

Hui Xing

List of Publications by Year in descending order

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papers

685
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840776

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times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconductivity up to 30 K in the vicinity of the quantum critical point in $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$. Journal of Physics Condensed Matter, 2009, 21, 382203.	1.8	262
2	Superconductivity and local-moment magnetism in $\text{Eu}_{1-x}\text{Ce}_x\text{P}_2$. Physical Review B, 2009, 80, .	3.2	95
3	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
4	Growth mechanism of largescale MoS_2 monolayer by sulfurization of MoO_3 film. Materials Research Express, 2016, 3, 075009.	1.6	42
5	Dimensional reduction and ionic gating induced enhancement of superconductivity in atomically thin crystals of 2H-TaSe_2 . Nanotechnology, 2019, 30, 035702.	2.6	17
6	Lithium ion intercalation in thin crystals of hexagonal TaSe_2 gated by a polymer electrolyte. Applied Physics Letters, 2018, 112, 023502.	3.3	16
7	Anisotropic paramagnetism of monoclinic $\text{Nd}_2\text{Ti}_2\text{O}_7$ single crystals. Journal of Physics Condensed Matter, 2011, 23, 216005.	1.8	14
8	Realizing chemical codoping in TiO_2 . Physical Chemistry Chemical Physics, 2015, 17, 17989-17994.	2.8	14
9	Electron and hole pockets and partial gap opening in the correlated semimetal $\text{Ca}_3\text{Ru}_2\text{O}_{10}$. Physical Review B, 2010, 81, .	3.2	14
10	Ion intercalation engineering of electronic properties of two-dimensional crystals of 2H-TaSe_2 . Physical Review Materials, 2019, 3, .	2.4	13
11	Emergent order in the spin-frustrated system Dy_3Sb_5 . Physical Review B, 2010, 81, .	3.2	12
12	Inversed tunneling magnetoresistance in hybrid $\text{FePt}/\text{Fe}_3\text{O}_4$ core/shell nanoparticles systems. Journal of Applied Physics, 2010, 108, .	2.5	12
13	Type-I superconductivity in noncentrosymmetric NbGe_2 . Physical Review B, 2020, 102, .	2.2	12
14	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
15	Impurity-pinned incommensurate charge density wave and local phonon excitations in Hf_2Te_2 . Physical Review B, 2020, 101, .	3.2	10
16	Probing the intrinsic charge transport in indacenodithiophene-co-benzothiadiazole thin films. AIP Advances, 2017, 7, .	1.3	9
17	Giant positive magnetoresistance in Co@CoO nanoparticle arrays. Journal of Applied Physics, 2009, 105, 063920.	2.5	8
18	Effect of stoichiometry on the superconducting transition temperature in single crystalline 2H-NbS_2 . Physica C: Superconductivity and Its Applications, 2017, 538, 27-31.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Anisotropic Berry phase in the Dirac nodal-line semimetal ZrSiS: The effect of spin-orbit coupling. <i>Physical Review B</i> , 2021, 103, .	3.2	8
20	Room Temperature Ferromagnetic (Fe _{1-x} Co _x) ₃ BO ₅ Nanorods. <i>Nano Letters</i> , 2014, 14, 3914-3918.	9.1	5
21	Band dependence of charge density wave in quasi-one-dimensional Ta ₂ NiSe ₇ probed by orbital magnetoresistance. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	5
22	Angle-dependent magnetoresistance as a sensitive probe of the charge density wave in quasi-one-dimensional semimetal Ta ₂ NiSe ₇ . <i>Applied Physics Letters</i> , 2018, 113, .	3.3	5
23	On the origin of the two thermally driven relaxations in diluted spin ice Dy _{1.6} Y _{0.4} Ti ₂ O ₇ . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 046005.	1.8	4
24	Possible spin frustration in Nd ₂ Ti ₂ O ₇ probed by muon spin relaxation. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 436002.	1.8	4
25	Spin glass instead of superconductivity in Ba(Fe _{1-x} Crx/2Nix/2)2As ₂ . <i>Journal of Physics: Conference Series</i> , 2012, 400, 032115.	0.4	2
26	Overcoming the Trilemma Issues of Ultrahigh Density Perpendicular Magnetic Recording Media by L10-Fe(Co)Pt Materials. <i>Spin</i> , 2015, 05, 1530002.	1.3	2
27	Structural Domain Imaging and Direct Determination of Crystallographic Orientation in Noncentrosymmetric Ca ₃ Ru ₂ O ₇ Using Polarized Light Reflectance*. <i>Chinese Physics Letters</i> , 2020, 37, 106102.	3.3	2
28	Thermoelectric probe of defect state induced by ionic liquid gating in vanadium dioxide. <i>Applied Physics Letters</i> , 2020, 116, 193502.	3.3	2
29	Signature of electron-magnon Umklapp scattering in L10 FePt probed by thermoelectric measurements. <i>Applied Physics Letters</i> , 2021, 119, 182402.	3.3	1
30	Response to Comment on "Inversed tunneling magnetoresistance in hybrid FePt/Fe ₃ O ₄ core/shell nanoparticles systems" [J. Appl. Phys. 109, 086101 (2011)]. <i>Journal of Applied Physics</i> , 2011, 109, 086102.	2.5	0
31	Low temperature x-ray diffraction study on phase transitions. <i>Journal of Physics: Conference Series</i> , 2012, 400, 022118.	0.4	0
32	A Simplified Method Characterizing Magnetic Ordering Modulated Photo-Thermoelectric Response in Noncentrosymmetric Semimetal Ca ₃ Ru ₂ O ₇ . <i>Advanced Photonics Research</i> , 0, , 2200029.	3.6	0