

Lin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,631
citations

331259

21
h-index

288905

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. | 5.8 | 190 |
| 2 | Common electronic origin of superconductivity in (Li,Fe)OHFeSe bulk superconductor and single-layer FeSe/SrTiO3 films. Nature Communications, 2016, 7, 10608. | 5.8 | 164 |
| 3 | Evidence of Topological Surface State in Three-Dimensional Dirac Semimetal Cd3As2. Scientific Reports, 2014, 4, 6106. | 1.6 | 159 |
| 4 | Electronic nature of charge density wave and electron-phonon coupling in kagome superconductor KV3Sb5. Nature Communications, 2022, 13, 273. | 5.8 | 124 |
| 5 | Strong Anisotropy of Dirac Cones in SrMnBi2 and CaMnBi2 Revealed by Angle-Resolved Photoemission Spectroscopy. Scientific Reports, 2014, 4, 5385. | 1.6 | 105 |
| 6 | Orbital-selective spin texture and its manipulation in a topological insulator. Nature Communications, 2014, 5, 3382. | 5.8 | 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. | 3.3 | 76 |
| 8 | Common Fermi-surface topology and nodeless superconducting gap of K_0 \times K_1 \times K_2 \times K_3 \times K_4 \times K_5 \times K_6 \times K_7 \times K_8 \times K_9 \times K_{10} \times K_{11} \times K_{12} \times K_{13} \times K_{14} \times K_{15} \times K_{16} \times K_{17} \times K_{18} \times K_{19} \times K_{20} \times K_{21} \times K_{22} \times K_{23} \times K_{24} \times K_{25} \times K_{26} \times K_{27} \times K_{28} \times K_{29} \times K_{30} \times K_{31} \times K_{32} \times K_{33} \times K_{34} \times K_{35} \times K_{36} \times K_{37} \times K_{38} \times K_{39} \times K_{40} \times K_{41} \times K_{42} \times K_{43} \times K_{44} \times K_{45} \times K_{46} \times K_{47} \times K_{48} \times K_{49} \times K_{50} \times K_{51} \times K_{52} \times K_{53} \times K_{54} \times K_{55} \times K_{56} \times K_{57} \times K_{58} \times K_{59} \times K_{60} \times K_{61} \times K_{62} \times K_{63} \times K_{64} \times K_{65} \times K_{66} \times K_{67} \times K_{68} 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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | An efficient route to prepare suspended monolayer for feasible optical and electronic characterizations of 2-D materials. <i>Informa Mater</i> , 2022, 4, . | 8.5 | 25 |
| 20 | Monoclinic EuSn_2 : A Novel High-Pressure Network Structure. <i>Physical Review Letters</i> , 2021, 126, 155701. | 2.9 | 14 |
| 21 | Advances in deep ultraviolet laser based high-resolution photoemission spectroscopy. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019, 20, 885-913. | 1.5 | 21 |
| 22 | Simultaneous generation of direct- and indirect-gap photoluminescence in multilayer MoS_2 bubbles. <i>Physical Review Materials</i> , 2020, 4, . | 2.9 | 21 |
| 23 | Anomalous High-Energy Waterfall-Like Electronic Structure in 5 d Transition Metal Oxide Sr_2IrO_4 with a Strong Spin-Orbit Coupling. <i>Scientific Reports</i> , 2015, 5, 13036. | 1.6 | 17 |
| 24 | Electronic structure of exfoliated millimeter-sized monolayer WSe_2 on silicon wafer. <i>Nano Research</i> , 2019, 12, 3095-3100. | 5.8 | 15 |
| 25 | Quantitative determination of Eliashberg function and evidence of strong electron coupling with multiple phonon modes in heavily overdoped $(\text{Bi,Pb})_2\text{Sr}_2\text{CuO}_{6+\delta}$. <i>Physical Review B</i> , 2011, 83, . | 1.1 | 14 |
| 26 | Electronic structure of the ingredient planes of the cuprate superconductor Bi_2RuO_6 : A comparison study with Bi_2Te_3 . <i>Physical Review B</i> , 2016, 93, . | 1.1 | 12 |
| 27 | High resolution angle-resolved photoemission spectroscopy on Cu -based and Fe -based high- T_c superconductors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2674-2692. | 0.8 | 9 |
| 28 | Momentum-resolved visualization of electronic evolution in doping a Mott insulator. <i>Nature Communications</i> , 2021, 12, 1356. | 5.8 | 9 |
| 29 | Spectroscopic evidence for Dirac nodal surfaces and nodal rings in the superconductor NaAlSi_3 . <i>Physical Review B</i> , 2022, 105, . | 1.1 | 9 |
| 30 | Fermi surface sheet-dependent band splitting in Sr_2RuO_4 revealed by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2012, 86, . | 1.1 | 8 |
| 31 | Identification of a large amount of excess Fe in superconducting single-layer FeSe films. <i>Physical Review B</i> , 2018, 97, . | 1.1 | 8 |
| 32 | Pressure-driven electronic and structural phase transition in intrinsic magnetic topological insulator MnSb_2 . <i>Physical Review B</i> , 2021, 104, . | 1.1 | 8 |
| 33 | Evolution of Charge and Pair Density Modulations in Overdoped Bi_2RuO_6 . <i>Physical Review X</i> , 2021, 11, . | 2.8 | 7 |
| 34 | Discovery of an insulating parent phase in single-layer FeSe/SrTiO_3 films. <i>Physical Review B</i> , 2020, 102, . | 1.1 | 6 |
| 35 | High precision determination of the Planck constant by modern photoemission spectroscopy. <i>Review of Scientific Instruments</i> , 2020, 91, 045116. | 0.6 | 6 |
| 36 | Electronic structure examination of the topological properties of CaMnSb_2 by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2021, 103, . | 1.1 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Physical realization of topological Roman surface by spin-induced ferroelectric polarization in cubic lattice. Nature Communications, 2022, 13, 2373. | 5.8 | 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+ $\hat{\Gamma}$ superconductor. Physical Review B, 2020, 101, . | 1.1 | 5 |
| 40 | Nonlinear uniaxial pressure dependence of T_c in iron-based superconductors. Physical Review Research, 2019, 1, . | 1.1 | 4 |
| 41 | Recent progress in the development of KBe2BO3F2: a deep-UV nonlinear optical crystal. Applied Physics B: Lasers and Optics, 2022, 128, 1. | 1.1 | 2 |
| 42 | Back Cover (Phys. Status Solidi A 12/2010). Physica Status Solidi (A) Applications and Materials Science, 2010, 207, . | 0.8 | 0 |