

Lin Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9629789/publications.pdf>

Version: 2024-02-01

42
papers

1,631
citations

331670

21
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

2473
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic evidence of temperature-induced Lifshitz transition and topological nature in ZrTe5. Nature Communications, 2017, 8, 15512.	12.8	190
2	Common electronic origin of superconductivity in (Li,Fe)OHFeSe bulk superconductor and single-layer FeSe/SrTiO3 films. Nature Communications, 2016, 7, 10608.	12.8	164
3	Evidence of Topological Surface State in Three-Dimensional Dirac Semimetal Cd3As2. Scientific Reports, 2014, 4, 6106.	3.3	159
4	Electronic nature of charge density wave and electron-phonon coupling in kagome superconductor KV3Sb5. Nature Communications, 2022, 13, 273.	12.8	124
5	Strong Anisotropy of Dirac Cones in SrMnBi2 and CaMnBi2 Revealed by Angle-Resolved Photoemission Spectroscopy. Scientific Reports, 2014, 4, 5385.	3.3	105
6	Orbital-selective spin texture and its manipulation in a topological insulator. Nature Communications, 2014, 5, 3382.	12.8	78
7	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.	7.1	76
8	Common Fermi-surface topology and nodeless superconducting gap of K_0	3.2	73
9	Electronic evidence of an insulator-superconductor crossover in single-layer FeSe/SrTiO3 films. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18501-18506.	7.1	67
10	Dichotomy of the electronic structure and superconductivity between single-layer and double-layer FeSe/SrTiO3 films. Nature Communications, 2014, 5, 5047.	12.8	57
11	Fermi surface and band renormalization of Sr1-xKxFe2As2 from angle-resolved photoemission spectroscopy. Physical Review B, 2008, 78, .	3.2	49
12	Monotonic d-wave superconducting gap of the optimally doped Bi2201. Physical Review B, 2009, 79, .	3.2	49
13	Band-structure reorganization across the magnetic transition in BaFe2As2 seen via high-resolution angle-resolved photoemission. Physical Review B, 2009, 80, .	3.2	47
14	Structural, magnetic and electronic properties of the iron-chalcogenide AxFe2-ySe2 (A=K, Cs, Rb, and Tl). Physical Review B, 2010, 81, 040407.	5.0	34
15	Neutron Spin Resonance in a Quasi-Two-Dimensional Iron-Based Superconductor. Physical Review Letters, 2020, 125, 117002.	7.8	31
16	Coexistence of Two Sharp-Mode Couplings and their Unusual Momentum Dependence in the Superconducting State of Sr2-xLaxFe2As2. Physical Review Letters, 2013, 111, 107005.	7.8	28
17	Spectroscopic evidence for the realization of a genuine topological nodal-line semimetal in LaSbTe. Physical Review B, 2021, 103, .	3.2	28
18	Spectroscopic evidence of superconductivity pairing at 83%K in single-layer FeSe/SrTiO3 films. Nature Communications, 2021, 12, 2840.	12.8	25

#	ARTICLE	IF	CITATIONS
19	An efficient route to prepare suspended monolayer for feasible optical and electronic characterizations of $2D$ materials. Informa Mater, 2022, 4, .	17.3	25
20	Monoclinic $EuSn_2$: A Novel High-Pressure Network Structure. Physical Review Letters, 2021, 126, 155701.	7.8	14
21	Advances in deep ultraviolet laser based high-resolution photoemission spectroscopy. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 885-913.	2.6	21
22	Simultaneous generation of direct- and indirect-gap photoluminescence in multilayer MoS_2 bubbles. Physical Review Materials, 2020, 4, .	2.4	21
23	Anomalous High-Energy Waterfall-Like Electronic Structure in 5 d Transition Metal Oxide Sr_2IrO_4 with a Strong Spin-Orbit Coupling. Scientific Reports, 2015, 5, 13036.	3.3	17
24	Electronic structure of exfoliated millimeter-sized monolayer WSe_2 on silicon wafer. Nano Research, 2019, 12, 3095-3100.	10.4	15
25	Quantitative determination of Eliashberg function and evidence of strong electron coupling with multiple phonon modes in heavily overdoped $(Bi,Pb)_2Sr_2CuO_{6+x}$. Physical Review B, 2011, 83, .	3.2	14
26	Electronic structure of the ingredient planes of the cuprate superconductor Bi_2 . A comparison study with Bi . Physical Review B, 2016, 93, .	3.2	12
27	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
28	Momentum-resolved visualization of electronic evolution in doping a Mott insulator. Nature Communications, 2021, 12, 1356.	12.8	9
29	Spectroscopic evidence for Dirac nodal surfaces and nodal rings in the superconductor $NaAlSi$. Physical Review B, 2022, 105, .	3.2	9
30	Fermi surface sheet-dependent band splitting in $SrRuO_4$ revealed by high-resolution angle-resolved photoemission spectroscopy. Physical Review B, 2012, 86, .	3.2	8
31	Identification of a large amount of excess Fe in superconducting single-layer $FeSe$ films. Physical Review B, 2018, 97, .	3.3	8
32	Pressure-driven electronic and structural phase transition in intrinsic magnetic topological insulator $MnSb$. Physical Review B, 2021, 104, .	3.2	8
33	Evolution of Charge and Pair Density Modulations in Overdoped Bi_2 . Physical Review X, 2021, 11, .	8.9	7
34	Discovery of an insulating parent phase in single-layer $FeSe/SrTiO_3$ films. Physical Review B, 2020, 102, .	3.2	6
35	High precision determination of the Planck constant by modern photoemission spectroscopy. Review of Scientific Instruments, 2020, 91, 045116.	1.3	6
36	Electronic structure examination of the topological properties of $CaMnSb_2$ by angle-resolved photoemission spectroscopy. Physical Review B, 2021, 103, .	3.2	6

#	ARTICLE	IF	CITATIONS
37	Physical realization of topological Roman surface by spin-induced ferroelectric polarization in cubic lattice. Nature Communications, 2022, 13, 2373.	12.8	6
38	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
39	Selective hybridization between the main band and the superstructure band in the Bi2Sr2CaCu2O8+ \hat{t} superconductor. Physical Review B, 2020, 101, .	3.2	5
40	Nonlinear uniaxial pressure dependence of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle c \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ in iron-based superconductors. Physical Review Research, 2019, 1, .	1.0	4
41	Recent progress in the development of KBe2BO3F2: a deep-UV nonlinear optical crystal. Applied Physics B: Lasers and Optics, 2022, 128, 1.	2.2	2
42	Back Cover (Phys. Status Solidi A 12/2010). Physica Status Solidi (A) Applications and Materials Science, 2010, 207, .	1.8	0