

Yali Xie

List of Publications by Year in descending order

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24
papers

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citations

840776

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all docs

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docs citations

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times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments on the magnetic and electrical transport properties of FeRh- and Rh-based heterostructures. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 144004.	1.8	2
2	Magnetocrystalline anisotropy of epitaxially grown FeRh/MgO(001) films. <i>Journal of Alloys and Compounds</i> , 2022, 917, 165566.	5.5	1
3	Anisotropic coercivity and the effects of interlayer exchange coupling in CoFeB/FeRh bilayers. <i>Physical Review B</i> , 2021, 103, .	3.2	8
4	Electric Field Control of Magnetic Properties by Means of Li ⁺ Migration in FeRh Thin Film. <i>Magnetochemistry</i> , 2021, 7, 45.	2.4	1
5	Mechanical Analysis and Experimental Studies of the Transverse Strain in Wrinkled Metallic Thin Films. <i>Metals</i> , 2021, 11, 427.	2.3	1
6	Magnetocrystalline anisotropy imprinting of an antiferromagnet on an amorphous ferromagnet in FeRh/CoFeB heterostructures. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	18
7	Preparation and magnetic properties of wrinkled FeRh flexible films. <i>AIP Advances</i> , 2020, 10, 025327.	1.3	3
8	Stress-coefficient of magnetoelastic anisotropy in flexible Fe, Co and Ni thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 505, 166750.	2.3	8
9	Magnetoelastic anisotropy of antiferromagnetic materials. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	12
10	Electric field control of magnetic properties in FeRh/PMN-PT heterostructures. <i>AIP Advances</i> , 2018, 8, .	1.3	19
11	Manipulate the magnetic anisotropy of nanoparticle assemblies in arrays. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 14-22.	9.4	12
12	Effect of epitaxial strain and lattice mismatch on magnetic and transport behaviors in metamagnetic FeRh thin films. <i>AIP Advances</i> , 2017, 7, .	1.3	24
13	Magnetic anisotropy and high-frequency property of flexible FeCoTa films obliquely deposited on a wrinkled topography. <i>Scientific Reports</i> , 2017, 7, 2837.	3.3	23
14	Surface morphology and magnetic property of wrinkled FeGa thin films fabricated on elastic polydimethylsiloxane. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	26
15	Anisotropic field-induced melting of orbital ordered structure in Pr _{0.6} Ca _{0.4} MnO ₃ . <i>Physical Review B</i> , 2015, 91, .	3.2	7
16	Thermally assisted electric field control of magnetism in flexible multiferroic heterostructures. <i>Scientific Reports</i> , 2015, 4, 6925.	3.3	12
17	Electric-field control of magnetic anisotropy in Fe ₈₁ Ga ₁₉ /BaTiO ₃ heterostructure films. <i>AIP Advances</i> , 2014, 4, 117113.	1.3	14
18	Anomalous anisotropic magnetoresistance effects in graphene. <i>AIP Advances</i> , 2014, 4, 097101.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Positive temperature coefficient of magnetic anisotropy in polyvinylidene fluoride (PVDF)-based magnetic composites. Scientific Reports, 2014, 4, 6615.	3.3	34
20	Anisotropic magnetoresistance in epitaxial $\text{La}_{0.67}(\text{Ca}_{1-x}\text{Sr}_x)\text{MnO}_3$ films. Journal of Applied Physics, 2013, 113, 17C722.	2.5	7
21	Magnetic field induced polarization and magnetoelectric effect of $\text{Ba}_{0.8}\text{Ca}_{0.2}\text{TiO}_3\text{-Ni}_{0.2}\text{Cu}_{0.3}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ nanomultiferroic. Journal of Applied Physics, 2013, 113, .	2.5	37
22	Strain induced tunable anisotropic magnetoresistance in $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3/\text{BaTiO}_3$ heterostructures. Journal of Applied Physics, 2013, 113, 17C716.	2.5	9
23	Tunable photovoltaic effects in transparent $\text{Pb}(\text{Zr}_{0.53}\text{Ti}_{0.47})\text{O}_3$ capacitors. Applied Physics Letters, 2012, 100, .	3.3	58
24	Observation of Atomic Order Engineered Martensitic Transformation in $\text{Ni}_{45}\text{Co}_5\text{Mn}_{37}\text{In}_{13}$ Metamagnetic Shape Memory Alloys. Advanced Engineering Materials, 0, , 2100711.	3.5	0