

Hong Ding

List of Publications by Year in descending order

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284
papers

23,383
citations

7568

77
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148
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288
all docs

288
docs citations

288
times ranked

10693
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Discovery of Weyl Semimetal TaAs. Physical Review X, 2015, 5, .	8.9	1,506
2	Spectroscopic evidence for a pseudogap in the normal state of underdoped high-Tc superconductors. Nature, 1996, 382, 51-54.	27.8	1,273
3	Destruction of the Fermi surface in underdoped high-Tc superconductors. Nature, 1998, 392, 157-160.	27.8	952
4	Observation of Fermi-surface-dependent nodeless superconducting gaps in Ba _{0.6} K _{0.4} Fe ₂ As ₂ . Europhysics Letters, 2008, 83, 47001.	2.0	905
5	Observation of Weyl nodes in TaAs. Nature Physics, 2015, 11, 724-727.	16.7	867
6	Microscopic electronic inhomogeneity in the high-Tc superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Nature, 2001, 413, 282-285.	27.8	778
7	Evidence for Majorana bound states in an iron-based superconductor. Science, 2018, 362, 333-335.	12.6	523
8	Observation of topological superconductivity on the surface of an iron-based superconductor. Science, 2018, 360, 182-186.	12.6	500
9	Observation of an "Extended" Van Hove Singularity in YBa ₂ Cu ₄ O ₈ by Ultrahigh Energy Resolution Angle-Resolved Photoemission. Physical Review Letters, 1994, 73, 3302-3305.	7.8	367
10	Electronic Spectra and Their Relation to the (F, F) Collective Mode in High-Tc Superconductors. Physical Review Letters, 1999, 83, 3709-3712.	7.8	319
11	Fermi surface nesting induced strong pairing in iron-based superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7330-7333.	7.1	316
12	Absence of a Holelike Fermi Surface for the Iron-Based $K_{0.8}Fe_{1.7}$ Revealed by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2011, 106, 187001.	7.8	304
13	Observation of three-component fermions in the topological semimetal molybdenum phosphide. Nature, 2017, 546, 627-631.	27.8	299
14	Phenomenology of the low-energy spectral function in high-Tc superconductors. Physical Review B, 1998, 57, R11093-R11096.	3.2	281
15	Phenomenological models for the gap anisotropy of Bi ₂ Sr ₂ CaCu ₂ O ₈ as measured by angle-resolved photoemission spectroscopy. Physical Review B, 1995, 52, 615-622.	3.2	280
16	Angle-resolved photoemission spectroscopy study of the superconducting gap anisotropy in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Physical Review B, 1996, 54, R9678-R9681.	3.2	266
17	Experimental perspective on three-dimensional topological semimetals. Reviews of Modern Physics, 2021, 93, .	45.6	265
18	Observation of Weyl nodes and Fermi arcs in tantalum phosphide. Nature Communications, 2016, 7, 11006.	12.8	264

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19	Observation of unconventional chiral fermions with long Fermi arcs in CoSi. Nature, 2019, 567, 496-499.	27.8	260
20	Superconducting Gap Anisotropy and Quasiparticle Interactions: A Doping Dependent Photoemission Study. Physical Review Letters, 1999, 83, 840-843.	7.8	259
21	Momentum Dependence of the Superconducting Gap in Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review Letters, 1995, 74, 2784-2787.	7.8	236
22	Evolution of the Fermi Surface with Carrier Concentration in Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{1}$. Physical Review Letters, 1997, 78, 2628-2631.	7.8	235
23	The origin of multiple superconducting gaps in MgB ₂ . Nature, 2003, 423, 65-67.	27.8	227
24	Electronic Excitations in Bi ₂ Sr ₂ CaCu ₂ O ₈ : Fermi Surface, Dispersion, and Absence of Bilayer Splitting. Physical Review Letters, 1996, 76, 1533-1536.	7.8	226
25	Unusual Dispersion and Line Shape of the Superconducting State Spectra of Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{1}$. Physical Review Letters, 1997, 79, 3506-3509.	7.8	224
26	Topological nature of the $\text{FeSe}_{1-x}\text{Te}_x$ system. Physical Review B, 2015, 92, .	7.8	221
27	A precise method for visualizing dispersive features in image plots. Review of Scientific Instruments, 2011, 82, 043712.	1.3	217
28	Observation of Dirac Cone Electronic Dispersion in $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$. Physical Review Letters, 2010, 104, 137001.	7.8	215
29	Direct observation of the spin texture in SmB ₆ as evidence of the topological Kondo insulator. Nature Communications, 2014, 5, 4566.	12.8	193
30	Superconducting gap symmetry of $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ studied by angle-resolved photoemission spectroscopy. Europhysics Letters, 2009, 85, 67002.	2.0	192
31	Band Structure and Fermi Surface of an Extremely Overdoped Iron-Based Superconductor KFe_2As_2 . Physical Review Letters, 2009, 103, 047002.	7.8	191
32	Angle-resolved photoemission spectroscopy and its application to topological materials. Nature Reviews Physics, 2019, 1, 609-626.	26.6	190
33	Quasiparticles in the Superconducting State of Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{1}$. Physical Review Letters, 2000, 84, 1788-1791.	7.8	188
34	Observation of a robust zero-energy bound state in iron-based superconductor Fe(Te,Se). Nature Physics, 2015, 11, 543-546.	16.7	183
35	Surface and bulk electronic structure of the strongly correlated system SmB ₆ and implications for a topological Kondo insulator. Physical Review B, 2013, 88, .	3.2	179
36	Coherent Quasiparticle Weight and Its Connection to High-T _c Superconductivity from Angle-Resolved Photoemission. Physical Review Letters, 2001, 87, 227001.	7.8	175

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37	Nearly quantized conductance plateau of vortex zero mode in an iron-based superconductor. Science, 2020, 367, 189-192.	12.6	172
38	Multiple topological states in iron-based superconductors. Nature Physics, 2019, 15, 41-47.	16.7	170
39	Unconventional Anisotropic s -Wave Superconducting Gaps of the LiFeAs Iron-Pnictide Superconductor. Physical Review Letters, 2012, 108, 037002.	7.8	156
40	Momentum Distribution Sum Rule for Angle-Resolved Photoemission. Physical Review Letters, 1995, 74, 4951-4954.	7.8	149
41	BCS-Like Bogoliubov Quasiparticles in High-Tc Superconductors Observed by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2003, 90, 217002.	7.8	146
42	Half-integer level shift of vortex bound states in an iron-based superconductor. Nature Physics, 2019, 15, 1181-1187.	16.7	144
43	ARPES on Na _{0.6} CoO ₂ : Fermi Surface and Unusual Band Dispersion. Physical Review Letters, 2004, 92, 246403.	7.8	143
44	Direct Observation of Broken Time-Reversal Symmetry on the Surface of a Magnetically Doped Topological Insulator. Physical Review Letters, 2011, 106, 206805.	7.8	142
45	Fermi Surface Evolution and Luttinger Theorem in Na _x CoO ₂ : A Systematic Photoemission Study. Physical Review Letters, 2005, 95, 146401.	7.8	140
46	Fe-based superconductors: an angle-resolved photoemission spectroscopy perspective. Reports on Progress in Physics, 2011, 74, 124512.	20.1	139
47	Compensated Semimetal LaSb with Unsaturated Magnetoresistance. Physical Review Letters, 2016, 117, 127204.	7.8	132
48	Observation of two distinct x - y splittings in FeSe. Physical Review B, 2015, 91, .	3.2	130
49	Strong nodeless pairing on separate electron Fermi surface sheets in (Tl, K)Fe _{1.78} Se ₂ probed by ARPES. Europhysics Letters, 2011, 93, 57001.	2.0	129
50	Isotropic superconducting gaps with enhanced pairing on electron Fermi surfaces in FeTe _{0.55} Se _{0.45} . Physical Review B, 2012, 85, .	3.2	129
51	Engineering the Structural and Electronic Phases of MoTe ₂ through W Substitution. Nano Letters, 2017, 17, 1616-1622.	9.1	128
52	Dirac nodal surfaces and nodal lines in ZrSiS. Science Advances, 2019, 5, eaau6459.	10.3	125
53	Hall effect in the extremely large magnetoresistance semimetal WTe ₂ . Applied Physics Letters, 2015, 107, .	3.3	124
54	Angle-Resolved Photoemission Spectroscopy of the Antiferromagnetic Superconductor Nd _{1.87} Ce _{0.13} CuO ₄ : Anisotropic Spin-Correlation Gap, Pseudogap, and the Induced Quasiparticle Mass Enhancement. Physical Review Letters, 2005, 94, 047005.	7.8	122

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55	Spin fluctuation induced Weyl semimetal state in the paramagnetic phase of EuCd_2As_2 . Science Advances, 2019, 5, eaaw4718.	10.3	122
56	Experimental evidence of hourglass fermion in the candidate nonsymmorphic topological insulator KHgSb . Science Advances, 2017, 3, e1602415.	10.3	121
57	Occurrence of van Hove singularities in $\text{YBa}_2\text{Cu}_4\text{O}_8$ and $\text{YBa}_2\text{Cu}_3\text{O}_{6.9}$. Journal of Physics and Chemistry of Solids, 1993, 54, 1193-1198.	4.0	118
58	Electronic structure of heavily electron-doped $\text{BaFe}_{1.7}\text{Co}_{0.3}\text{As}_2$ studied by angle-resolved photoemission. New Journal of Physics, 2009, 11, 025020.	2.9	117
59	Observation of Fermi-Arc Spin Texture in TaAs. Physical Review Letters, 2015, 115, 217601.	7.8	115
60	Angle-Resolved Photoemission Spectroscopy of the Iron-Chalcogenide Superconductor $\text{FeTe}_{1-x}\text{Se}_x$: Strong Coupling Behavior and the Universality of Interband Scattering. Physical Review Letters, 2010, 105, 197001.	7.8	111
61	Local antiferromagnetic exchange and collaborative Fermi surface as key ingredients of high temperature superconductors. Scientific Reports, 2012, 2, 381.	3.3	110
62	Epitaxial Growth of Honeycomb Monolayer CuSe with Dirac Nodal Line Fermions. Advanced Materials, 2018, 30, e1707055.	21.0	110
63	Direct observation of particle-hole mixing in the superconducting state by angle-resolved photoemission. Physical Review B, 1996, 53, R14737-R14740.	3.2	109
64	Three-component fermions with surface Fermi arcs in tungsten carbide. Nature Physics, 2018, 14, 349-354.	16.7	109
65	Evidence for Topological Edge States in a Large Energy Gap near the Step Edges on the Surface of ZrTe_5 . Physical Review X, 2016, 6, 041045.	8.9	105
66	Observation of a ubiquitous three-dimensional superconducting gap function in optimally doped $\text{Ba}_0.6\text{K}_{0.4}\text{Fe}_2\text{As}_2$. Nature Physics, 2011, 7, 198-202.	16.7	101
67	Persistent high-energy spin excitations in iron-pnictide superconductors. Nature Communications, 2013, 4, 1470.	12.8	101
68	Observation of Band Renormalization Effects in Hole-Doped High-Tc Superconductors. Physical Review Letters, 2003, 91, 157003.	7.8	100
69	Iron pnictides and chalcogenides: a new paradigm for superconductivity. Nature, 2022, 601, 35-44.	27.8	98
70	Coexistence of Competing Orders with Two Energy Gaps in Real and Momentum Space in the High Temperature Superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. Physical Review Letters, 2008, 101, 207002.	7.8	96
71	Collective modes and the superconducting-state spectral function of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. Physical Review B, 1998, 57, R11089-R11092.	3.2	93
72	Electronic structure of optimally doped pnictide $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$: a comprehensive angle-resolved photoemission spectroscopy investigation. Journal of Physics Condensed Matter, 2011, 23, 135701.	1.8	88

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73	Evolution of the pseudogap across the magnet superconductor phase boundary of $KxFe_2As_2$. Physical Review Letters, 2009, 102, 047003.	3.2	86
74	Evolution of the pseudogap across the magnet superconductor phase boundary of $KxFe_2As_2$. Physical Review Letters, 2009, 102, 047003.	3.2	85
75	A new Majorana platform in an Fe-As bilayer superconductor. Nature Communications, 2020, 11, 5688.	12.8	84
76	Electron Correlation and Fermi Surface Topology of $NaxCoO_2$. Physical Review Letters, 2005, 94, 206401.	7.8	83
77	Enhanced superconductivity accompanying a Lifshitz transition in electron-doped FeSe monolayer. Nature Communications, 2017, 8, 14988.	12.8	77
78	Inhomogeneous d-wave superconducting state of a doped Mott insulator. Physical Review B, 2002, 65, .	3.2	75
79	Possible nodal superconducting gap and Lifshitz transition in heavily hole-doped $BaFe_2As_2$. Physical Review Letters, 2009, 102, 047003.	3.2	75
80	Possible nodal superconducting gap and Lifshitz transition in heavily hole-doped $BaFe_2As_2$. Physical Review Letters, 2009, 102, 047003.	3.2	74
81	A distinct bosonic mode in an electron-doped high-transition-temperature superconductor. Nature, 2007, 450, 1058-1061.	27.8	73
82	Emergence of topological bands on the surface of ZrSnTe crystal. Physical Review B, 2016, 93, .	3.2	73
83	Fermi surface dichotomy of the superconducting gap and pseudogap in underdoped pnictides. Nature Communications, 2011, 2, 394.	12.8	72
84	Interatomic Coulomb interaction and electron nematic bond order in FeSe. Physical Review B, 2016, 93, .	3.2	72
85	Angle-Resolved Photoemission Spectroscopy of the Fe-Based $KxFe_2As_2$. Physical Review Letters, 2009, 102, 047003.	7.8	68
86	Observation of strong electron pairing on bands without Fermi surfaces in $LiFe_1-xCo_xAs$. Nature Communications, 2015, 6, 6056.	12.8	68
87	Raman scattering investigation of large positive magnetoresistance material WTe_2 . Applied Physics Letters, 2015, 106, 081906.	3.3	66
88	Determination of the Fermi surface in high- T_c superconductors by angle-resolved photoemission spectroscopy. Physical Review B, 2001, 63, .	3.2	65
89	Electron-hole asymmetry in the superconductivity of doped $BaFe_2As_2$. Physical Review B, 2011, 83, .	3.2	65
90	Evidence of topological insulator state in the semimetal LaBi. Physical Review B, 2017, 95, .	3.2	65

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91	Gap anisotropy in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ by ultrahigh-resolution angle-resolved photoemission. <i>Physical Review B</i> , 1994, 50, 1333-1336.	3.2	63
92	Observation of a Novel Orbital Selective Mott Transition in CaSr_2As_2 . <i>Physical Review Letters</i> , 2009, 103, 097001.	7.8	61
93	Angle-resolved photoemission study of Sr_2RuO_4 . <i>Physical Review B</i> , 1996, 54, 13311-13318.	3.2	60
94	$\text{FeTe}_{1-x}\text{Se}_x$ monolayer films: towards the realization of high-temperature connate topological superconductivity. <i>Science Bulletin</i> , 2017, 62, 503-507.	9.0	59
95	Ultrafast carrier dynamics in the large-magnetoresistance material WTe_2 . <i>Physical Review B</i> , 2015, 92, 080401.	3.2	58
96	Evolution from a Nodeless Gap to a Nodal Gap in Underdoped $\text{La}_{2-x}\text{Ce}_x\text{CuO}_4$. <i>Physical Review B</i> , 2016, 94, 080401.	7.8	54
97	ARPES study of the superconducting gap and pseudogap in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$. <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 1888-1891.	3.2	54
98	ARPES study of the superconducting gap and pseudogap in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$. <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 1888-1891.	4.0	53
99	Impurity effects on electron-phonon mode coupling in high-temperature superconductors. <i>Nature Physics</i> , 2006, 2, 27-31.	16.7	52
100	Emergence of Nontrivial Low-Energy Dirac Fermions in Antiferromagnetic EuCd_2As_2 . <i>Advanced Materials</i> , 2020, 32, e1907565.	21.0	51
101	Dynamical Correlations and Screened Exchange on the Experimental Bench: Spectral Properties of the Cobalt Pnictide BaCo_2As_2 . <i>Physical Review Letters</i> , 2014, 113, 266403.	7.8	50
102	Magnetic topological insulator $\text{MnBi}_6\text{Te}_{10}$ with a zero-field ferromagnetic state and gapped Dirac surface states. <i>Physical Review B</i> , 2020, 102, .	3.2	50
103	Extraction of the electron self-energy from angle-resolved photoemission data: Application to $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$. <i>Physical Review B</i> , 1999, 60, 7585-7590.	3.2	49
104	Orbital characters determined from Fermi surface intensity patterns using angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2012, 85, .	3.2	48
105	Observation of anomalous temperature dependence of spectrum on small Fermi surfaces in a BiS_2 -based superconductor. <i>Physical Review B</i> , 2014, 90, .	3.2	48
106	Quasiparticle interference evidence of the topological Fermi arc states in chiral fermionic semimetal CoSi . <i>Science Advances</i> , 2019, 5, eaaw9485.	10.3	46
107	Experimental observation of bulk nodal lines and electronic surface states in ZrB_2 . <i>Npj Quantum Materials</i> , 2018, 3, .	5.2	44
108	Observation of a nodal chain with Dirac surface states in TiB_2 . <i>Physical Review B</i> , 2018, 97, .	3.2	44

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109	Majorana zero modes in impurity-assisted vortex of LiFeAs superconductor. Nature Communications, 2021, 12, 4146.	12.8	44
110	Exotic Kondo crossover in a wide temperature region in the topological Kondo insulator SmB ₆ revealed by high-resolution ARPES. Physical Review B, 2014, 90, .	3.2	43
111	Electronic Band Structure of BaCo_2As_2 A Fully Doped Ferropnictide Analog with Reduced Electronic Correlations. Physical Review X, 2013, 3, .	3.2	41
112	ARPES measurements of the superconducting gap of Fe-based superconductors and their implications to the pairing mechanism. Journal of Physics Condensed Matter, 2015, 27, 293203.	1.8	40
113	Three Dimensionality and Orbital Characters of the Fermi Surface in $\text{TlRbTl}_2\text{Te}_2$. Physical Review Letters, 2012, 109, 037003.	3.2	39
114	Spectral properties of transition metal pnictides and chalcogenides: Angle-resolved photoemission spectroscopy and dynamical mean-field theory. Comptes Rendus Physique, 2016, 17, 140-163.	0.9	38
115	Fermi Surface Topology of $\text{Ca}_{1.5}\text{Sr}_{0.5}\text{RuO}_4$ Determined by Angle-Resolved Photoelectron Spectroscopy. Physical Review Letters, 2004, 93, 177007.	7.8	37
116	Evolution from incoherent to coherent electronic states and its implications for superconductivity in $\text{FeTe}_x\text{Se}_{1-x}$. Physical Review B, 2014, 90, .	3.2	37
117	Evidence of a Coulomb-Interaction-Induced Lifshitz Transition and Robust Hybrid Weyl Semimetal in TaTe_3 . Physical Review Letters, 2014, 113, 076401.	7.8	37
118	Observation of topological transition in high- T_c superconducting monolayer $\text{FeTe}_x\text{Se}_{1-x}$ films on Sr_2RuO_4 . Physical Review Letters, 2004, 92, 137002.	3.2	37
119	Quasiparticle Line Shape of Sr_2RuO_4 and Its Relation to Anisotropic Transport. Physical Review Letters, 2004, 92, 137002.	7.8	36
120	Observation of an isotropic superconducting gap at the Brillouin zone centre of $\text{Tl}_{0.63}\text{K}_{0.37}\text{Fe}_{1.78}\text{Se}_2$. Europhysics Letters, 2012, 99, 67001.	2.0	36
121	Raman scattering investigation of the electron-phonon coupling in superconducting $\text{Nd}(\text{O},\text{F})\text{BiS}_2$. Physical Review B, 2014, 90, .	3.2	36
122	Orbital-differentiated coherence-incoherence crossover identified by photoemission spectroscopy in LiFeAs. Physical Review B, 2016, 94, .	3.2	36
123	Correlating Off-Stoichiometric Doping and Nanoscale Electronic Inhomogeneity in the High- T_c Superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physical Review Letters, 2007, 98, 076401.	7.8	35
124	Spin-Fluctuation-Induced Non-Fermi-Liquid Behavior with Suppressed Superconductivity in $\text{LiFe}_x\text{Te}_{1-x}$. Physical Review X, 2015, 5, .	8.9	35
125	Chiral fermion reversal in chiral crystals. Nature Communications, 2019, 10, 5505. Effects of Ru substitution on electron correlations and Fermi-surface dimensionality in $\text{Ba}(\text{Fe}_{1-x}\text{Ru}_x)_2\text{As}_2$. Physical Review B, 2014, 90, .	12.8	35
126		3.2	34

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127	Evidence for a hole-like Fermi surface of Bi ₂ Sr ₂ CuO ₆ from temperature-dependent angle-resolved photoemission spectroscopy. Physical Review B, 2001, 64, .	3.2	33
128	Evolution of electronic structure upon Cu doping in the topological insulator Bi ₂ Se ₃ . Physical Review B, 2012, 85, .	3.2	33
129	Binary Two-Dimensional Honeycomb Lattice with Strong Spin-Orbit Coupling and Electron-Hole Asymmetry. Physical Review Letters, 2018, 121, 126801.	7.8	33
130	Observation of magnetic adatom-induced Majorana vortex and its hybridization with field-induced Majorana vortex in an iron-based superconductor. Nature Communications, 2021, 12, 1348.	12.8	33
131	Observation of Dirac-like band dispersion in LaAgSb ₂ . Physical Review B, 2016, 93, .	3.2	31
132	Observation of multiple types of topological fermions in PdBiSe. Physical Review B, 2019, 99, .	3.2	31
133	Doping evolution of the charge excitations and electron correlations in electron-doped superconducting La _{2-x} Ce _x CuO ₄ . Npj Quantum Materials, 2020, 5, .	5.2	31
134	Observation of well-defined quasiparticles at a wide energy range in a quasi-two-dimensional system. Physical Review B, 2014, 90, .	3.2	30
135	Raman study of lattice dynamics in the Weyl semimetal TaAs. Physical Review B, 2015, 92, .	3.2	30
136	Competition between Antiferromagnetism and Superconductivity in the Electron-Doped Cuprates Triggered by Oxygen Reduction. Physical Review Letters, 2007, 99, 157002.	7.8	29
137	Coexistence of orbital degeneracy lifting and superconductivity in iron-based superconductors. Physical Review B, 2014, 89, .	3.2	29
138	Multiorbital charge-density wave excitations and concomitant phonon anomalies in Bi ₂ Sr ₂ LaCuO ₆ . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16219-16225.	7.1	29
139	Fast dynamics waning in topological Dirac semimetal Cd ₃ As ₂ . Physical Review B, 2017, 95, 120407.	3.2	28
140	Polarization selection rules and superconducting gap anisotropy in Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review B, 1995, 52, 15107-15110.	3.2	27
141	Systematics of electronic structure and interactions in Bi ₂ Sr ₂ Ca _{n-1} Cu _n O _{2n+4} (n=1-3) by angle-resolved photoemission spectroscopy. Physical Review B, 2003, 67, .	3.2	27
142	Effect of Li-deficiency impurities on the electron-overdoped LiFeAs superconductor. Physical Review B, 2012, 86, .	3.2	27
143	Distinct Evolutions of Weyl Fermion Quasiparticles and Fermi Arcs with Bulk Band Topology in Weyl Semimetals. Physical Review Letters, 2017, 118, 106406.	7.8	27
144	Topologically Entangled Rashba-Split Shockley States on the Surface of Grey Arsenic. Physical Review Letters, 2017, 118, 046802.	7.8	27

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145	Anisotropic softening of magnetic excitations in lightly electron-doped Sr ₂ IrO ₄ . Physical Review B, 2016, 93, .	3.2	26
146	Airâ€ Stable Monolayer Cu ₂ Se Exhibits a Purely Thermal Structural Phase Transition. Advanced Materials, 2020, 32, e1908314.	21.0	26
147	Doping evolution of the chemical potential, spin-correlation gap, and charge dynamics of Nd _{2-x} Ce _x CuO ₄ . Physical Review B, 2006, 73, .	3.2	25
148	Fine details of the nodal electronic excitations in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review B, 2006, 73, .	3.2	25
149	Quasinested Fe orbitals versus Mott-insulating V orbitals in superconducting Sr ₂ VFeAsO ₃ seen from angle-resolved photoemission. Physical Review B, 2011, 83, .	3.2	25
150	Observation of a Van Hove singularity and implication for strong-coupling induced Cooper pairing in KFe ₂ As ₂ . Physical Review B, 2015, 92, .	3.2	25
151	Determining the chirality of Weyl fermions from circular dichroism spectra in time-dependent angle-resolved photoemission. Physical Review B, 2016, 93, .	3.2	25
152	Trivial topological phase of CaAgP and the topological nodal-line transition in CaAgP. Physical Review B, 2017, 96, .	3.2	25
153	Observation of open orbit Fermi surface topology in the extremely large magnetoresistance semimetal MoAs ₂ . Physical Review B, 2017, 96, .	3.2	24
154	Sizable Band Gap in Epitaxial Bilayer Graphene Induced by Silicene Intercalation. Nano Letters, 2020, 20, 2674-2680.	9.1	23
155	Momentum Dependence of the Superconducting Gap in Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review Letters, 1995, 75, 1425-1425.	7.8	21
156	Angle-resolved and resonant photoemission spectroscopy on heavy-fermion superconductors Ce ₂ CoIn ₈ and Ce ₂ RhIn ₈ . Physical Review B, 2005, 71, .	3.2	21
157	Correlation-Induced Self-Doping in the Iron-Pnictide Superconductor Ba _{1-x} Ti _x O. Physical Review Letters, 2014, 113, 266407.	7.8	21
158	The anomaly Cu doping effects on LiFeAs superconductors. Journal of Physics Condensed Matter, 2014, 26, 435703.	1.8	21
159	Topological electronic states in HfRuP family superconductors. Npj Computational Materials, 2019, 5, .	8.7	21
160	Tuning electronic correlations in transition metal pnictides: Chemistry beyond the valence count. Physical Review B, 2015, 91, .	3.2	20
161	Observation of a Raman-active phonon with Fano line shape in the quasi-one-dimensional superconductor K ₂ Cr ₃ . Physical Review B, 2015, 92, .	3.2	20
162	Two- to Three-Dimensional Crossover in the Electronic Structure of (Bi,Pb) ₂ (Sr,La) ₂ CuO ₆ + δ from Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2005, 95, 227004.	7.8	19

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163	Superconductivity and electronic fluctuations in KxFe_2As_2 studied by Raman scattering. <i>Physical Review B</i> , 2017, 95, .	3.2	19
164	Electronic structure of SrSn_2As_2 near the topological critical point. <i>Scientific Reports</i> , 2017, 7, 6133.	3.3	19
165	Evolution of Fermi surface and normal-state gap in the chemically substituted cuprates $\text{Bi}_2\text{Sr}_{2-x}\text{Bi}_x\text{CuO}_6$. <i>Physical Review B</i> , 2009, 79, .	3.2	18
166	Pressure-induced competition between superconductivity and Kondo effect in CeFeAsO_{1-x} ($x=0.16$ and 0.3). <i>Europhysics Letters</i> , 2010, 91, 57008.	2.0	18
167	Observation of an electron band above the Fermi level in $\text{FeTe}_{0.55}\text{Se}_{0.45}$ from <i>in-situ</i> surface doping. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	18
168	Experimental evidence of anomalously large superconducting gap on topological surface state of $\hat{\Gamma}_2$ - Bi_2Pd film. <i>Science Bulletin</i> , 2019, 64, 1215-1221.	9.0	18
169	Electronic structure and superconducting energy gap in $\text{Rb}_3\text{C}_6\text{O}$ single crystals studied by photoemission spectroscopy. <i>Physical Review B</i> , 1994, 50, 16566-16569.	3.2	17
170	Hot Spots on the Fermi Surface of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$: Stripes versus Superstructure. <i>Physical Review Letters</i> , 1999, 82, 2618-2618.	7.8	17
171	Three-Dimensional Fermi-Surface Nesting in 1T-VSe_2 Studied by Angle-Resolved Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 3331-3334.	1.6	17
172	Electronic Structure of the Metastable Epitaxial Rock-Salt SnSe 111 Topological Crystalline Insulator. <i>Physical Review X</i> , 2017, 7, .	8.9	17
173	Continuous doping of a cuprate surface: Insights from <i>in situ</i> angle-resolved photoemission. <i>Physical Review B</i> , 2018, 98, .	3.2	17
174	Emergent vortex Majorana zero mode in iron-based superconductors. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 110301.	0.5	17
175	Observation of momentum space semi-localization in Si-doped $\hat{\Gamma}_2$ - Ga_2O_3 . <i>Applied Physics Letters</i> , 2012, 101, .	3.3	16
176	Direct spectroscopic evidence for completely filled $\text{Cu} 3d$ in $\text{BaCu}_2\hat{\Gamma}_2$. <i>Physical Review B</i> , 2015, 91, .	3.2	16
177	Sudden gap closure across the topological phase transition in Bi_2Te_2 . <i>Physical Review B</i> , 2015, 92, .	3.2	16
178	Angle-resolved photoemission observation of Mn-pnictide hybridization and negligible band structure renormalization in BaMn_2 and BaMn_2 . <i>Physical Review B</i> , 2015, 92, .	3.2	16
179	Pentagonal and collapsed tetragonal phases of CaFe_2 . A view from angle-resolved photoemission and dynamical mean-field theory. <i>Physical Review B</i> , 2016, .	3.2	16
180	Universal $2k$ scaling decoupled from the electronic coherence in iron-based superconductors. <i>Physical Review B</i> , 2018, 98, .	3.2	16

#	ARTICLE	IF	CITATIONS
181	Two distinct superconducting states controlled by orientations of local wrinkles in LiFeAs. Nature Communications, 2021, 12, 6312.	12.8	16
182	Design of an ultrahigh-energy-resolution and wide-energy-range soft X-ray beamline. Journal of Synchrotron Radiation, 2014, 21, 273-279.	2.4	15
183	Spin- and angle-resolved photoemission on the topological Kondo insulator candidate: SmB_6 . Journal of Physics Condensed Matter, 2016, 28, 363001.	1.8	15
184	Unconventional magnetization of Fe_3O_4 thin film grown on amorphous SiO_2 substrate. AIP Advances, 2016, 6, .	1.3	15
185	Fermi surface and effective masses in photoemission response of the $(\text{Ba}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$ superconductor. Scientific Reports, 2017, 7, 8787.	3.3	15
186	Observation of a singular Weyl point surrounded by charged nodal walls in PtGa. Nature Communications, 2021, 12, 3994.	12.8	15
187	Unusual electronic structure near E_F in the organic superconductor $\text{[}^{\text{p}}\text{-bis(ethylenedithio)tetrathiafulvalene]}_2\text{Cu[N(CN)}_2\text{]Br}$. Physical Review B, 1995, 51, 6155-6158.	3.2	14
188	Nature of oxygen dopant-induced states in high-temperature $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ superconductors: A photoemission investigation. Physical Review B, 2006, 74, .	3.2	14
189	Dopant-Induced Nanoscale Electronic Inhomogeneities in $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$. Physical Review Letters, 2006, 96, 066401.	7.8	14
190	Observation of Momentum-Confined In-Gap Impurity State in $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$: Evidence for Antiphases \pm Pairing. Physical Review X, 2014, 4, .	8.9	14
191	Comparative Raman study of Weyl semimetals TaAs, NbAs, TaP and NbP. Journal of Physics Condensed Matter, 2016, 28, 295401.	1.8	14
192	Time-Reversal Symmetry Breaking Driven Topological Phase Transition in EuB_6 . Physical Review X, 2021, 11, .	8.9	14
193	Two pseudogaps with different energy scales at the antinode of the high-temperature $\text{Bi}_2\text{Sr}_2\text{CuO}_6$ superconductor using angle-resolved photoemission spectroscopy. Physical Review B, 2011, 83, .	3.2	13
194	Experimental Investigation of the Electronic Structure of $\text{Ca}_{0.83}\text{La}_{0.17}\text{Fe}_2\text{As}_2$. Chinese Physics Letters, 2013, 30, 017402.	3.3	13
195	TiNi_2 correlations in superconducting BaCr_2As_2 . Physical Review B, 2017, 95, 020407.	3.2	13
196	As_2 symmetrical to BaFe_2 . Physical Review B, 2017, 95, 020407.	3.2	13
197	Honeycomb AgSe Monolayer Nanosheets for Studying Two-dimensional Dirac Nodal Line Fermions. ACS Applied Nano Materials, 2021, 4, 8845-8850.	5.0	13
198	Fermiology of $\text{YBa}_2\text{Cu}_4\text{O}_8$. Journal of Physics and Chemistry of Solids, 1992, 53, 1577-1581.	4.0	12

#	ARTICLE	IF	CITATIONS
199	Electronic structure of organic superconductors $\hat{\Gamma}^2$ -(ET) ₂ Cu[N(CN) ₂]Br, $\hat{\Gamma}^2$ -(ET) ₂ Cu(NCS) ₂ , and $\hat{\Gamma}^2$ -(ET) ₂ I ₃ studied by photoelectron spectroscopy. <i>Physical Review B</i> , 1995, 51, 13000-13004.	3.2	12
200	Angle-resolved photoemission spectroscopy study on the Fermi surface topology of NaCoO ₂ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 355004.	1.8	12
201	Observation of non-Fermi liquid behavior in hole-doped LiFe _{1-x} V _x As. <i>Physical Review B</i> , 2016, 94, .	3.2	12
202	Coexistence of clean- and dirty-limit superconductivity in LiFeAs. <i>Physical Review B</i> , 2016, 93, .	3.2	12
203	Photoemission from the high T _c superconductors. <i>Journal of Low Temperature Physics</i> , 1994, 95, 245-250.	1.4	11
204	Destruction of the Fermi surface in underdoped cuprates. <i>Physica B: Condensed Matter</i> , 1999, 259-261, 517-521.	2.7	11
205	Angle-resolved photoemission spectroscopy observation of anomalous electronic states in EuFe ₂ As ₂ P. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 035702.	1.8	11
206	Magnetic moment evolution and spin freezing in doped BaFe ₂ As ₂ . <i>Scientific Reports</i> , 2017, 7, 8003.	3.3	11
207	Superconducting energy gap in Bi _{1.8} Pb _{0.4} Sr ₂ Ca ₂ Cu ₃ O ₁₀ + $\hat{\Gamma}$ studied by photoemission spectroscopy. <i>Physical Review B</i> , 1995, 51, 1397-1400.	3.2	10
208	Angle-resolved photoemission observation of isotropic superconducting gaps in iso-valent Ru-substituted Ba(Fe _{1-x} Ru _x) ₂ As ₂ . <i>TJ ETQq0 0 0 rgBT /Overlock 10 Tf 50 397 Td (d</i>	3.2	10
209	Raman scattering study of spin-density-wave-induced anisotropic electronic properties in $A_{1-x}Fe_x$ Fe ₂ As ₂ . <i>Journal of Physics Condensed Matter</i> , 2014, 26, 035702.		

#	ARTICLE	IF	CITATIONS
217	Orbital characters and near two-dimensionality of Fermi surfaces in NaFe $1-x$ CoxAs. Applied Physics Letters, 2012, 101, .	3.3	8
218	Coupled commensurate charge density wave and lattice distortion in Na 2 O		

#	ARTICLE	IF	CITATIONS
235	Band reflection and surface reconstruction in Sr ₂ RuO ₄ . Physica C: Superconductivity and Its Applications, 2001, 364-365, 594-599.	1.2	5
236	Angle-resolved photoemission studies of the superconducting gap symmetry in Fe-based superconductors. AIP Advances, 2012, 2, 041409.	1.3	5
237	Growth of (Na _x K _y)Fe _z Se ₂ crystals by chlorides flux at low temperatures. Journal of Crystal Growth, 2014, 405, 1-5.	1.5	5
238	Observation of Strong-Coupling Pairing with Weakened Fermi-Surface Nesting at Optimal Hole Doping in Ca _{0.33} Na _{0.67} Fe ₂ As ₂ . Chinese Physics Letters, 2014, 31, 067403.	3.3	5
239	Spatially Resolved X-ray Photoemission Electron Microscopy of Weyl Semimetal NbAs. Crystal Growth and Design, 2018, 18, 5210-5213.	3.0	5
240	Observation of flat bands due to band hybridization in the 3d -electron heavy-fermion compound CaCu ₃ Ru ₄ O ₁₂ . Physical Review B, 2020, 102, .	3.2	5
241	Discovery of \hat{C}_2 rotation anomaly in topological crystalline insulator SrPb. Nature Communications, 2021, 12, 2052.	12.8	5
242	Coupling of fully symmetric As phonon to magnetism in $Ba_{1-x}Bi_x$. Physical Review B, 2020, 102, .	3.2	5
243	Electronic structure and open-orbit Fermi surface topology in isostructural semimetals NbAs ₂ and W ₂ As ₃ with extremely large magnetoresistance. Applied Physics Letters, 2022, 120, .	3.3	5
244	ELECTRON SELF-ENERGY OF HIGH TEMPERATURE SUPERCONDUCTORS AS REVEALED BY ANGLE-RESOLVED PHOTOEMISSION. Journal of Physics and Chemistry of Solids, 1998, 59, 1902-1906.	4.0	4
245	High-resolution ARPES study of electron-doped Fe-based superconductor BaFe _{1.85} Co _{0.15} As ₂ . Physica C: Superconductivity and Its Applications, 2010, 470, S440-S442.	1.2	4
246	Angle-resolved spectroscopy study of Ni-based superconductor $SrNi_2As_2$. Physical Review B, 2016, 94, .	3.2	4
247	Giant Chern number of a Weyl nodal surface without upper limit. Physical Review B, 2022, 105, .	3.2	4
248	ARPES study of quasiparticle state in electron-doped cuprate Nd _{2-x} Ce _x CuO ₄ . Journal of Physics and Chemistry of Solids, 2006, 67, 249-253.	4.0	3
249	Growth of High-Quality Superconducting FeSe _{0.5} Te _{0.5} Thin Films Suitable for Angle-Resolved Photoemission Spectroscopy Measurements via Pulsed Laser Deposition. Chinese Physics Letters, 2015, 32, 087401.	3.3	3
250	Robustness of topological states with respect to lattice instability in the nonsymmorphic topological insulator KHgSb. Physical Review B, 2017, 96, .	3.2	3
251	Destruction of the Fermi Surface in Underdoped Cuprates. Springer Series in Solid-state Sciences, 1999, , 152-162.	0.3	3
252	In-plane electronic anisotropy resulted from ordered magnetic moment in iron-based superconductors. Physical Review Research, 2020, 2, .	3.6	3

#	ARTICLE	IF	CITATIONS
253	Reconstruction of the 3-D Atomic Structure of CoSi ₂ (111) by Photoelectron Holography. Materials Research Society Symposia Proceedings, 1993, 307, 279.	0.1	2
254	PROXIMITY OF THE METAL-INSULATOR/MAGNETIC TRANSITION AND ITS IMPACT ON THE ONE-ELECTRON SPECTRAL FUNCTION: A DOPING-DEPENDENT ARPES STUDY. International Journal of Modern Physics B, 2000, 14, 3596-3601.	2.0	2
255	Zn-substitution effects on the low-energy quasiparticles in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ studied by angle-resolved photoemission spectroscopy. Journal of Physics and Chemistry of Solids, 2002, 63, 1069-1072.	4.0	2
256	Direct observation of superconducting gaps in MgB ₂ by angle-resolved photoemission spectroscopy. Physica C: Superconductivity and Its Applications, 2004, 408-410, 102-103.	1.2	2
257	Strongly momentum-dependent screening dynamics in La _{1-x} Mn _x O ₂ . $\text{Sr}_{0.5}\text{MnO}$ MnO	3.2	2
258	Quantitative Characterization of the Nanoscale Local Lattice Strain Induced by Sr Dopants in La _{1.92} Sr _{0.08} CuO ₄ . Physical Review Letters, 2018, 120, 197001.	7.8	2
259	Hund's superconductor Li(Fe,Co)As. Physical Review B, 2021, 103, .	3.2	2
260	Suppression of antiferromagnetic order in the electron-doped cuprate Tâ€²âˆ²La ₂ x _{Cex} CuO ₄ ± δ . Physical Review B, 2021, 104, .	3.2	2
261	Antinodal kink in the band dispersion of electron-doped cuprate La ₂ x _{Cex} CuO ₄ ± δ . Npj Quantum Materials, 2022, 7, .	5.2	2
262	CHANGES IN SUPERCONDUCTING GAP ANISOTROPY WITH DOPING AND IMPLICATIONS FOR THE PENETRATION DEPTH. International Journal of Modern Physics B, 1999, 13, 3709-3711.	2.0	1
263	Superconducting gap, pseudogap, and fermi surface of Bi ₂₂₀₁ : High energy- and momentum-resolution photoemission study. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2091-2094.	1.2	1
264	High-resolution angle-resolved photoemission study of Pb-substituted Bi ₂₂₀₁ . Journal of Physics and Chemistry of Solids, 2001, 62, 157-161.	4.0	1
265	Low Energy Excitation in Bi ₂ Sr ₂ Can-1CunO _{2n+4} (n = 1-3) Studied by High-Resolution Arpes. International Journal of Modern Physics B, 2003, 17, 3554-3558.	2.0	1
266	Spectral evidence for Bogoliubov quasiparticle in triple-layered high-T _c superconductor Bi ₂ Sr ₂ Ca ₂ Cu ₃ O ₁₀ . Physica C: Superconductivity and Its Applications, 2004, 408-410, 814-815.	1.2	1
267	Magnetic interaction in hole-doped high-T _c superconductors observed by angle-resolved photoemission spectroscopy. Physica C: Superconductivity and Its Applications, 2004, 412-414, 51-58.	1.2	1
268	Emergence of the nodal portion of the Fermi surface due to the reduction process in the electron-doped cuprates. Physica B: Condensed Matter, 2008, 403, 1170-1172.	2.7	1
269	Universal character of CoO ₂ plane studied by high-resolution angle-resolved photoemission. Physica B: Condensed Matter, 2008, 403, 1086-1088.	2.7	1
270	Characterization of superconducting FeSe _{0.5} Te _{0.5} hot electron bolometer. , 2015, , .		1

