

# Yong Liu

## List of Publications by Year in descending order

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14  
papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetization reversal driven by electron localization-delocalization crossover in the inverse spinel < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mrow> < mml:msub> < mml:mi>Co</mml:mi> < mml:mn>2</mml:mn> </mml:msub> </mml:mrow> Physical Review B, 2022, 105, .	3.2	5
2	< mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mrow> < mml:msub> < mml:mi>KCo</mml:mi> < mml:mn>2</mml:mn> </mml:msub> </mml:mrow> : A new portal for the physics of high-purity metals. Physical Review Materials, 2022, 6, .	3.2	1
3	Mechanical detwinning device for anisotropic resistivity measurements in samples requiring dismounting for particle irradiation. Review of Scientific Instruments, 2020, 91, 073904.	1.3	2
4	Controlling magnetic order, magnetic anisotropy, and band topology in the semimetals < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mrow> < mml:mi>Sr</mml:mi> < mml:mrow> < mml:mn>2</mml:mn> </mml:mrow> < mml:mi>S</mml:mi> and < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mrow> < mml:mi>S</mml:mi> </mml:mrow> Physical Review B, 2020, 102, .	3.2	1
5	Effect of controlled pointlike disorder induced by 2.5-MeV electron irradiation on the nematic resistivity anisotropy of hole-doped (Ba,K)Fe2As2. Physical Review B, 2020, 102, .	3.2	0
6	Spin dynamics in antiferromagnetic oxypnictides and fluoropnictides: LaMnAsO, LaMnSbO, and BaMnAsF. Physical Review B, 2020, 101, .	3.2	5
7	Hole doping and antiferromagnetic correlations above the N <sub>A</sub> temperature of the topological semimetal < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mi>Sr</mml:mi> < mml:mrow> < mml:mn>2</mml:mn> </mml:mrow> < mml:mi>Fe</mml:mi> Physical Review B, 2019, 100, .	3.2	1
8	Crystal growth, microstructure, and physical properties of SrMnSb2. Physical Review B, 2019, 99, .	3.2	18
9	Competition between orthorhombic and re-entrant tetragonal phases in underdoped < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mrow> < mml:msub> < mml:mi>Ba</mml:mi> < mml:mrow> < mml:mn>1</mml:mn> </mml:msub> mathvariant="normal">K</mml:mi> < mml:mi>x</mml:mi> </mml:msub> < mml:msub> < mml:mi>Fe</mml:mi> < mml:mn>2</mml:mn> </mml:msub> </mml:mrow> probed by the response to contr. Physical Review B, 2019, 99, .	3.2	6
10	Synthesis and characterization of Ca-doped LaMnAsO. Physical Review Materials, 2018, 2, .	2.4	2
11	Polarized Light Microscopy Study on the Reentrant Phase Transition in a (Ba1 - xKx)Fe2As2 Single Crystal with x = 0.24. Crystals, 2016, 6, 142.	2.2	3
12	Comprehensive scenario for single-crystal growth and doping dependence of resistivity and anisotropic upper critical fields in (Ba< mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mi>Tj</mml:mi> ETQq0 0 0 rgBT /Overlock 10 Tf 50 317 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mi>Tj</mml:mi> ETQq0 0 0 rgBT /Overlock 10 Tf 50 317 Td Physical Review B, 2014, 89, .	3.2	52
13	Crossover in the magnetic response of single-crystalline < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:msub> < mml:mrow> < mml:mi>Ba</mml:mi> < mml:mrow> < mml:mn>1</mml:mn> </mml:msub> < mml:mi>x</mml:mi> </mml:mrow> mathvariant="normal">K</mml:mi> </mml:mrow> < mml:mi>x</mml:mi> </mml:msub> < mml:msub> < mml:mrow> < mml:mi>Fe</mml:mi> < mml:mn>2</mml:mn> </mml:msub> </mml:mrow> mathvariant="no. Physical Review B, 2014, 90, .	3.2	27
14	Magnetic excitations and anomalous spin-wave broadening in multiferroic FeV2O4. Physical Review B, 2014, 89, .	3.2	10