

# Qisi Wang

## List of Publications by Year in descending order

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41  
papers

1,619  
citations

430874

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all docs

41  
docs citations

41  
times ranked

2723  
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-tuned quantum effects in a triangular-lattice Ising magnet. Science Bulletin, 2022, 67, 38-44.	9.0	5
2	Uniaxial pressure induced stripe order rotation in La <sub>1.88</sub> Sr <sub>0.12</sub> CuO <sub>4</sub> . Nature Communications, 2022, 13, 1795.	12.8	12
3	Unusual Band Splitting and Superconducting Gap Evolution with Sulfur Substitution in FeSe. Chinese Physics Letters, 2022, 39, 057302.	3.3	3
4	Unveiling Unequivocal Charge Stripe Order in a Prototypical Cuprate Superconductor. Physical Review Letters, 2022, 128, .	7.8	11
5	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
6	Crystal symmetry of stripe-ordered $\text{La}_{1.88}\text{Sr}_{0.12}\text{CuO}_4$ . Physical Review B, 2022, 105, .	7.8	16
7	Observation of an electronic order along [110] direction in FeSe. Nature Communications, 2021, 12, 1385.	12.8	3
8	Electronic reconstruction forming a C2-symmetric Dirac semimetal in Ca <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Npj Quantum Materials, 2021, 6, .	5.2	11
9	Evolution of spin excitations from bulk to monolayer FeSe. Nature Communications, 2021, 12, 3122.	12.8	29
10	Charge order lock-in by electron-phonon coupling in La <sub>1.675</sub> Eu <sub>0.2</sub> Sr <sub>0.125</sub> Cu <sub>4</sub> . Science Advances, 2021, 7, .	10.3	18
11	Decoupling of lattice and orbital degrees of freedom in an iron-pnictide superconductor. Physical Review Research, 2021, 3, .	3.6	0
12	Polarized neutron scattering studies of magnetic excitations in iron-selenide superconductor Li <sub>0.8</sub> Fe <sub>0.2</sub> ODFeSe (T <sub>c</sub> = 41ÅK). Journal of Physics Condensed Matter, 2021, 33, 45LT01.	1.8	0
13	Short-range charge-density wave order in La <sub>1.88</sub> Sr <sub>0.12</sub> CuO <sub>4</sub> under uniaxial pressure. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, C1233-C1233.	0.1	0
14	High-Temperature Charge-Stripe Correlations in $\text{La}_{1.675}\text{Sr}_{0.125}\text{CuO}_4$ . Physical Review Letters, 2020, 124, 187002.	7.8	16
15	Resonant inelastic x-ray scattering study of $\text{Ca}_3\text{Ru}_2\text{O}_7$ . Physical Review B, 2020, 102, .	3.2	3
16	Oxide Fermi liquid universality revealed by electron spectroscopy. Physical Review B, 2020, 102, .	3.2	3
17	Quantitative characterization of short-range orthorhombic fluctuations in FeSe through pair distribution function analysis. Physical Review B, 2019, 100, .	3.2	21
18	Study of intrinsic defect states of FeSe with scanning tunneling microscopy. Physical Review B, 2019, 100, .	3.2	7

#	ARTICLE	IF	CITATIONS
19	Coexistence of Ferromagnetic and Stripe-Type Antiferromagnetic Spin Fluctuations in $\text{YFe}_2\text{As}_2$ . Physical Review Letters, 2019, 122, 217003.	7.8	6
20	A unified form of low-energy nodal electronic interactions in hole-doped cuprate superconductors. Nature Communications, 2019, 10, 5737.	12.8	20
21	Evidence of nodal gap structure in the basal plane of the FeSe superconductor. Physical Review B, 2018, 98, .	3.2	18
22	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
23	Structure of spin excitations in heavily electron-doped $\text{Li}_{0.8}\text{Fe}_{0.2}\text{OFeSe}$ superconductors. Nature Communications, 2017, 8, 123.	12.8	33
24	Unexpected low thermal conductivity and large power factor in Dirac semimetal $\text{Cd}_3\text{As}_2$ . Chinese Physics B, 2016, 25, 017202.	1.4	22
25	Evidence for a spinon Fermi surface in a triangular-lattice quantum-spin-liquid candidate. Nature, 2016, 540, 559-562.	27.8	259
26	Highly Anisotropic and Twofold Symmetric Superconducting Gap in Nematically Ordered $\text{FeSe}$ . Physical Review Letters, 2016, 117, 157003.	12.8	368
27	Electronic structure of $\text{YFe}_2\text{As}_2$ by angle-resolved photoemission spectroscopy. Physical Review B, 2016, 93, .	3.2	11
28	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
29	Magnetic ground state of FeSe. Nature Communications, 2016, 7, 12182.	12.8	158
30	Strong interplay between stripe spin fluctuations, nematicity and superconductivity in FeSe. Nature Materials, 2016, 15, 159-163.	27.5	217
31	Structural and magnetic phase diagram of CrAs and its relationship with pressure-induced superconductivity. Physical Review B, 2016, 93, .	3.2	38
32	Experimental electronic structure of the metallic pyrochlore iridate $\text{Bi}_2\text{O}_7$ . Journal of Physics Condensed Matter, 2015, 27, 015502.	1.8	11
33	Landau level splitting in $\text{Cd}_3\text{As}_2$ under high magnetic fields. Nature Communications, 2015, 6, 7779.	12.8	126
34	Mapping the orbital wavefunction of the surface states in three-dimensional topological insulators. Nature Physics, 2013, 9, 499-504.	16.7	118
35	Anisotropic impurity states, quasiparticle scattering and nematic transport in underdoped $\text{Ca}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ . Nature Physics, 2013, 9, 220-224.	16.7	123
36	Dimensionality-controlled Mott transition and correlation effects in single-layer and bilayer perovskite iridates. Physical Review B, 2013, 87, .	3.2	71

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37	Symmetry-broken electronic structure and uniaxial Fermi surface nesting of untwinned CaFe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2013, 88, .	3.2	10
38	Preparing and the "filling" gap in the cuprates from the tomographic density of states. Physical Review B, 2013, 87, .	3.2	41
39	Nonmonotonic Fermi surface evolution and its correlation with stripe ordering in bilayer manganites. Physical Review B, 2012, 86, .	3.2	3
40	The origin and non-quasiparticle nature of Fermi arcs in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ . Nature Physics, 2012, 8, 606-610.	16.7	82
41	Resonant inelastic soft x-ray scattering on LaPt <sub>2</sub> Si <sub>2</sub> . Journal of Physics Condensed Matter, 0, , .	1.8	1