

Xiao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

213
citations

1163117

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1372567

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11
all docs

11
docs citations

11
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and electronic origin of the magnetic structures in hexagonal LuFeO_3 . Physical Review B, 2014, 90, .	3.2	38
2	Room temperature ferroelectricity in continuous croconic acid thin films. Applied Physics Letters, 2016, 109, .	3.3	33
3	Tuning the Néel Temperature of Hexagonal Ferrites by Structural Distortion. Physical Review Letters, 2018, 121, 237203.	7.8	29
4	Electronic structure and direct observation of ferrimagnetism in multiferroic hexagonal YbFeO_3 . Physical Review B, 2017, 95, .	3.2	27
5	Quantifying chiral exchange interaction for Néel-type skyrmions via Lorentz transmission electron microscopy. Physical Review B, 2019, 99, .	3.2	21
6	On the structural origin of the single-ion magnetic anisotropy in LuFeO_3 . Journal of Physics Condensed Matter, 2016, 28, 156001.	1.8	20
7	Tunable spin-state bistability in a spin crossover molecular complex. Journal of Physics Condensed Matter, 2019, 31, 315401.	1.8	18
8	Effects of biaxial strain on the improper multiferroicity in LuFeO_3 films studied using the restrained thermal expansion method. Physical Review B, 2017, 95, .	3.2	14
9	Time-resolved photoemission electron microscopy imaging of mode coupling between three interacting magnetic vortices. Applied Physics Letters, 2014, 105, 102408.	3.3	7
10	A comparison of numerical simulations and analytical theory of the dynamics of interacting magnetic vortices. Journal of Applied Physics, 2015, 117, 123916.	2.5	6
11	Probing exchange bias at the surface of a doped ferrimagnetic insulator. Physical Review Materials, 2021, 5, .	2.4	0