

Hong Ding

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

277
papers

18,867
citations

71
h-index

133
g-index

288
ext. papers

21,418
ext. citations

7.3
avg. IF

6.19
L-index

#	Paper	IF	Citations
277	Iron pnictides and chalcogenides: a new paradigm for superconductivity.. <i>Nature</i> , 2022 , 601, 35-44	50.4	3
276	Observation of an Incommensurate Charge Density Wave in Monolayer TiSe ₂ /CuSe/Cu(111) Heterostructure.. <i>Physical Review Letters</i> , 2022 , 128, 026401	7.4	1
275	Creation of a novel inverted charge density wave state.. <i>Structural Dynamics</i> , 2022 , 9, 014501	3.2	0
274	Consecutive topological transitions of helical Fermi arcs at saddle points in CoSi. <i>Science China: Physics, Mechanics and Astronomy</i> , 2022 , 65, 1	3.6	
273	Electronic structure and open-orbit Fermi surface topology in isostructural semimetals NbAs ₂ and WAs ₃ with extremely large magnetoresistance. <i>Applied Physics Letters</i> , 2022 , 120, 123101	3.4	1
272	Two distinct superconducting states controlled by orientations of local wrinkles in LiFeAs. <i>Nature Communications</i> , 2021 , 12, 6312	17.4	1
271	Observation of magnetic adatom-induced Majorana vortex and its hybridization with field-induced Majorana vortex in an iron-based superconductor. <i>Nature Communications</i> , 2021 , 12, 1348	17.4	7
270	Unraveling the Orbital Physics in a Canonical Orbital System KCuF ₃ . <i>Physical Review Letters</i> , 2021 , 126, 106401	7.4	1
269	Discovery of [Formula: see text] rotation anomaly in topological crystalline insulator SrPb. <i>Nature Communications</i> , 2021 , 12, 2052	17.4	1
268	Time-Reversal Symmetry Breaking Driven Topological Phase Transition in EuB ₆ . <i>Physical Review X</i> , 2021 , 11,	9.1	3
267	Experimental perspective on three-dimensional topological semimetals. <i>Reviews of Modern Physics</i> , 2021 , 93,	40.5	35
266	Observation of a singular Weyl point surrounded by charged nodal walls in PtGa. <i>Nature Communications</i> , 2021 , 12, 3994	17.4	1
265	Majorana zero modes in impurity-assisted vortex of LiFeAs superconductor. <i>Nature Communications</i> , 2021 , 12, 4146	17.4	3
264	Hund η superconductor Li(Fe,Co)As. <i>Physical Review B</i> , 2021 , 103,	3.3	1
263	Honeycomb AgSe Monolayer Nanosheets for Studying Two-dimensional Dirac Nodal Line Fermions. <i>ACS Applied Nano Materials</i> , 2021 , 4, 8845-8850	5.6	5
262	Sizable Band Gap in Epitaxial Bilayer Graphene Induced by Silicene Intercalation. <i>Nano Letters</i> , 2020 , 20, 2674-2680	11.5	14
261	Air-Stable Monolayer Cu Se Exhibits a Purely Thermal Structural Phase Transition. <i>Advanced Materials</i> , 2020 , 32, e1908314	24	12

260	Observation of flat bands due to band hybridization in the 3d-electron heavy-fermion compound CaCu ₃ Ru ₄ O ₁₂ . <i>Physical Review B</i> , 2020 , 102,	3.3	2
259	Multiorbital charge-density wave excitations and concomitant phonon anomalies in BiSrLaCuO. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16219-16225	11.5	9
258	Emergence of Nontrivial Low-Energy Dirac Fermions in Antiferromagnetic EuCd As. <i>Advanced Materials</i> , 2020 , 32, e1907565	24	14
257	Doping evolution of the charge excitations and electron correlations in electron-doped superconducting La _{2-x} Ce _x CuO ₄ . <i>Npj Quantum Materials</i> , 2020 , 5,	5	14
256	Emergent vortex Majorana zero mode in iron-based superconductors. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 110301	0.6	4
255	Coupling of fully symmetric As phonon to magnetism in Ba(Fe _{1-x} Aux) ₂ As ₂ . <i>Physical Review B</i> , 2020 , 102,	3.3	1
254	Nearly quantized conductance plateau of vortex zero mode in an iron-based superconductor. <i>Science</i> , 2020 , 367, 189-192	33.3	80
253	Magnetic topological insulator MnBi ₆ Te ₁₀ with a zero-field ferromagnetic state and gapped Dirac surface states. <i>Physical Review B</i> , 2020 , 102,	3.3	23
252	A new Majorana platform in an Fe-As bilayer superconductor. <i>Nature Communications</i> , 2020 , 11, 5688	17.4	22
251	Orbital selectivity of layer-resolved tunneling in the iron-based superconductor Ba _{0.6} K _{0.4} Fe ₂ As ₂ . <i>Physical Review B</i> , 2020 , 102,	3.3	4
250	Observation of topological transition in high-T _c superconducting monolayer FeTe _{1-x} Sex films on SrTiO ₃ (001). <i>Physical Review B</i> , 2019 , 100,	3.3	19
249	Angle-resolved photoemission spectroscopy and its application to topological materials. <i>Nature Reviews Physics</i> , 2019 , 1, 609-626	23.6	91
248	Observation of multiple types of topological fermions in PdBiSe. <i>Physical Review B</i> , 2019 , 99,	3.3	15
247	Dirac nodal surfaces and nodal lines in ZrSiS. <i>Science Advances</i> , 2019 , 5, eaau6459	14.3	53
246	Observation of unconventional chiral fermions with long Fermi arcs in CoSi. <i>Nature</i> , 2019 , 567, 496-499	50.4	129
245	Majorana gets an iron twist. <i>National Science Review</i> , 2019 , 6, 196-197	10.8	4
244	Realization of low-energy type-II Dirac fermions in (Ir _{1-x} Pt _x)Te ₂ superconductors. <i>Chinese Physics B</i> , 2019 , 28, 037103	1.2	4
243	Half-integer level shift of vortex bound states in an iron-based superconductor. <i>Nature Physics</i> , 2019 , 15, 1181-1187	16.2	69

242	Spin fluctuation induced Weyl semimetal state in the paramagnetic phase of EuCdAs. <i>Science Advances</i> , 2019 , 5, eaaw4718	14.3	48
241	Experimental evidence of anomalously large superconducting gap on topological surface state of EBi2Pd film. <i>Science Bulletin</i> , 2019 , 64, 1215-1221	10.6	12
240	Hybridization Effects Revealed by Angle-Resolved Photoemission Spectroscopy in Heavy-Fermion Ce2IrIn8. <i>Chinese Physics Letters</i> , 2019 , 36, 097101	1.8	4
239	Chiral fermion reversal in chiral crystals. <i>Nature Communications</i> , 2019 , 10, 5505	17.4	17
238	Quasiparticle interference evidence of the topological Fermi arc states in chiral fermionic semimetal CoSi. <i>Science Advances</i> , 2019 , 5, eaaw9485	14.3	15
237	Topological electronic states in HfRuP family superconductors. <i>Npj Computational Materials</i> , 2019 , 5,	10.9	7
236	Multiple topological states in iron-based superconductors. <i>Nature Physics</i> , 2019 , 15, 41-47	16.2	96
235	Observation of topological superconductivity on the surface of an iron-based superconductor. <i>Science</i> , 2018 , 360, 182-186	33.3	290
234	Epitaxial Growth of Honeycomb Monolayer CuSe with Dirac Nodal Line Fermions. <i>Advanced Materials</i> , 2018 , 30, e1707055	24	72
233	Trivial topological phase of CaAgP and the topological nodal-line transition in CaAg(P1-xAsx). <i>Physical Review B</i> , 2018 , 97,	3.3	14
232	Three-component fermions with surface Fermi arcs in tungsten carbide. <i>Nature Physics</i> , 2018 , 14, 349-354	16.2	75
231	Spatially Resolved X-ray Photoemission Electron Microscopy of Weyl Semimetal NbAs. <i>Crystal Growth and Design</i> , 2018 , 18, 5210-5213	3.5	3
230	Universal $2\hbar v_F/k_B T_c$ scaling decoupled from the electronic coherence in iron-based superconductors. <i>Physical Review B</i> , 2018 , 98,	3.3	13
229	Observation of a nodal chain with Dirac surface states in TiB2. <i>Physical Review B</i> , 2018 , 97,	3.3	26
228	Quantitative Characterization of the Nanoscale Local Lattice Strain Induced by Sr Dopants in La _{1.92} Sr _{0.08} CuO ₄ . <i>Physical Review Letters</i> , 2018 , 120, 197001	7.4	1
227	Evidence for Majorana bound states in an iron-based superconductor. <i>Science</i> , 2018 , 362, 333-335	33.3	299
226	Microscopic Electronic Inhomogeneity in the High-Tc Superconductor Bi2Sr2CaCu2O8+x. <i>Peking University-World Scientific Advanced Physics Series</i> , 2018 , 77-88	0	
225	Extraction of tight binding parameters from in-situ ARPES on the continuously doped surface of cuprates. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018 , 61, 1	3.6	1

224	Evidence of a Coulomb-Interaction-Induced Lifshitz Transition and Robust Hybrid Weyl Semimetal in T _d -MoTe ₂ . <i>Physical Review Letters</i> , 2018 , 121, 136401	7.4	25
223	Continuous doping of a cuprate surface: Insights from in situ angle-resolved photoemission. <i>Physical Review B</i> , 2018 , 98,	3.3	5
222	Phase transition and electronic structure evolution of MoTe ₂ induced by W substitution. <i>Physical Review B</i> , 2018 , 98,	3.3	5
221	Binary Two-Dimensional Honeycomb Lattice with Strong Spin-Orbit Coupling and Electron-Hole Asymmetry. <i>Physical Review Letters</i> , 2018 , 121, 126801	7.4	27
220	Experimental observation of bulk nodal lines and electronic surface states in ZrB ₂ . <i>Npj Quantum Materials</i> , 2018 , 3,	5	27
219	Coexistence of Polaronic States and Superconductivity in Iron-Pnictide Compound Ba ₂ Ti ₂ Fe ₂ As ₄ O. <i>Chinese Physics Letters</i> , 2018 , 35, 057401	1.8	
218	Engineering the Structural and Electronic Phases of MoTe through W Substitution. <i>Nano Letters</i> , 2017 , 17, 1616-1622	11.5	99
217	Distinct Evolutions of Weyl Fermion Quasiparticles and Fermi Arcs with Bulk Band Topology in Weyl Semimetals. <i>Physical Review Letters</i> , 2017 , 118, 106406	7.4	23
216	Topologically Entangled Rashba-Split Shockley States on the Surface of Grey Arsenic. <i>Physical Review Letters</i> , 2017 , 118, 046802	7.4	20
215	Enhanced superconductivity accompanying a Lifshitz transition in electron-doped FeSe monolayer. <i>Nature Communications</i> , 2017 , 8, 14988	17.4	55
214	Experimental evidence of hourglass fermion in the candidate nonsymmorphic topological insulator KHgSb. <i>Science Advances</i> , 2017 , 3, e1602415	14.3	78
213	Observation of three-component fermions in the topological semimetal molybdenum phosphide. <i>Nature</i> , 2017 , 546, 627-631	50.4	231
212	Evidence of topological insulator state in the semimetal LaBi. <i>Physical Review B</i> , 2017 , 95,	3.3	42
211	FeTe _{1-x} Se _x monolayer films: towards the realization of high-temperature connate topological superconductivity. <i>Science Bulletin</i> , 2017 , 62, 503-507	10.6	40
210	Electronic Structure of the Metastable Epitaxial Rock-Salt SnSe {111} Topological Crystalline Insulator. <i>Physical Review X</i> , 2017 , 7,	9.1	8
209	Is BaCr ₂ As ₂ symmetrical to BaFe ₂ As ₂ with respect to half 3d shell filling?. <i>Physical Review B</i> , 2017 , 95,	3.3	9
208	Superconductivity and electronic fluctuations in Ba _{1-x} K _x Fe ₂ As ₂ studied by Raman scattering. <i>Physical Review B</i> , 2017 , 95,	3.3	15
207	Fermi surface and effective masses in photoemission response of the (Ba K)FeAs superconductor. <i>Scientific Reports</i> , 2017 , 7, 8787	4.9	12

206	Magnetic moment evolution and spin freezing in doped BaFeAs. <i>Scientific Reports</i> , 2017 , 7, 8003	4.9	7
205	Raman study of electron-phonon coupling in thin films of the spinel oxide superconductor LiTi ₂ O ₄ . <i>Physical Review B</i> , 2017 , 96,	3.3	3
204	Coherent helix vacancy phonon and its ultrafast dynamics waning in topological Dirac semimetal Cd ₃ As ₂ . <i>Physical Review B</i> , 2017 , 95,	3.3	19
203	Electronic structure of SrSnAs near the topological critical point. <i>Scientific Reports</i> , 2017 , 7, 6133	4.9	13
202	Robustness of topological states with respect to lattice instability in the nonsymmorphic topological insulator KHgSb. <i>Physical Review B</i> , 2017 , 96,	3.3	1
201	Observation of open-orbit Fermi surface topology in the extremely large magnetoresistance semimetal MoAs ₂ . <i>Physical Review B</i> , 2017 , 96,	3.3	14
200	Observation of Weyl nodes and Fermi arcs in tantalum phosphide. <i>Nature Communications</i> , 2016 , 7, 11006	7.4	224
199	Observation of high-T _c superconductivity in rectangular FeSe/SrTiO ₃ (110) monolayers. <i>Physical Review B</i> , 2016 , 94,	3.3	40
198	Compensated Semimetal LaSb with Unsaturated Magnetoresistance. <i>Physical Review Letters</i> , 2016 , 117, 127204	7.4	104
197	Coupled commensurate charge density wave and lattice distortion in Na ₂ Ti ₂ Pn ₂ O (Pn=As,Sb) determined by x-ray diffraction and angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2016 , 94,	3.3	6
196	Disentangling the surface and bulk electronic structures of LaOFeAs. <i>Physical Review B</i> , 2016 , 94,	3.3	4
195	Observation of Dirac-like band dispersion in LaAgSb ₂ . <i>Physical Review B</i> , 2016 , 93,	3.3	17
194	Interplay between multiple charge-density waves and the relationship with superconductivity in PdxHoTe ₃ . <i>Physical Review B</i> , 2016 , 93,	3.3	7
193	Interatomic Coulomb interaction and electron nematic bond order in FeSe. <i>Physical Review B</i> , 2016 , 93,	3.3	52
192	New phase transition in Na ₂ Ti ₂ As ₂ O revealed by Raman scattering. <i>Physical Review B</i> , 2016 , 93,	3.3	7
191	Raman scattering study of spin-density-wave-induced anisotropic electronic properties in AFe ₂ As ₂ (A=Ca, Eu). <i>Physical Review B</i> , 2016 , 93,	3.3	6
190	Determining the chirality of Weyl fermions from circular dichroism spectra in time-dependent angle-resolved photoemission. <i>Physical Review B</i> , 2016 , 93,	3.3	19
189	Anisotropic softening of magnetic excitations in lightly electron-doped Sr ₂ IrO ₄ . <i>Physical Review B</i> , 2016 , 93,	3.3	23

188	Tetragonal and collapsed-tetragonal phases of CaFe ₂ As ₂ : A view from angle-resolved photoemission and dynamical mean-field theory. <i>Physical Review B</i> , 2016 , 93,	3.3	15
187	Evidence for Topological Edge States in a Large Energy Gap near the Step Edges on the Surface of ZrTe ₅ . <i>Physical Review X</i> , 2016 , 6,	9.1	82
186	Emergence of topological bands on the surface of ZrSnTe crystal. <i>Physical Review B</i> , 2016 , 93,	3.3	50
185	Angle-resolved spectroscopy study of Ni-based superconductor SrNi ₂ As ₂ . <i>Physical Review B</i> , 2016 , 94,	3.3	4
184	Orbital-differentiated coherence-incoherence crossover identified by photoemission spectroscopy in LiFeAs. <i>Physical Review B</i> , 2016 , 94,	3.3	32
183	Comparative Raman study of Weyl semimetals TaAs, NbAs, TaP and NbP. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 295401	1.8	10
182	Spectral properties of transition metal pnictides and chalcogenides: Angle-resolved photoemission spectroscopy and dynamical mean-field theory. <i>Comptes Rendus Physique</i> , 2016 , 17, 140-163	1.4	35
181	Coexistence of clean- and dirty-limit superconductivity in LiFeAs. <i>Physical Review B</i> , 2016 , 93,	3.3	10
180	Experimental Investigation of Electronic Structure of La(O,F)BiSe ₂ . <i>Chinese Physics Letters</i> , 2016 , 33, 127401	1.8	
179	Spin- and angle-resolved photoemission on the topological Kondo insulator candidate: SmB ₆ . <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 363001	1.8	10
178	Stress-induced nematicity in EuFe ₂ As ₂ studied by Raman spectroscopy. <i>Physical Review B</i> , 2016 , 94,	3.3	4
177	Unconventional magnetization of Fe ₃ O ₄ thin film grown on amorphous SiO ₂ substrate. <i>AIP Advances</i> , 2016 , 6, 065111	1.5	9
176	Angle-resolved photoemission observation of Mn-pnictide hybridization and negligible band structure renormalization in BaMn ₂ As ₂ and BaMn ₂ Sb ₂ . <i>Physical Review B</i> , 2016 , 94,	3.3	12
175	Observation of non-Fermi liquid behavior in hole-doped LiFe _{1-x} V _x As. <i>Physical Review B</i> , 2016 , 94,	3.3	8
174	ARPES measurements of the superconducting gap of Fe-based superconductors and their implications to the pairing mechanism. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 293203	1.8	32
173	Observation of a robust zero-energy bound state in iron-based superconductor Fe(Te,Se). <i>Nature Physics</i> , 2015 , 11, 543-546	16.2	130
172	Raman scattering investigation of large positive magnetoresistance material WTe ₂ . <i>Applied Physics Letters</i> , 2015 , 106, 081906	3.4	57
171	Growth of High-Quality Superconducting FeSe _{0.5} Te _{0.5} Thin Films Suitable for Angle-Resolved Photoemission Spectroscopy Measurements via Pulsed Laser Deposition. <i>Chinese Physics Letters</i> , 2015 , 32, 087401	1.8	3

170	Observation of Weyl nodes in TaAs. <i>Nature Physics</i> , 2015 , 11, 724-727	16.2	683
169	Characterization of superconducting FeSe _{0.5} Te _{0.5} hot electron bolometer 2015 ,		1
168	Observation of two distinct dxz/dyz band splittings in FeSe. <i>Physical Review B</i> , 2015 , 91,	3.3	110
167	Direct spectroscopic evidence for completely filled Cu 3d shell in BaCu ₂ As ₂ and $\bar{1}$ BaCu ₂ Sb ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	13
166	Raman study of lattice dynamics in the Weyl semimetal TaAs. <i>Physical Review B</i> , 2015 , 92,	3.3	25
165	Topological nature of the FeSe _{0.5} Te _{0.5} superconductor. <i>Physical Review B</i> , 2015 , 92,	3.3	129
164	Ultrafast carrier dynamics in the large-magnetoresistance material WTe ₂ . <i>Physical Review B</i> , 2015 , 92,	3.3	47
163	Observation of Fermi-Arc Spin Texture in TaAs. <i>Physical Review Letters</i> , 2015 , 115, 217601	7.4	89
162	Tuning electronic correlations in transition metal pnictides: Chemistry beyond the valence count. <i>Physical Review B</i> , 2015 , 91,	3.3	19
161	Observation of a Raman-active phonon with Fano line shape in the quasi-one-dimensional superconductor K ₂ Cr ₃ As ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	17
160	Camelback-shaped band reconciles heavy-electron behavior with weak electronic Coulomb correlations in superconducting TlNi ₂ Se ₂ . <i>Physical Review B</i> , 2015 , 92,	3.3	10
159	Sudden gap closure across the topological phase transition in Bi ₂ $\bar{1}$ In _x Se ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	15
158	Observation of a Van Hove singularity and implication for strong-coupling induced Cooper pairing in KFe ₂ As ₂ . <i>Physical Review B</i> , 2015 , 92,	3.3	18
157	Experimental Discovery of Weyl Semimetal TaAs. <i>Physical Review X</i> , 2015 , 5,	9.1	1167
156	Hall effect in the extremely large magnetoresistance semimetal WTe ₂ . <i>Applied Physics Letters</i> , 2015 , 107, 182411	3.4	98
155	Spin-Fluctuation-Induced Non-Fermi-Liquid Behavior with Suppressed Superconductivity in LiFe _{1-x} CoxAs. <i>Physical Review X</i> , 2015 , 5,	9.1	31
154	Observation of strong electron pairing on bands without Fermi surfaces in LiFe(1-x)CoxAs. <i>Nature Communications</i> , 2015 , 6, 6056	17.4	56
153	Angle-resolved photoemission spectroscopy observation of anomalous electronic states in EuFe ₂ As(2-x)P(x). <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 035702	1.8	10

152	Observation of anomalous temperature dependence of spectrum on small Fermi surfaces in a BiS ₂ -based superconductor. <i>Physical Review B</i> , 2014 , 90,	3.3	44
151	Growth of (Na _x K _y)Fe ₂ Se ₂ crystals by chlorides flux at low temperatures. <i>Journal of Crystal Growth</i> , 2014 , 405, 1-5	1.6	5
150	Direct observation of the spin texture in SmB ₆ as evidence of the topological Kondo insulator. <i>Nature Communications</i> , 2014 , 5, 4566	17.4	155
149	The anomaly Cu doping effects on LiFeAs superconductors. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 435703	1.8	16
148	Exotic Kondo crossover in a wide temperature region in the topological Kondo insulator SmB ₆ revealed by high-resolution ARPES. <i>Physical Review B</i> , 2014 , 90,	3.3	37
147	Raman scattering investigation of the electron-phonon coupling in superconducting Nd(O,F)BiS ₂ . <i>Physical Review B</i> , 2014 , 90,	3.3	27
146	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 . <i>Chinese Physics Letters</i> , 2014 , 31, 067403	1.8	4
145	Design of an ultrahigh-energy-resolution and wide-energy-range soft X-ray beamline. <i>Journal of Synchrotron Radiation</i> , 2014 , 21, 273-9	2.4	10
144	Correlation-induced self-doping in the iron-pnictide superconductor Ba ₂ Ti ₂ Fe ₂ As ₄ O. <i>Physical Review Letters</i> , 2014 , 113, 266407	7.4	19
143	Evolution from incoherent to coherent electronic states and its implications for superconductivity in FeTe _{1-x} Sex. <i>Physical Review B</i> , 2014 , 89,	3.3	29
142	Observation of an electron band above the Fermi level in FeTe _{0.55} Se _{0.45} from in-situ surface doping. <i>Applied Physics Letters</i> , 2014 , 105, 172601	3.4	13
141	Observation of well-defined quasiparticles at a wide energy range in a quasi-two-dimensional system. <i>Physical Review B</i> , 2014 , 90,	3.3	23
140	Raman scattering investigation of superconducting Ba ₂ Ti ₂ Fe ₂ As ₄ O. <i>Physical Review B</i> , 2014 , 89,	3.3	7
139	Coexistence of orbital degeneracy lifting and superconductivity in iron-based superconductors. <i>Physical Review B</i> , 2014 , 89,	3.3	25
138	Observation of Momentum-Confined In-Gap Impurity State in Ba _{0.6} K _{0.4} Fe ₂ As ₂ : Evidence for Antiphase s _B Pairing. <i>Physical Review X</i> , 2014 , 4,	9.1	12
137	Dynamical correlations and screened exchange on the experimental bench: spectral properties of the cobalt pnictide BaCo ₂ As ₂ . <i>Physical Review Letters</i> , 2014 , 113, 266403	7.4	40
136	Surface and bulk electronic structure of the strongly correlated system SmB ₆ and implications for a topological Kondo insulator. <i>Physical Review B</i> , 2013 , 88,	3.3	156
135	Electronic Band Structure of BaCo ₂ As ₂ : A Fully Doped Ferropnictide Analog with Reduced Electronic Correlations. <i>Physical Review X</i> , 2013 , 3,	9.1	37

134	Persistent high-energy spin excitations in iron-pnictide superconductors. <i>Nature Communications</i> , 2013 , 4, 1470	17.4	83
133	Experimental Investigation of the Electronic Structure of Ca _{0.83} La _{0.17} Fe ₂ As ₂ . <i>Chinese Physics Letters</i> , 2013 , 30, 017402	1.8	11
132	Possible nodal superconducting gap and Lifshitz transition in heavily hole-doped Ba _{0.1} K _{0.9} Fe ₂ As ₂ . <i>Physical Review B</i> , 2013 , 88,	3.3	68
131	Evolution from a nodeless gap to d(x ² -y ²)-wave in underdoped La(2-x)Sr(x)CuO ₄ . <i>Physical Review Letters</i> , 2013 , 110, 047004	7.4	50
130	Strongly momentum-dependent screening dynamics in La _{0.5} Sr _{1.5} MnO ₄ observed with resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2013 , 87,	3.3	1
129	Angle-resolved photoemission observation of isotropic superconducting gaps in isovalent Ru-substituted Ba(Fe _{0.75} Ru _{0.25}) ₂ As ₂ . <i>Physical Review B</i> , 2013 , 87,	3.3	10
128	Three dimensionality and orbital characters of the Fermi surface in (Tl,Rb)(y)Fe(2-x)Se ₂ . <i>Physical Review Letters</i> , 2012 , 109, 037003	7.4	34
127	Observation of momentum space semi-localization in Si-doped $\sqrt{3}\times\sqrt{3}$ Ga ₂ O ₃ . <i>Applied Physics Letters</i> , 2012 , 101, 232105	3.4	15
126	Observation of an isotropic superconducting gap at the Brillouin zone centre of Tl _{0.63} K _{0.37} Fe _{1.78} Se ₂ . <i>Europhysics Letters</i> , 2012 , 99, 67001	1.6	33
125	Effect of Li-deficiency impurities on the electron-overdoped LiFeAs superconductor. <i>Physical Review B</i> , 2012 , 86,	3.3	25
124	Unconventional anisotropic s-wave superconducting gaps of the LiFeAs iron-pnictide superconductor. <i>Physical Review Letters</i> , 2012 , 108, 037002	7.4	146
123	Orbital characters determined from Fermi surface intensity patterns using angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2012 , 85,	3.3	43
122	Orbital characters and near two-dimensionality of Fermi surfaces in NaFe _{1-x} CoxAs. <i>Applied Physics Letters</i> , 2012 , 101, 202601	3.4	7
121	Isotropic superconducting gaps with enhanced pairing on electron Fermi surfaces in FeTe _{0.55} Se _{0.45} . <i>Physical Review B</i> , 2012 , 85,	3.3	120
120	Evolution of electronic structure upon Cu doping in the topological insulator Bi ₂ Se ₃ . <i>Physical Review B</i> , 2012 , 85,	3.3	27
119	Effects of Ru substitution on electron correlations and Fermi-surface dimensionality in Ba(Fe _{1-x} Rux) ₂ As ₂ . <i>Physical Review B</i> , 2012 , 86,	3.3	31
118	Angle-resolved photoemission studies of the superconducting gap symmetry in Fe-based superconductors. <i>AIP Advances</i> , 2012 , 2, 041409	1.5	5
117	Local antiferromagnetic exchange and collaborative Fermi surface as key ingredients of high temperature superconductors. <i>Scientific Reports</i> , 2012 , 2, 381	4.9	98

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