

# Hui Xing

## List of Publications by Year in descending order

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32  
papers

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citations

840776

11  
h-index

552781

26  
g-index

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all docs

32  
docs citations

32  
times ranked

1352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic Berry phase in the Dirac nodal-line semimetal ZrSiS: The effect of spin-orbit coupling. Physical Review B, 2021, 103, .	3.2	8
2	Signature of electron-magnon Umklapp scattering in L10 FePt probed by thermoelectric measurements. Applied Physics Letters, 2021, 119, 182402.	3.3	1
3	Structural Domain Imaging and Direct Determination of Crystallographic Orientation in Noncentrosymmetric $\text{Ca}_3\text{Ru}_2\text{O}_7$ Using Polarized Light Reflectance*. Chinese Physics Letters, 2020, 37, 106102.	3.3	2
4	Type-I superconductivity in noncentrosymmetric $\text{NbGe}_2$ . Physical Review B, 2020, 102, .	3.2	2
5	Impurity-pinned incommensurate charge density wave and local phonon excitations in $\text{HfTeO}_6$ . Physical Review B, 2020, 101, .	3.2	1
6	Thermoelectric probe of defect state induced by ionic liquid gating in vanadium dioxide. Applied Physics Letters, 2020, 116, 193502.	3.3	2
7	Dimensional reduction and ionic gating induced enhancement of superconductivity in atomically thin crystals of $2\text{H-TaSe}_2$ . Nanotechnology, 2019, 30, 035702.	2.6	17
8	Ion intercalation engineering of electronic properties of two-dimensional crystals of $2\text{H-TaSe}_2$ . Physical Review Materials, 2019, 3, .	2.4	13
9	Partial and partial gap opening in the correlated semimetal $\text{Ca}_3\text{Ru}_2\text{O}_7$ . Physical Review B, 2019, 100, 080402.	3.2	14
10	Lithium ion intercalation in thin crystals of hexagonal $\text{TaSe}_2$ gated by a polymer electrolyte. Applied Physics Letters, 2018, 112, 023502.	3.3	16
11	Angle-dependent magnetoresistance as a sensitive probe of the charge density wave in quasi-one-dimensional semimetal $\text{Ta}_2\text{NiSe}_7$ . Applied Physics Letters, 2018, 113, .	3.3	5
12	Effect of stoichiometry on the superconducting transition temperature in single crystalline $2\text{H-NbS}_2$ . Physica C: Superconductivity and Its Applications, 2017, 538, 27-31.	1.2	8
13	Band dependence of charge density wave in quasi-one-dimensional $\text{Ta}_2\text{NiSe}_7$ probed by orbital magnetoresistance. Applied Physics Letters, 2017, 111, .	3.3	5
14	Probing the intrinsic charge transport in indacenodithiophene-co-benzothiadiazole thin films. AIP Advances, 2017, 7, .	1.3	9
15	Growth mechanism of largescale $\text{MoS}_2$ monolayer by sulfurization of $\text{MoO}_3$ film. Materials Research Express, 2016, 3, 075009.	1.6	42
16	Terahertz Dynamics of a Topologically Protected State: Quantum Hall Effect Plateaus near the Cyclotron Resonance of a Two-Dimensional Electron Gas. Physical Review Letters, 2015, 115, 247401.	7.8	10
17	Realizing chemical codoping in $\text{TiO}_2$ . Physical Chemistry Chemical Physics, 2015, 17, 17989-17994.	2.8	14
18	Overcoming the Trilemma Issues of Ultrahigh Density Perpendicular Magnetic Recording Media by L10-Fe(Co)Pt Materials. Spin, 2015, 05, 1530002.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Possible spin frustration in Nd <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> probed by muon spin relaxation. Journal of Physics Condensed Matter, 2014, 26, 436002.	1.8	4
20	Simultaneous Multiple Wavelength Upconversion in a Core-Shell Nanoparticle for Enhanced Near Infrared Light Harvesting in a Dye-Sensitized Solar Cell. ACS Applied Materials & Interfaces, 2014, 6, 18018-18025.	8.0	77
21	Room Temperature Ferromagnetic (Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>3</sub> BO <sub>5</sub> Nanorods. Nano Letters, 2014, 14, 3914-3918.	9.1	5
22	On the origin of the two thermally driven relaxations in diluted spin ice Dy <sub>1.6</sub> Y <sub>0.4</sub> Ti <sub>2</sub> O <sub>7</sub> . Journal of Physics Condensed Matter, 2013, 25, 046005.	1.8	4
23	Low temperature x-ray diffraction study on phase transitions. Journal of Physics: Conference Series, 2012, 400, 022118.	0.4	0
24	Spin glass instead of superconductivity in Ba(Fe <sub>1-x</sub> Crx/2Nix/2)2As2. Journal of Physics: Conference Series, 2012, 400, 032115.	0.4	2
25	Response to Comment on "Inversed tunneling magnetoresistance in hybrid FePt/Fe <sub>3</sub> O <sub>4</sub> core/shell nanoparticles systems" [J. Appl. Phys. 109, 086101 (2011)]. Journal of Applied Physics, 2011, 109, 086102.	2.5	0
26	Anisotropic paramagnetism of monoclinic Nd <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> single crystals. Journal of Physics Condensed Matter, 2011, 23, 216005.	1.8	14
27	Emergent order in the spin-frustrated system $Dy_{1-x}Co_xTi_2O_7$ . Physical Review B, 2010, 81, .	3.2	12
28	Inversed tunneling magnetoresistance in hybrid FePt/Fe <sub>3</sub> O <sub>4</sub> core/shell nanoparticles systems. Journal of Applied Physics, 2010, 108, .	2.5	12
29	Superconductivity and local-moment magnetism in $Eu_{1-x}Co_xTi_2O_7$ . Physical Review B, 2009, 80, .	3.2	95
30	Superconductivity up to 30 K in the vicinity of the quantum critical point in BaFe <sub>2</sub> (As <sub>1-x</sub> P <sub>x</sub> ) <sub>2</sub> . Journal of Physics Condensed Matter, 2009, 21, 382203.	1.8	262
31	Giant positive magnetoresistance in Co@CoO nanoparticle arrays. Journal of Applied Physics, 2009, 105, 063920.	2.5	8
32	A Simplified Method Characterizing Magnetic Ordering Modulated Photo-Thermoelectric Response in Noncentrosymmetric Semimetal Ca <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Advanced Photonics Research, 0, , 2200029.	3.6	0