

Chang-Jiang Yi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3668922/publications.pdf>

Version: 2024-02-01

47
papers

1,516
citations

331670

21
h-index

315739

38
g-index

48
all docs

48
docs citations

48
times ranked

2248
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental evidence for field-induced metamagnetic transition of EuCd ₂ As ₂ . Journal of Rare Earths, 2022, 40, 1606-1610.	4.8	4
2	The discovery of a superhard P-type transparent semiconductor: Al _{2.69} B ₅₀ . Materials Horizons, 2022, 9, 748-755.	12.2	3
3	Electronic nature of charge density wave and electron-phonon coupling in kagome superconductor KV ₃ Sb ₅ . Nature Communications, 2022, 13, 273.	12.8	124
4	Magnetic structure of the topological semimetal $S_{32}Co_2$. Physical Review B, 2022, 105, .	3.2	9
5	Giant nonlinear anomalous Hall effect induced by spin-dependent band structure evolution. Physical Review Research, 2022, 4, .	3.6	14
6	Spin excitations and spin wave gap in the ferromagnetic Weyl semimetal Co ₃ Sn ₂ S ₂ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	35
7	Superconductivity in centrosymmetric topological superconductor candidate TaC. Superconductor Science and Technology, 2021, 34, 035025.	3.5	16
8	Anisotropic magnetoelastic response in the magnetic Weyl semimetal Co ₃ Sn ₂ S ₂ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	14
9	Discovery of \hat{C}_2 rotation anomaly in topological crystalline insulator SrPb. Nature Communications, 2021, 12, 2052.	12.8	5
10	Monoclinic $EuSn_2$: A Novel High-Pressure Network Structure. Physical Review Letters, 2021, 126, 155701.	7.8	24
11	Time-Reversal Symmetry Breaking Driven Topological Phase Transition in EuB_6 . Physical Review X, 2021, 11, .	8.9	14
12	Strong-coupling anisotropic s-wave superconductivity in the type-II Weyl semimetal TaIrTe ₄ . Physical Review B, 2021, 103, .	3.2	2
13	Exchange bias and spin-orbit torque in the Fe ₃ GeTe ₂ -based heterostructures prepared by vacuum exfoliation approach. Applied Physics Letters, 2021, 118, .	3.3	27
14	Quantum oscillations, magnetic breakdown and thermal Hall effect in Co ₃ Sn ₂ S ₂ . Journal Physics D: Applied Physics, 2021, 54, 454003.	2.8	12
15	Pressure-driven electronic and structural phase transition in intrinsic magnetic topological insulator $MnSb_8$. Physical Review B, 2021, 104, .	3.2	8
16	Spin-triplet superconductivity in K ₂ Cr ₃ As ₃ . Science Advances, 2021, 7, eabl4432.	10.3	34
17	Topological electronic structure in the antiferromagnet HoSbTe. Physical Review B, 2020, 102, .	3.2	22
18	Many-Body Resonance in a Correlated Topological Kagome Antiferromagnet. Physical Review Letters, 2020, 125, 046401.	7.8	24

#	ARTICLE	IF	CITATIONS
37	K ₂ MnGe ₃ S ₈ : a new multifunctional semiconductor featuring [MnGe ₃ S ₈] ²⁺ layers and demonstrating interesting nonlinear optical response and antiferromagnetic properties. Journal of Materials Chemistry C, 2018, 6, 10042-10049.	5.5	22
38	Inducing Strong Superconductivity in WTe ₂ by a Proximity Effect. ACS Nano, 2018, 12, 7185-7196.	14.6	48
39	Experimental evidence of hourglass fermion in the candidate nonsymmorphic topological insulator KHgSb. Science Advances, 2017, 3, e1602415.	10.3	121
40	Effect of hydrostatic pressure on the superconducting properties of quasi-1D superconductor K ₂ Cr ₃ As ₃ . Journal of Physics Condensed Matter, 2017, 29, 455603.	1.8	8
41	Observation of topological states residing at step edges of WTe ₂ . Nature Communications, 2017, 8, 659.	12.8	129
42	Large negative magnetoresistance of a nearly Dirac material: Layered antimonide EuMnSb_2 . Physical Review B, 2017, 96, .	3.2	50
43	Heavy fermion behavior in the quasi-one-dimensional Kondo lattice CeCo ₂ Ga ₈ . Npj Quantum Materials, 2017, 2, .	5.2	27
44	Raman scattering in the transition-metal dichalcogenides of TaTe_2 . Physical Review B, 2016, 94, .	11.6	66
45	Spin correlations and colossal magnetoresistance in HgCr_2Br_2 . Physical Review B, 2016, 94, .	11.5	15
46	Interplay of Dirac electrons and magnetism in CaMnBi ₂ and SrMnBi ₂ . Nature Communications, 2016, 7, 13833.	12.8	61
47	Raman scattering study of large magnetoresistance semimetals TaAs_2 and NbAs_2 . Physical Review B, 2016, 94, .	3.2	10