

Chang-Jiang Yi

List of Publications by Year in descending order

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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	Observation of topological states residing at step edges of WTe ₂ . Nature Communications, 2017, 8, 659.	12.8	129
2	Dirac nodal surfaces and nodal lines in ZrSiS. Science Advances, 2019, 5, eaau6459.	10.3	125
3	Electronic nature of charge density wave and electron-phonon coupling in kagome superconductor KV3Sb5. Nature Communications, 2022, 13, 273.	12.8	124
4	Spin fluctuation induced Weyl semimetal state in the paramagnetic phase of EuCd ₂ As ₂ . Science Advances, 2019, 5, eaaw4718.	10.3	122
5	Experimental evidence of hourglass fermion in the candidate nonsymmorphic topological insulator KHgSb. Science Advances, 2017, 3, e1602415.	10.3	121
6	Raman scattering in the transition-metal dichalcogenides of $T_xT_yT_z$. Physical Review B, 2016, 94, .	3.2	66
7	Interplay of Dirac electrons and magnetism in CaMnBi ₂ and SrMnBi ₂ . Nature Communications, 2016, 7, 13833.	12.8	61
8	Electronic correlations and flattened band in magnetic Weyl semimetal candidate Co ₃ Sn ₂ S ₂ . Nature Communications, 2020, 11, 3985.	12.8	51
9	Emergence of Nontrivial Low-Energy Dirac Fermions in Antiferromagnetic EuCd ₂ As ₂ . Advanced Materials, 2020, 32, e1907565.	21.0	51
10	Large negative magnetoresistance of a nearly Dirac material: Layered antimonide EuMnS ₂ . Physical Review B, 2017, 96, .	3.2	50
11	Proximity-Induced Superconductivity with Subgap Anomaly in Type II Weyl Semi-Metal WTe ₂ . Nano Letters, 2018, 18, 7962-7968.	9.1	48
12	Inducing Strong Superconductivity in WTe ₂ by a Proximity Effect. ACS Nano, 2018, 12, 7185-7196.	14.6	48
13	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
14	Spin-triplet superconductivity in K ₂ Cr ₃ As ₃ . Science Advances, 2021, 7, eabl4432.	10.3	34
15	Superconductivity and Fermi-surface nesting in the candidate Dirac semimetal NbC. Physical Review B, 2020, 102, .	3.2	29
16	Heavy fermion behavior in the quasi-one-dimensional Kondo lattice CeCo ₂ Ga ₈ . Npj Quantum Materials, 2017, 2, .	5.2	27
17	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
18	Many-Body Resonance in a Correlated Topological Kagome Antiferromagnet. Physical Review Letters, 2020, 125, 046401.	7.8	24

#	ARTICLE	IF	CITATIONS
37	Magnetic structure of the topological semimetal $S\text{Cr}_2\text{As}_3$. Physical Review B, 2022, 105, .	3.2	9
38	Effect of hydrostatic pressure on the superconducting properties of quasi-1D superconductor $\text{K}_2\text{Cr}_3\text{As}_3$. Journal of Physics Condensed Matter, 2017, 29, 455603.	1.8	8
39	Pressure-driven electronic and structural phase transition in intrinsic magnetic topological insulator Mn_2Sb . Physical Review B, 2021, 104, .	3.2	8
40	Realization of low-energy type-II Dirac fermions in $(\text{Ir}^{1\hat{a}}\text{Pt})\text{Tj}$. <i>ETQq</i> 0 0 rgBT /Overlock	1.4	0
41	Electron-phonon coupling and Kohn anomaly due to floating two-dimensional electronic bands on the surface of ZrSiS . Physical Review B, 2019, 100, .	3.2	5
42	Discovery of \hat{C}_2 rotation anomaly in topological crystalline insulator SrPb . Nature Communications, 2021, 12, 2052.	12.8	5
43	Experimental evidence for field-induced metamagnetic transition of EuCd_2As_2 . Journal of Rare Earths, 2022, 40, 1606-1610.	4.8	4
44	The discovery of a superhard P-type transparent semiconductor: $\text{Al}_{2.69}\text{B}_{50}$. Materials Horizons, 2022, 9, 748-755.	12.2	3
45	Magnetic and transport properties of $\text{Zr}^{1\hat{a}}\text{NbCo}_2\text{Sn}$. Journal of Physics Condensed Matter, 2019, 31, 275702.	1.8	2
46	Strong-coupling anisotropic s-wave superconductivity in the type-II Weyl semimetal TaIrTe_4 . Physical Review B, 2021, 103, .	3.2	2
47	Physical properties and magnetic structure of a layered antiferromagnet $\text{PrPd}_{0.82}\text{Bi}_2$. Chinese Physics B, 2020, 29, 067502.	1.4	0