

Qisi Wang

List of Publications by Year in descending order

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41
papers

1,619
citations

430874

18
h-index

330143

37
g-index

41
all docs

41
docs citations

41
times ranked

2723
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for a spinon Fermi surface in a triangular-lattice quantum-spin-liquid candidate. Nature, 2016, 540, 559-562.	27.8	259
2	Strong interplay between stripe spin fluctuations, nematicity and superconductivity in FeSe. Nature Materials, 2016, 15, 159-163.	27.5	217
3	Magnetic ground state of FeSe. Nature Communications, 2016, 7, 12182.	12.8	158
4	Landau level splitting in Cd ₃ As ₂ under high magnetic fields. Nature Communications, 2015, 6, 7779.	12.8	126
5	Anisotropic impurity states, quasiparticle scattering and nematic transport in underdoped Ca(Fe _{1-x} Cox) ₂ As ₂ . Nature Physics, 2013, 9, 220-224.	16.7	123
6	Mapping the orbital wavefunction of the surface states in three-dimensional topological insulators. Nature Physics, 2013, 9, 499-504.	16.7	118
7	The origin and non-quasiparticle nature of Fermi arcs in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Nature Physics, 2012, 8, 606-610.	16.7	82
8	Dimensionality-controlled Mott transition and correlation effects in single-layer and bilayer perovskite iridates. Physical Review B, 2013, 87, .	3.2	71
9	Highly Anisotropic and Twofold Symmetric Superconducting Gap in Nematically Ordered FeSe . FeSe $T_c > 0.93 \text{ K}$ $S < 0.07$. Physical Review Letters, 2016, 117, 157003.	3.2	41
10	Preparing and the δ -filling gap in the cuprates from the tomographic density of states. Physical Review B, 2013, 87, .	3.2	41
11	Structural and magnetic phase diagram of CrAs and its relationship with pressure-induced superconductivity. Physical Review B, 2016, 93, .	3.2	38
12	Structure of spin excitations in heavily electron-doped Li _{0.8} Fe _{0.2} OFeSe superconductors. Nature Communications, 2017, 8, 123.	12.8	33
13	Evolution of spin excitations from bulk to monolayer FeSe. Nature Communications, 2021, 12, 3122.	12.8	29
14	Unexpected low thermal conductivity and large power factor in Dirac semimetal Cd ₃ As ₂ . Chinese Physics B, 2016, 25, 017202.	1.4	22
15	Quantitative characterization of short-range orthorhombic fluctuations in FeSe through pair distribution function analysis. Physical Review B, 2019, 100, .	3.2	21
16	A unified form of low-energy nodal electronic interactions in hole-doped cuprate superconductors. Nature Communications, 2019, 10, 5737.	12.8	20
17	Transition from Sign-Reversed to Sign-Preserved Cooper-Pairing Symmetry in Sulfur-Doped Iron Selenide Superconductors. Physical Review Letters, 2016, 116, 197004.	7.8	19
18	Evidence of nodal gap structure in the basal plane of the FeSe superconductor. Physical Review B, 2018, 98, .	3.2	18

#	ARTICLE	IF	CITATIONS
19	Charge order lock-in by electron-phonon coupling in $\text{La}_{1.675}\text{Eu}_{0.2}\text{Sr}_{0.125}\text{CuO}_4$. Science Advances, 2021, 7, .	10.3	18
20	High-Temperature Charge-Stripe Correlations in $\text{La}_{1.675}\text{Eu}_{0.2}\text{Sr}_{0.125}\text{CuO}_4$. Physical Review Letters, 2020, 124, 187002.	7.8	16
21	Electronic structure of YFe_2O_7 by angle-resolved photoemission spectroscopy. Physical Review B, 2016, 93, .	3.2	11
22	Uniaxial pressure induced stripe order rotation in $\text{La}_{1.88}\text{Sr}_{0.12}\text{CuO}_4$. Nature Communications, 2022, 13, 1795.	12.8	12
23	Experimental electronic structure of the metallic pyrochlore iridate $\text{Bi}_2\text{Ir}_2\text{O}_7$. Journal of Physics Condensed Matter, 2015, 27, 015502.	1.8	11
24	Electronic reconstruction forming a C2-symmetric Dirac semimetal in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Npj Quantum Materials, 2021, 6, .	5.2	11
25	Unveiling Unequivocal Charge Stripe Order in a Prototypical Cuprate Superconductor. Physical Review Letters, 2022, 128, .	7.8	11
26	Symmetry-broken electronic structure and uniaxial Fermi surface nesting of untwinned CaFe_2As_2 . Physical Review B, 2013, 88, .	3.2	10
27	Study of intrinsic defect states of FeSe with scanning tunneling microscopy. Physical Review B, 2019, 100, .	3.2	7
28	Anomalous Contribution to the Nematic Electronic States from the Structural Transition in FeSe Revealed by Time- and Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2022, 128, .	7.8	7
29	Crystal symmetry of stripe-ordered $\text{La}_{1.88}\text{Sr}_{0.12}\text{CuO}_4$. Physical Review B, 2022, 105, .	3.2	7
30	Coexistence of Ferromagnetic and Stripe-Type Antiferromagnetic Spin Fluctuations in YFe_2O_7 . Physical Review Letters, 2019, 122, 217003.	7.8	6
31	Measurement of Meissner effect in micro-sized Nb and FeSe crystals using an NbN nano-SQUID. Superconductor Science and Technology, 2017, 30, 074011.	3.5	5
32	Field-tuned quantum effects in a triangular-lattice Ising magnet. Science Bulletin, 2022, 67, 38-44.	9.0	5
33	Nonmonotonic Fermi surface evolution and its correlation with stripe ordering in bilayer manganites. Physical Review B, 2012, 86, .	3.2	3
34	Observation of an electronic order along [110] direction in FeSe. Nature Communications, 2021, 12, 1385.	12.8	3
35	Resonant inelastic x-ray scattering study of $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2020, 102, .	3.2	3
36	Oxide Fermi liquid universality revealed by electron spectroscopy. Physical Review B, 2020, 102, .	3.2	3

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37	Unusual Band Splitting and Superconducting Gap Evolution with Sulfur Substitution in FeSe. Chinese Physics Letters, 2022, 39, 057302.	3.3	3
38	Resonant inelastic soft x-ray scattering on LaPt_2Si_2 . Journal of Physics Condensed Matter, 0, , .	1.8	1
39	Decoupling of lattice and orbital degrees of freedom in an iron-pnictide superconductor. Physical Review Research, 2021, 3, .	3.6	0
40	Polarized neutron scattering studies of magnetic excitations in iron-selenide superconductor $\text{Li}_{0.8}\text{Fe}_{0.2}\text{ODFeSe}$ ($T_c = 41\text{\AA}$). Journal of Physics Condensed Matter, 2021, 33, 45LT01.	1.8	0
41	Short-range charge-density wave order in $\text{La}_{1.88}\text{Sr}_{0.12}\text{CuO}_4$ under uniaxial pressure. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, C1233-C1233.	0.1	0