

Yong Liu

List of Publications by Year in descending order

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14
papers

137
citations

1684188

5
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1199594

12
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14
all docs

14
docs citations

14
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive scenario for single-crystal growth and doping dependence of resistivity and anisotropic upper critical fields in $(\text{Ba}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$. <i>Physical Review B</i> , 2019, 99, .	3.2	52
2	Crossover in the magnetic response of single-crystalline $(\text{Ba}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$. <i>Physical Review B</i> , 2014, 90, .	3.2	27
3	Crystal growth, microstructure, and physical properties of SrMnSb_2 . <i>Physical Review B</i> , 2019, 99, .	3.2	18
4	Magnetic excitations and anomalous spin-wave broadening in multiferroic FeV_2O_4 . <i>Physical Review B</i> , 2014, 89, .	3.2	10
5	Competition between orthorhombic and re-entrant tetragonal phases in underdoped $(\text{Ba}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$ probed by the response to contr. <i>Physical Review B</i> , 2019, 99, .	3.2	6
6	Spin dynamics in antiferromagnetic oxypnictides and fluoropnictides: LaMnAsO , LaMnSbO , and BaMnAsF . <i>Physical Review B</i> , 2020, 101, .	3.2	5
7	Magnetization reversal driven by electron localization-delocalization crossover in the inverse spinel $(\text{Co}_{1-x}\text{Mn}_x)_2\text{Fe}_4\text{O}_{10}$. <i>Physical Review B</i> , 2022, 105, .	3.2	5
8	Polarized Light Microscopy Study on the Reentrant Phase Transition in a $(\text{Ba}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$ Single Crystal with $x = 0.24$. <i>Crystals</i> , 2016, 6, 142.	2.2	3
9	Hole doping and antiferromagnetic correlations above the $\text{N}(\text{d})_{\text{el}}$ temperature of the topological semimetal $\text{Sr}_2\text{Fe}_3\text{As}_5$. <i>Physical Review B</i> , 2019, 100, .	3.2	1
10	Controlling magnetic order, magnetic anisotropy, and band topology in the semimetals $(\text{Sr}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$ and $(\text{Ba}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$. <i>Physical Review B</i> , 2020, 102, .	3.2	1
11	Mechanical detwinning device for anisotropic resistivity measurements in samples requiring dismounting for particle irradiation. <i>Review of Scientific Instruments</i> , 2020, 91, 073904.	1.3	2
12	Synthesis and characterization of Ca-doped LaMnAsO . <i>Physical Review Materials</i> , 2018, 2, .	2.4	2
13	$(\text{K}_{1-x}\text{Ba}_x)\text{Fe}_2\text{As}_2$: A new portal for the physics of high-purity metals. <i>Physical Review Materials</i> , 2022, 6, .	3.2	0
14	Effect of controlled pointlike disorder induced by 2.5-MeV electron irradiation on the nematic resistivity anisotropy of hole-doped $(\text{Ba},\text{K})\text{Fe}_2\text{As}_2$. <i>Physical Review B</i> , 2020, 102, .	3.2	0