

Lin Zhao

List of Publications by Year in descending order

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42
papers

1,631
citations

331670

21
h-index

289244

40
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42
all docs

42
docs citations

42
times ranked

2473
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in the development of KBe ₂ BO ₃ F ₂ : a deep-UV nonlinear optical crystal. Applied Physics B: Lasers and Optics, 2022, 128, 1.	2.2	2
2	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
3	An efficient route to prepare suspended monolayer for feasible optical and electronic characterizations of two-dimensional materials. Informa Mater Jly, 2022, 4, .	17.3	25
4	Spectroscopic evidence for Dirac nodal surfaces and nodal rings in the superconductor NaAlSi. Physical Review B, 2022, 105, .	3.2	9
5	Physical realization of topological Roman surface by spin-induced ferroelectric polarization in cubic lattice. Nature Communications, 2022, 13, 2373.	12.8	6
6	Evolution of Charge and Pair Density Modulations in Overdoped Bi Physical Review X, 2021, 11, .	8.9	7
7	Spectroscopic evidence for the realization of a genuine topological nodal-line semimetal in LaSbTe. Physical Review B, 2021, 103, .	3.2	28
8	Momentum-resolved visualization of electronic evolution in doping a Mott insulator. Nature Communications, 2021, 12, 1356.	12.8	9
9	Monoclinic EuSn : A Novel High-Pressure Network Structure. Physical Review Letters, 2021, 126, 155701.	7.8	7
10	Spectroscopic evidence of superconductivity pairing at 83%K in single-layer FeSe/SrTiO ₃ films. Nature Communications, 2021, 12, 2840.	12.8	25
11	Electronic structure examination of the topological properties of CaMnSb ₂ by angle-resolved photoemission spectroscopy. Physical Review B, 2021, 103, .	3.2	6
12	Pressure-driven electronic and structural phase transition in intrinsic magnetic topological insulator MnSb Physical Review B, 2021, 104, .	3.2	8
13	Discovery of an insulating parent phase in single-layer FeSe/SrTiO ₃ films. Physical Review B, 2020, 102, .	3.2	6
14	Neutron Spin Resonance in a Quasi-Two-Dimensional Iron-Based Superconductor. Physical Review Letters, 2020, 125, 117002.	7.8	31
15	High precision determination of the Planck constant by modern photoemission spectroscopy. Review of Scientific Instruments, 2020, 91, 045116.	1.3	6
16	Selective hybridization between the main band and the superstructure band in the Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$ superconductor. Physical Review B, 2020, 101, .	3.2	5
17	Simultaneous generation of direct- and indirect-gap photoluminescence in multilayer MoS_2 bubbles. Physical Review Materials, 2020, 4, .	3.2	25
18	Advances in deep ultraviolet laser based high-resolution photoemission spectroscopy. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 885-913.	2.6	21

#	ARTICLE	IF	CITATIONS
19	Electronic structure of exfoliated millimeter-sized monolayer WSe ₂ on silicon wafer. Nano Research, 2019, 12, 3095-3100.	10.4	15
20	Nonlinear uniaxial pressure dependence of χ in iron-based superconductors. Physical Review Research, 2019, 1, .	7.1	76
21	Identification of a large amount of excess Fe in superconducting single-layer FeSe films. Physical Review B, 2018, 97, .	12.8	190
22	Electronic evidence of temperature-induced Lifshitz transition and topological nature in ZrTe ₅ . Nature Communications, 2017, 8, 15512.	7.1	67
23	Direct evidence of interaction-induced Dirac cones in a monolayer silicene/Ag(111) system. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14656-14661.	3.2	12
24	Electronic structure of the ingredient planes of the cuprate superconductor Bi_2Te_3 . A comparison study with Bi_2Se_3 . Physical Review B, 2016, 93, .	12.8	164
25	Common electronic origin of superconductivity in (Li,Fe)OHFeSe bulk superconductor and single-layer FeSe/SrTiO ₃ films. Nature Communications, 2016, 7, 10608.	3.3	17
26	Anomalous High-Energy Waterfall-Like Electronic Structure in 5 d Transition Metal Oxide Sr ₂ IrO ₄ with a Strong Spin-Orbit Coupling. Scientific Reports, 2015, 5, 13036.	7.1	67
27	Electronic evidence of an insulator–superconductor crossover in single-layer FeSe/SrTiO ₃ films. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18501-18506.	12.8	78
28	Orbital-selective spin texture and its manipulation in a topological insulator. Nature Communications, 2014, 5, 3382.	12.8	57
29	Dichotomy of the electronic structure and superconductivity between single-layer and double-layer FeSe/SrTiO ₃ films. Nature Communications, 2014, 5, 5047.	3.3	105
30	Strong Anisotropy of Dirac Cones in SrMnBi ₂ and CaMnBi ₂ Revealed by Angle-Resolved Photoemission Spectroscopy. Scientific Reports, 2014, 4, 5385.	3.3	159
31	Evidence of Topological Surface State in Three-Dimensional Dirac Semimetal Cd ₃ As ₂ . Scientific Reports, 2014, 4, 6106.	7.8	28
32	Coexistence of Two Sharp-Mode Couplings and their Unusual Momentum Dependence in the Superconducting State of Bi_2Te_3 . Physical Review Letters, 2013, 111, 107003.	3.2	8
33	Common Fermi surface topology and nodeless superconducting gap of Bi_2Te_3 . Angle-resolved photoemission spectroscopy study. Physical Review B, 2013, 87, 114111.	3.2	73
34	Structural, magnetic and electronic properties of the iron-chalcogenide $\text{AxFe}_2\text{AySe}_2$ (A=K, Cs, Rb, and Tl). Physical Review B, 2011, 83, .	5.0	34
35	Quantitative determination of Eliashberg function and evidence of strong electron coupling with multiple phonon modes in heavily overdoped (Bi,Pb) ₂ Sr ₂ CuO ₆ +f. Physical Review B, 2011, 83, .	3.2	14

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37	High resolution angle-resolved photoemission spectroscopy on Cu-based and Fe-based high- T_c superconductors. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 2674-2692.	1.8	9
38	Back Cover (Phys. Status Solidi A 12/2010). Physica Status Solidi (A) Applications and Materials Science, 2010, 207, .	1.8	0
39	Band-structure reorganization across the magnetic transition in BaFe ₂ As ₂ seen via high-resolution angle-resolved photoemission. Physical Review B, 2009, 80, .	3.2	47
40	Band structure, Fermi surface, and superconducting gap in FeAs-based superconductors revealed by angle-resolved photoemission spectroscopy. Frontiers of Physics in China, 2009, 4, 427-432.	1.0	5
41	Monotonic d -wave superconducting gap of the optimally doped Bi ₂ Physical Review B, 2009, 79, .	3.2	49
42	Fermi surface and band renormalization of Sr _{1-x} K _x Fe ₂ As ₂ from angle-resolved photoemission spectroscopy. Physical Review B, 2008, 78, .	3.2	49