-13787.	3.5	14
10	Strong lattice correlation of non-equilibrium quasiparticles in a pseudospin-1/2 Mott insulator Sr <sub>2</sub> IrO <sub>4</sub> . Scientific Reports, 2016, 6, 19302. <a href="#">Epitaxial strain effect on transport properties in Ca</a>	3.3	13
11	<a href="#">xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"&gt;&lt;math&gt;Sr&lt;/math&gt; xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"&gt;&lt;math&gt;x&lt;/math&gt; xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"&gt;&lt;math&gt;RuO&lt;/math&gt;</a>	3.2	11
12	Role of spinel substrate in the morphology of BiFeO <sub>3</sub> -CoFe <sub>2</sub> O <sub>4</sub> epitaxial nanocomposite films. Applied Physics Letters, 2011, 99, .	3.3	10
13	Ferroelectric properties of ion-irradiated bismuth ferrite layers grown via molecular-beam epitaxy. APL Materials, 2019, 7, .	5.1	10
14	Quantum oscillations and quasiparticle properties of thin film xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"><math>Sr</math> xlink:href="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: small;"><math>2</math>	3.2	10
15	Disentangling types of lattice disorder impacting superconductivity in Sr <sub>2</sub> RuO <sub>4</sub> by quantitative local probes. APL Materials, 2022, 10, .	5.1	4
16	Coherent in-plane tensile strain in perovskite Ba <sub>0.8</sub> Sr <sub>0.2</sub> TiO <sub>3</sub> films on spinel MgAl <sub>2</sub> O <sub>4</sub> substrates. Applied Physics Letters, 2012, 100, 032902.	3.3	2
17	Modulations in structural and ferroelectric properties due to tensile strain in BiFeO <sub>3</sub> films on MgAl <sub>2</sub> O <sub>4</sub> substrates induced by thermal-expansion. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 685-688.	3.5	2
18	The current-induced electroresistance in strain-modulated Pr <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> film. AIP Advances, 2018, 8, .	1.3	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.	2.0	0