

Yali Xie

List of Publications by Year in descending order

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24
papers

342
citations

840776

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docs citations

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times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable photovoltaic effects in transparent Pb(Zr _{0.53} Ti _{0.47})O ₃ capacitors. Applied Physics Letters, 2012, 100, .	3.3	58
2	Magnetic field induced polarization and magnetoelectric effect of Ba _{0.8} Ca _{0.2} TiO ₃ -Ni _{0.2} Cu _{0.3} Zn _{0.5} Fe ₂ O ₄ nanomultiferroic. Journal of Applied Physics, 2013, 113, .	2.5	37
3	Positive temperature coefficient of magnetic anisotropy in polyvinylidene fluoride (PVDF)-based magnetic composites. Scientific Reports, 2014, 4, 6615.	3.3	34
4	Surface morphology and magnetic property of wrinkled FeGa thin films fabricated on elastic polydimethylsiloxane. Applied Physics Letters, 2016, 108, .	3.3	26
5	Effect of epitaxial strain and lattice mismatch on magnetic and transport behaviors in metamagnetic FeRh thin films. AIP Advances, 2017, 7, .	1.3	24
6	Magnetic anisotropy and high-frequency property of flexible FeCoTa films obliquely deposited on a wrinkled topography. Scientific Reports, 2017, 7, 2837.	3.3	23
7	Electric field control of magnetic properties in FeRh/PMN-PT heterostructures. AIP Advances, 2018, 8, .	1.3	19
8	Magnetocrystalline anisotropy imprinting of an antiferromagnet on an amorphous ferromagnet in FeRh/CoFeB heterostructures. NPG Asia Materials, 2020, 12, .	7.9	18
9	Electric-field control of magnetic anisotropy in Fe ₈₁ Ga ₁₉ /BaTiO ₃ heterostructure films. AIP Advances, 2014, 4, 117113.	1.3	14
10	Thermally assisted electric field control of magnetism in flexible multiferroic heterostructures. Scientific Reports, 2015, 4, 6925.	3.3	12
11	Manipulate the magnetic anisotropy of nanoparticle assemblies in arrays. Journal of Colloid and Interface Science, 2017, 497, 14-22.	9.4	12
12	Magnetoelastic anisotropy of antiferromagnetic materials. Applied Physics Letters, 2019, 115, .	3.3	12
13	Strain induced tunable anisotropic magnetoresistance in La _{0.67} Ca _{0.33} MnO ₃ /BaTiO ₃ heterostructures. Journal of Applied Physics, 2013, 113, 17C716.	2.5	9
14	Stress-coefficient of magnetoelastic anisotropy in flexible Fe, Co and Ni thin films. Journal of Magnetism and Magnetic Materials, 2020, 505, 166750.	2.3	8
15	Anisotropic coercivity and the effects of interlayer exchange coupling in CoFeB/FeRh bilayers. Physical Review B, 2021, 103, .	3.2	8
16	Anisotropic magnetoresistance in epitaxial La _{0.67} (Ca _{1-x} Sr _x) _{0.33} MnO ₃ films. Journal of Applied Physics, 2013, 113, 17C722.	2.5	7
17	Anisotropic field-induced melting of orbital ordered structure in Pr _{0.6} Ca _{0.4} MnO ₃ . Physical Review B, 2015, 91, .	3.2	7
18	Anomalous anisotropic magnetoresistance effects in graphene. AIP Advances, 2014, 4, 097101.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Preparation and magnetic properties of wrinkled FeRh flexible films. AIP Advances, 2020, 10, 025327.	1.3	3
20	Recent developments on the magnetic and electrical transport properties of FeRh- and Rh-based heterostructures. Journal of Physics Condensed Matter, 2022, 34, 144004.	1.8	2
21	Electric Field Control of Magnetic Properties by Means of Li+ Migration in FeRh Thin Film. Magnetochemistry, 2021, 7, 45.	2.4	1
22	Mechanical Analysis and Experimental Studies of the Transverse Strain in Wrinkled Metallic Thin Films. Metals, 2021, 11, 427.	2.3	1
23	Magnetocrystalline anisotropy of epitaxially grown FeRh/MgO(001) films. Journal of Alloys and Compounds, 2022, 917, 165566.	5.5	1
24	Observation of Atomic Order Engineered Martensitic Transformation in Ni ₄₅ Co ₅ Mn ₃₇ In ₁₃ Metamagnetic Shape Memory Alloys. Advanced Engineering Materials, 0, , 2100711.	3.5	0