

Chang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

8,167
citations

109137

35
h-index

110170

64
g-index

65
all docs

65
docs citations

65
times ranked

8136
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a three-dimensional topological Dirac semimetal phase in high-mobility Cd ₃ As ₂ . Nature Communications, 2014, 5, 3786.	5.8	1,166
2	Topological nodal-line fermions in spin-orbit metal PbTaSe ₂ . Nature Communications, 2016, 7, 10556.	5.8	688
3	Observation of Fermi arc surface states in a topological metal. Science, 2015, 347, 294-298.	6.0	603
4	Observation of a topological crystalline insulator phase and topological phase transition in Pb _{1-x} Sn _x Te. Nature Communications, 2012, 3, 1192.	5.8	574
5	Robust axion insulator and Chern insulator phases in a two-dimensional antiferromagnetic topological insulator. Nature Materials, 2020, 19, 522-527.	13.3	536
6	High thermoelectric performance in low-cost SnS _{0.91} Se _{0.09} crystals. Science, 2019, 365, 1418-1424.	6.0	395
7	Hedgehog spin texture and Berry's phase tuning in a magnetic topological insulator. Nature Physics, 2012, 8, 616-622.	6.5	353
8	Observation of topological surface state quantum Hall effect in an intrinsic three-dimensional topological insulator. Nature Physics, 2014, 10, 956-963.	6.5	352
9	Surface electronic structure of the topological Kondo-insulator candidate correlated electron system SmB ₆ . Nature Communications, 2013, 4, 2991.	5.8	308
10	Momentum Dependence of the Superconducting Gap in NdFeAsO _{0.9} F _{0.1} Single Crystals Measured by Angle Resolved Photoemission Spectroscopy. Physical Review Letters, 2008, 101, 147003.	2.9	239
11	Evidence for a Lifshitz transition in electron-doped iron arsenic superconductors at the onset of superconductivity. Nature Physics, 2010, 6, 419-423.	6.5	237
12	Gapless Surface Dirac Cone in Antiferromagnetic Topological Insulator MnBi. Physical Review X, 2019, 9, 021044.	2.8	215
13	K-Doping Dependence of the Fermi Surface of the Iron-Arsenic Topological Metal to Band-Insulator Transition in Ba(Fe _{1-x} Co _x) ₂ As ₂ . Physical Review Letters, 2008, 101, 177005.	2.9	214
14	Topological-Metal to Band-Insulator Transition in Bi ₂ Te ₃ . Physical Review Letters, 2012, 109, 186403.	2.9	214
15	Topological surface states and Dirac point tuning in ternary topological insulators. Physical Review B, 2012, 85, .	1.1	171
16	Momentum-space imaging of Cooper pairing in a half-Dirac-gas topological superconductor. Nature Physics, 2014, 10, 943-950.	6.5	134
17	Observation of monolayer valence band spin-orbit effect and induced quantum well states in MoX ₂ . Nature Communications, 2014, 5, 4673.	5.8	121
18	Importance of the Fermi-surface topology to the superconducting state of the electron-doped pnictide Ba(Fe _{1-x} Ti _x) ₂ As ₂ . Physical Review B, 2012, 85, .	1.1	115

#	ARTICLE	IF	CITATIONS
19	Observation of quantum-tunnelling-modulated spin texture in ultrathin topological insulator Bi ₂ Se ₃ films. Nature Communications, 2014, 5, 3841.	5.8	112

20	Remarkable electron and phonon band structures lead to a high thermoelectric performance $ZT > 1$ in earth-abundant and eco-friendly SnS crystals. Journal of Materials Chemistry A, 2018, 6, 10048-10056. http://www.w3.org/1998/Math/MathML	5.2	90
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#	ARTICLE	IF	CITATIONS
55	Electronic structure of CeMn_2Te_4 . A two-dimensional heavy-fermion system studied by angle-resolved photoemission spectroscopy. Physical Review B, 2015, 91, .	1.1	9
56	Multiple Dirac nodal lines in an in-plane anisotropic semimetal TaNiTe_5 . Physical Review B, 2021, 104, .	1.1	8
57	Influence of the dissipative topological edge state on quantized transport in MnBi_2Te_4 . Physical Review B, 2022, 105, .	1.1	8
58	Observation of Ultrastrong Coupling between Substrate and the Magnetic Topological Insulator MnBi_2Te_4 . Nano Letters, 2022, 22, 3856-3864.	4.5	6
59	Common (Γ_6, Γ_8) Band Folding and Surface Reconstruction in FeAs-Based Superconductors. Chinese Physics Letters, 2021, 38, 057404.	1.3	4
60	Quantum-confinement-induced periodic surface states in two-dimensional metal-organic frameworks. Applied Physics Letters, 2020, 117, .	1.5	3
61	Angle resolved photoemission spectroscopy studies on three dimensional strong topological insulators and magnetic topological insulators. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 227901.	0.2	3
62	Evidence of Weyl fermions in Ru_2Te_5 . Physical Review B, 2021, 103, .	1.1	3
63	Hydrothermal Growth and Properties of $\text{KBe}_2\text{BO}_3\text{F}_2$ (KBBF) and $\text{RbBe}_2\text{BO}_3\text{F}_2$ (RBBF) Single Crystals. , 2010, , .		1