

Hong Ding

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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 | Experimental Discovery of Weyl Semimetal TaAs. <i>Physical Review X</i> , 2015 , 5, | 9.1 | 1167 |
| 276 | Spectroscopic evidence for a pseudogap in the normal state of underdoped high-Tc superconductors. <i>Nature</i> , 1996 , 382, 51-54 | 50.4 | 1160 |
| 275 | Destruction of the Fermi surface in underdoped high-Tc superconductors. <i>Nature</i> , 1998 , 392, 157-160 | 50.4 | 870 |
| 274 | Observation of Fermi-surface-dependent nodeless superconducting gaps in Ba 0.6 K 0.4 Fe 2 As 2. <i>Europhysics Letters</i> , 2008 , 83, 47001 | 1.6 | 867 |
| 273 | Microscopic electronic inhomogeneity in the high-Tc superconductor Bi2Sr2CaCu2O8+x. <i>Nature</i> , 2001 , 413, 282-5 | 50.4 | 701 |
| 272 | Observation of Weyl nodes in TaAs. <i>Nature Physics</i> , 2015 , 11, 724-727 | 16.2 | 683 |
| 271 | Observation of an "extended" Van Hove singularity in YBa2Cu4O8 by ultrahigh energy resolution angle-resolved photoemission. <i>Physical Review Letters</i> , 1994 , 73, 3302-3305 | 7.4 | 340 |
| 270 | Evidence for Majorana bound states in an iron-based superconductor. <i>Science</i> , 2018 , 362, 333-335 | 33.3 | 299 |
| 269 | Electronic Spectra and Their Relation to the (J) Collective Mode in High- Tc Superconductors. <i>Physical Review Letters</i> , 1999 , 83, 3709-3712 | 7.4 | 297 |
| 268 | Fermi surface nesting induced strong pairing in iron-based superconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7330-3 | 11.5 | 294 |
| 267 | Observation of topological superconductivity on the surface of an iron-based superconductor. <i>Science</i> , 2018 , 360, 182-186 | 33.3 | 290 |
| 266 | Absence of a holelike fermi surface for the iron-based K0.8F1.7Se2 superconductor revealed by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2011 , 106, 187001 | 7.4 | 288 |
| 265 | Phenomenological models for the gap anisotropy of Bi2Sr2CaCu2O8 as measured by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 1995 , 52, 615-622 | 3.3 | 263 |
| 264 | Phenomenology of the low-energy spectral function in high-Tc superconductors. <i>Physical Review B</i> , 1998 , 57, R11093-R11096 | 3.3 | 252 |
| 263 | Angle-resolved photoemission spectroscopy study of the superconducting gap anisotropy in Bi2Sr2CaCu2O8+x. <i>Physical Review B</i> , 1996 , 54, R9678-R9681 | 3.3 | 248 |
| 262 | Superconducting Gap Anisotropy and Quasiparticle Interactions: A Doping Dependent Photoemission Study. <i>Physical Review Letters</i> , 1999 , 83, 840-843 | 7.4 | 244 |
| 261 | Observation of three-component fermions in the topological semimetal molybdenum phosphide. <i>Nature</i> , 2017 , 546, 627-631 | 50.4 | 231 |

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|-----|---|------|-----|
| 260 | Observation of Weyl nodes and Fermi arcs in tantalum phosphide. <i>Nature Communications</i> , 2016 , 7, 11006 | 7.4 | 224 |
| 259 | Evolution of the Fermi Surface with Carrier Concentration in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} <i>Physical Review Letters</i> , 1997 , 78, 2628-2631 | 7.4 | 223 |
| 258 | Momentum Dependence of the Superconducting Gap in Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physical Review Letters</i> , 1995 , 74, 2784-2787 | 7.4 | 221 |
| 257 | Electronic excitations in Bi ₂ Sr ₂ CaCu ₂ O ₈ : Fermi surface, dispersion, and absence of bilayer splitting. <i>Physical Review Letters</i> , 1996 , 76, 1533-1536 | 7.4 | 215 |
| 256 | Unusual Dispersion and Line Shape of the Superconducting State Spectra of Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} <i>Physical Review Letters</i> , 1997 , 79, 3506-3509 | 7.4 | 206 |
| 255 | The origin of multiple superconducting gaps in MgB ₂ . <i>Nature</i> , 2003 , 423, 65-7 | 50.4 | 199 |
| 254 | Observation of Dirac cone electronic dispersion in BaFe ₂ As ₂ . <i>Physical Review Letters</i> , 2010 , 104, 137001 | 7.4 | 196 |
| 253 | Superconducting gap symmetry of Ba _{0.6} K _{0.4} Fe ₂ As ₂ studied by angle-resolved photoemission spectroscopy. <i>Europhysics Letters</i> , 2009 , 85, 67002 | 1.6 | 183 |
| 252 | Band structure and fermi surface of an extremely overdoped iron-based superconductor KFe ₂ As ₂ . <i>Physical Review Letters</i> , 2009 , 103, 047002 | 7.4 | 182 |
| 251 | Quasiparticles in the superconducting state of Bi(2)Sr(2)CaCu(2)O(8+ δ). <i>Physical Review Letters</i> , 2000 , 84, 1788-91 | 7.4 | 176 |
| 250 | Coherent quasiparticle weight and its connection to high-T(c) superconductivity from angle-resolved photoemission. <i>Physical Review Letters</i> , 2001 , 87, 227001 | 7.4 | 165 |
| 249 | A precise method for visualizing dispersive features in image plots. <i>Review of Scientific Instruments</i> , 2011 , 82, 043712 | 1.7 | 163 |
| 248 | 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 |
| 247 | 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 |
| 246 | Unconventional anisotropic s-wave superconducting gaps of the LiFeAs iron-pnictide superconductor. <i>Physical Review Letters</i> , 2012 , 108, 037002 | 7.4 | 146 |
| 245 | Momentum distribution sum rule for angle-resolved photoemission. <i>Physical Review Letters</i> , 1995 , 74, 4951-4954 | 7.4 | 144 |
| 244 | ARPES on Na _{0.6} CoO ₂ : Fermi surface and unusual band dispersion. <i>Physical Review Letters</i> , 2004 , 92, 246403 | 7.4 | 137 |
| 243 | Fermi surface evolution and Luttinger theorem in Na(x)CoO ₂ : a systematic photoemission study. <i>Physical Review Letters</i> , 2005 , 95, 146401 | 7.4 | 133 |

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|-----|---|------|-----|
| 242 | BCS-like Bogoliubov quasiparticles in high-T(c) superconductors observed by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2003 , 90, 217002 | 7.4 | 132 |
| 241 | 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 |
| 240 | Observation of unconventional chiral fermions with long Fermi arcs in CoSi. <i>Nature</i> , 2019 , 567, 496-499 | 50.4 | 129 |
| 239 | Topological nature of the FeSe _{0.5} Te _{0.5} superconductor. <i>Physical Review B</i> , 2015 , 92, | 3.3 | 129 |
| 238 | Direct observation of broken time-reversal symmetry on the surface of a magnetically doped topological insulator. <i>Physical Review Letters</i> , 2011 , 106, 206805 | 7.4 | 126 |
| 237 | Fe-based superconductors: an angle-resolved photoemission spectroscopy perspective. <i>Reports on Progress in Physics</i> , 2011 , 74, 124512 | 14.4 | 124 |
| 236 | 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 |
| 235 | Strong nodeless pairing on separate electron Fermi surface sheets in (Tl, K)Fe _{1.78} Se ₂ probed by ARPES. <i>Europhysics Letters</i> , 2011 , 93, 57001 | 1.6 | 118 |
| 234 | Occurrence of van Hove singularities in YBa ₂ Cu ₄ O ₈ and YBa ₂ Cu ₃ O _{6.9} . <i>Journal of Physics and Chemistry of Solids</i> , 1993 , 54, 1193-1198 | 3.9 | 116 |
| 233 | Electronic structure of heavily electron-doped BaFe _{1.7} Co _{0.3} As ₂ studied by angle-resolved photoemission. <i>New Journal of Physics</i> , 2009 , 11, 025020 | 2.9 | 114 |
| 232 | 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. <i>Physical Review Letters</i> , 2005 , 94, 047005 | 7.4 | 113 |
| 231 | Observation of two distinct dx _z /dy _z band splittings in FeSe. <i>Physical Review B</i> , 2015 , 91, | 3.3 | 110 |
| 230 | Angle-resolved photoemission spectroscopy of the iron-chalcogenide superconductor Fe _{1.03} Te _{0.7} Se _{0.3} : strong coupling behavior and the universality of interband scattering. <i>Physical Review Letters</i> , 2010 , 105, 197001 | 7.4 | 107 |
| 229 | Compensated Semimetal LaSb with Unsaturated Magnetoresistance. <i>Physical Review Letters</i> , 2016 , 117, 127204 | 7.4 | 104 |
| 228 | Engineering the Structural and Electronic Phases of MoTe through W Substitution. <i>Nano Letters</i> , 2017 , 17, 1616-1622 | 11.5 | 99 |
| 227 | Direct observation of particle-hole mixing in the superconducting state by angle-resolved photoemission. <i>Physical Review B</i> , 1996 , 53, R14737-R14740 | 3.3 | 99 |
| 226 | Hall effect in the extremely large magnetoresistance semimetal WTe ₂ . <i>Applied Physics Letters</i> , 2015 , 107, 182411 | 3.4 | 98 |
| 225 | 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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|-----|---|------|----|
| 224 | Multiple topological states in iron-based superconductors. <i>Nature Physics</i> , 2019 , 15, 41-47 | 16.2 | 96 |
| 223 | Angle-resolved photoemission spectroscopy and its application to topological materials. <i>Nature Reviews Physics</i> , 2019 , 1, 609-626 | 23.6 | 91 |
| 222 | Observation of Fermi-Arc Spin Texture in TaAs. <i>Physical Review Letters</i> , 2015 , 115, 217601 | 7.4 | 89 |
| 221 | Coexistence of competing orders with two energy gaps in real and momentum space in the high temperature superconductor $\text{Bi}_{2-x}\text{Sr}_{2-x}\text{La}_x\text{CuO}_{6+\delta}$. <i>Physical Review Letters</i> , 2008 , 101, 207002 | 7.4 | 89 |
| 220 | Observation of band renormalization effects in hole-doped high-Tc Superconductors. <i>Physical Review Letters</i> , 2003 , 91, 157003 | 7.4 | 89 |
| 219 | Collective modes and the superconducting-state spectral function of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Physical Review B</i> , 1998 , 57, R11089-R11092 | 3.3 | 88 |
| 218 | Observation of a ubiquitous three-dimensional superconducting gap function in optimally doped $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$. <i>Nature Physics</i> , 2011 , 7, 198-202 | 16.2 | 87 |
| 217 | Persistent high-energy spin excitations in iron-pnictide superconductors. <i>Nature Communications</i> , 2013 , 4, 1470 | 17.4 | 83 |
| 216 | Universality of superconducting gaps in overdoped $\text{Ba}_{0.3}\text{K}_{0.7}\text{Fe}_2\text{As}_2$ observed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2011 , 83, | 3.3 | 83 |
| 215 | 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 |
| 214 | Electron correlation and fermi surface topology of Na_xCoO_2 . <i>Physical Review Letters</i> , 2005 , 94, 206401 | 7.4 | 80 |
| 213 | Nearly quantized conductance plateau of vortex zero mode in an iron-based superconductor. <i>Science</i> , 2020 , 367, 189-192 | 33.3 | 80 |
| 212 | Evolution of the pseudogap across the magnet-superconductor phase boundary of $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$. <i>Physical Review B</i> , 2007 , 75, | 3.3 | 79 |
| 211 | Experimental evidence of hourglass fermion in the candidate nonsymmorphic topological insulator KHgSb . <i>Science Advances</i> , 2017 , 3, e1602415 | 14.3 | 78 |
| 210 | 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. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 135701 | 1.8 | 76 |
| 209 | Three-component fermions with surface Fermi arcs in tungsten carbide. <i>Nature Physics</i> , 2018 , 14, 349-354 | 16.2 | 75 |
| 208 | Epitaxial Growth of Honeycomb Monolayer CuSe with Dirac Nodal Line Fermions. <i>Advanced Materials</i> , 2018 , 30, e1707055 | 24 | 72 |
| 207 | Inhomogeneous d-wave superconducting state of a doped Mott insulator. <i>Physical Review B</i> , 2002 , 65, | 3.3 | 72 |

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|-----|--|------|----|
| 206 | Half-integer level shift of vortex bound states in an iron-based superconductor. <i>Nature Physics</i> , 2019 , 15, 1181-1187 | 16.2 | 69 |
| 205 | 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 |
| 204 | Unconventional superconducting gap in NaFe _{0.95} Co _{0.05} As observed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2011 , 84, | 3.3 | 68 |
| 203 | Angle-resolved photoemission spectroscopy of the Fe-Based Ba _{0.6} K _{0.4} Fe ₂ As ₂ high temperature superconductor: evidence for an orbital selective electron-mode coupling. <i>Physical Review Letters</i> , 2009 , 102, 047003 | 7.4 | 65 |
| 202 | A distinct bosonic mode in an electron-doped high-transition-temperature superconductor. <i>Nature</i> , 2007 , 450, 1058-61 | 50.4 | 64 |
| 201 | Fermi surface dichotomy of the superconducting gap and pseudogap in underdoped pnictides. <i>Nature Communications</i> , 2011 , 2, 394 | 17.4 | 63 |
| 200 | Gap anisotropy in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} by ultrahigh-resolution angle-resolved photoemission. <i>Physical Review B</i> , 1994 , 50, 1333-1336 | 3.3 | 60 |
| 199 | Electron-hole asymmetry in the superconductivity of doped BaFe ₂ As ₂ seen via the rigid chemical-potential shift in photoemission. <i>Physical Review B</i> , 2011 , 83, | 3.3 | 59 |
| 198 | Determination of the Fermi surface in high-T _c superconductors by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2001 , 63, | 3.3 | 59 |
| 197 | Raman scattering investigation of large positive magnetoresistance material WTe ₂ . <i>Applied Physics Letters</i> , 2015 , 106, 081906 | 3.4 | 57 |
| 196 | Angle-resolved photoemission study of Sr ₂ RuO ₄ . <i>Physical Review B</i> , 1996 , 54, 13311-13318 | 3.3 | 57 |
| 195 | Observation of strong electron pairing on bands without Fermi surfaces in LiFe(1-x)Co _x As. <i>Nature Communications</i> , 2015 , 6, 6056 | 17.4 | 56 |
| 194 | Enhanced superconductivity accompanying a Lifshitz transition in electron-doped FeSe monolayer. <i>Nature Communications</i> , 2017 , 8, 14988 | 17.4 | 55 |
| 193 | Dirac nodal surfaces and nodal lines in ZrSiS. <i>Science Advances</i> , 2019 , 5, eaau6459 | 14.3 | 53 |
| 192 | ARPES study of the superconducting gap and pseudogap in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . <i>Journal of Physics and Chemistry of Solids</i> , 1998 , 59, 1888-1891 | 3.9 | 53 |
| 191 | Interatomic Coulomb interaction and electron nematic bond order in FeSe. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 52 |
| 190 | Observation of a novel orbital selective Mott transition in Ca(1.8)Sr(0.2)RuO(4). <i>Physical Review Letters</i> , 2009 , 103, 097001 | 7.4 | 52 |
| 189 | Emergence of topological bands on the surface of ZrSnTe crystal. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 50 |

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|-----|---|------|----|
| 188 | Evolution from a nodeless gap to $d(x(2)-y(2))$ -wave in underdoped $\text{La}(2-x)\text{Sr}(x)\text{CuO}_4$. <i>Physical Review Letters</i> , 2013 , 110, 047004 | 7.4 | 50 |
| 187 | Spin fluctuation induced Weyl semimetal state in the paramagnetic phase of EuCdAs . <i>Science Advances</i> , 2019 , 5, eaaw4718 | 14.3 | 48 |
| 186 | Ultrafast carrier dynamics in the large-magnetoresistance material WTe_2 . <i>Physical Review B</i> , 2015 , 92, | 3.3 | 47 |
| 185 | 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 |
| 184 | Orbital characters determined from Fermi surface intensity patterns using angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2012 , 85, | 3.3 | 43 |
| 183 | Impurity effects on electron-phonon coupling in high-temperature superconductors. <i>Nature Physics</i> , 2006 , 2, 27-31 | 16.2 | 43 |
| 182 | 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 | 3.3 | 43 |
| 181 | Evidence of topological insulator state in the semimetal LaBi . <i>Physical Review B</i> , 2017 , 95, | 3.3 | 42 |
| 180 | $\text{FeTe}_{1-x}\text{Se}_x$ monolayer films: towards the realization of high-temperature connate topological superconductivity. <i>Science Bulletin</i> , 2017 , 62, 503-507 | 10.6 | 40 |
| 179 | Observation of high- T_c superconductivity in rectangular $\text{FeSe}/\text{SrTiO}_3(110)$ monolayers. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 40 |
| 178 | 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 | 7.4 | 40 |
| 177 | Exotic Kondo crossover in a wide temperature region in the topological Kondo insulator Sb_2Te_3 revealed by high-resolution ARPES. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 37 |
| 176 | Electronic Band Structure of BaCo_2As_2 : A Fully Doped Ferropnictide Analog with Reduced Electronic Correlations. <i>Physical Review X</i> , 2013 , 3, | 9.1 | 37 |
| 175 | Fermi surface topology of $\text{Ca}_{1.5}\text{Sr}_{0.5}\text{RuO}_4$ determined by angle-resolved photoelectron spectroscopy. <i>Physical Review Letters</i> , 2004 , 93, 177007 | 7.4 | 36 |
| 174 | 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 |
| 173 | Experimental perspective on three-dimensional topological semimetals. <i>Reviews of Modern Physics</i> , 2021 , 93, | 40.5 | 35 |
| 172 | Three dimensionality and orbital characters of the Fermi surface in $(\text{Tl,Rb})_y\text{Fe}_{(2-x)}\text{Se}_2$. <i>Physical Review Letters</i> , 2012 , 109, 037003 | 7.4 | 34 |
| 171 | Correlating off-stoichiometric doping and nanoscale electronic inhomogeneity in the high- T_c superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physical Review Letters</i> , 2007 , 98, 076401 | 7.4 | 34 |

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|-----|--|-----|----|
| 170 | 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 |
| 169 | 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 |
| 168 | Orbital-differentiated coherence-incoherence crossover identified by photoemission spectroscopy in LiFeAs. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 32 |
| 167 | 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 |
| 166 | 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 |
| 165 | Evidence for a hole-like Fermi surface of Bi ₂ Sr ₂ CuO ₆ from temperature-dependent angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2001 , 64, | 3.3 | 31 |
| 164 | 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 |
| 163 | Competition between antiferromagnetism and superconductivity in the electron-doped cuprates triggered by oxygen reduction. <i>Physical Review Letters</i> , 2007 , 99, 157002 | 7.4 | 29 |
| 162 | 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 |
| 161 | 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 |
| 160 | Systematics of electronic structure and interactions in Bi ₂ Sr ₂ Can _{1-x} CunO _{2n+4} (n=1-8) by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2003 , 67, | 3.3 | 27 |
| 159 | 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 |
| 158 | Experimental observation of bulk nodal lines and electronic surface states in ZrB ₂ . <i>Npj Quantum Materials</i> , 2018 , 3, | 5 | 27 |
| 157 | Observation of a nodal chain with Dirac surface states in TiB ₂ . <i>Physical Review B</i> , 2018 , 97, | 3.3 | 26 |
| 156 | Raman study of lattice dynamics in the Weyl semimetal TaAs. <i>Physical Review B</i> , 2015 , 92, | 3.3 | 25 |
| 155 | Coexistence of orbital degeneracy lifting and superconductivity in iron-based superconductors. <i>Physical Review B</i> , 2014 , 89, | 3.3 | 25 |
| 154 | Effect of Li-deficiency impurities on the electron-overdoped LiFeAs superconductor. <i>Physical Review B</i> , 2012 , 86, | 3.3 | 25 |
| 153 | Polarization selection rules and superconducting gap anisotropy in Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physical Review B</i> , 1995 , 52, 15107-15110 | 3.3 | 25 |

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|-----|--|------|----|
| 152 | 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 |
| 151 | Quasiparticle line shape of Sr ₂ RuO ₄ and its relation to anisotropic transport. <i>Physical Review Letters</i> , 2004 , 92, 137002 | 7.4 | 24 |
| 150 | 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 |
| 149 | Anisotropic softening of magnetic excitations in lightly electron-doped Sr ₂ IrO ₄ . <i>Physical Review B</i> , 2016 , 93, | 3.3 | 23 |
| 148 | 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 |
| 147 | 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 |
| 146 | Doping evolution of the chemical potential, spin-correlation gap, and charge dynamics of Nd _{2-x} Ce _x CuO ₄ . <i>Physical Review B</i> , 2006 , 73, | 3.3 | 22 |
| 145 | Fine details of the nodal electronic excitations in Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physical Review B</i> , 2006 , 73, | 3.3 | 22 |
| 144 | A new Majorana platform in an Fe-As bilayer superconductor. <i>Nature Communications</i> , 2020 , 11, 5688 | 17.4 | 22 |
| 143 | Topologically Entangled Rashba-Split Shockley States on the Surface of Grey Arsenic. <i>Physical Review Letters</i> , 2017 , 118, 046802 | 7.4 | 20 |
| 142 | Angle-resolved and resonant photoemission spectroscopy on heavy-fermion superconductors Ce ₂ CoIn ₈ and Ce ₂ RhIn ₈ . <i>Physical Review B</i> , 2005 , 71, | 3.3 | 20 |
| 141 | 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 |
| 140 | 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 |
| 139 | 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 |
| 138 | Tuning electronic correlations in transition metal pnictides: Chemistry beyond the valence count. <i>Physical Review B</i> , 2015 , 91, | 3.3 | 19 |
| 137 | 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 |
| 136 | Quasinested Fe orbitals versus Mott-insulating V orbitals in superconducting Sr ₂ VFeAsO ₃ as seen from angle-resolved photoemission. <i>Physical Review B</i> , 2011 , 83, | 3.3 | 19 |
| 135 | Momentum Dependence of the Superconducting Gap in Bi ₂ Sr ₂ CaCu ₂ O ₈ . <i>Physical Review Letters</i> , 1995 , 75, 1425-1425 | 7.4 | 19 |

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|-----|--|------|----|
| 134 | Observation of a Van Hove singularity and implication for strong-coupling induced Cooper pairing in KFe_2As_2 . <i>Physical Review B</i> , 2015 , 92, | 3-3 | 18 |
| 133 | Observation of Dirac-like band dispersion in LaAgSb_2 . <i>Physical Review B</i> , 2016 , 93, | 3-3 | 17 |
| 132 | Observation of a Raman-active phonon with Fano line shape in the quasi-one-dimensional superconductor $\text{K}_2\text{Cr}_3\text{As}_3$. <i>Physical Review B</i> , 2015 , 92, | 3-3 | 17 |
| 131 | Pressure-induced competition between superconductivity and Kondo effect in $\text{CeFeAsO}_{1-x}\text{F}_x$ ($x=0.16$ and 0.3). <i>Europhysics Letters</i> , 2010 , 91, 57008 | 1.6 | 17 |
| 130 | Evolution of Fermi surface and normal-state gap in the chemically substituted cuprates $\text{Bi}_2\text{Sr}_2\text{Bi}_x\text{CuO}_6$. <i>Physical Review B</i> , 2009 , 79, | 3-3 | 17 |
| 129 | Two- to three-dimensional crossover in the electronic structure of $(\text{Bi}, \text{Pb})_2(\text{Sr}, \text{La})_2\text{CuO}_{6+\delta}$ from angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2005 , 95, 227004 | 7-4 | 17 |
| 128 | Chiral fermion reversal in chiral crystals. <i>Nature Communications</i> , 2019 , 10, 5505 | 17.4 | 17 |
| 127 | The anomaly Cu doping effects on LiFeAs superconductors. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 435703 | 1.8 | 16 |
| 126 | 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 | 3-3 | 16 |
| 125 | Observation of multiple types of topological fermions in PdBiSe . <i>Physical Review B</i> , 2019 , 99, | 3-3 | 15 |
| 124 | Tetragonal and collapsed-tetragonal phases of CaFe_2As_2 : A view from angle-resolved photoemission and dynamical mean-field theory. <i>Physical Review B</i> , 2016 , 93, | 3-3 | 15 |
| 123 | Superconductivity and electronic fluctuations in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ studied by Raman scattering. <i>Physical Review B</i> , 2017 , 95, | 3-3 | 15 |
| 122 | Sudden gap closure across the topological phase transition in $\text{Bi}_2\text{In}_x\text{Se}_3$. <i>Physical Review B</i> , 2015 , 92, | 3-3 | 15 |
| 121 | Observation of momentum space semi-localization in Si-doped Ga_2O_3 . <i>Applied Physics Letters</i> , 2012 , 101, 232105 | 3-4 | 15 |
| 120 | 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 | 7-4 | 15 |
| 119 | Quasiparticle interference evidence of the topological Fermi arc states in chiral fermionic semimetal CoSi . <i>Science Advances</i> , 2019 , 5, eaaw9485 | 14-3 | 15 |
| 118 | Sizable Band Gap in Epitaxial Bilayer Graphene Induced by Silicene Intercalation. <i>Nano Letters</i> , 2020 , 20, 2674-2680 | 11.5 | 14 |
| 117 | Emergence of Nontrivial Low-Energy Dirac Fermions in Antiferromagnetic EuCd_2As_2 . <i>Advanced Materials</i> , 2020 , 32, e1907565 | 24 | 14 |

| | | | |
|-----|---|------|----|
| 116 | Doping evolution of the charge excitations and electron correlations in electron-doped superconducting $\text{La}_{2-x}\text{Ce}_x\text{CuO}_4$. <i>Npj Quantum Materials</i> , 2020 , 5, | 5 | 14 |
| 115 | Trivial topological phase of CaAgP and the topological nodal-line transition in $\text{CaAg}(\text{P}_{1-x}\text{As}_x)$. <i>Physical Review B</i> , 2018 , 97, | 3-3 | 14 |
| 114 | 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 |
| 113 | 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. <i>Physical Review B</i> , 2006 , 74, | 3-3 | 14 |
| 112 | Dopant-induced nanoscale electronic inhomogeneities in $\text{Ca}(2-x)\text{Sr}(x)\text{RuO}_4$. <i>Physical Review Letters</i> , 2006 , 96, 066401 | 7-4 | 14 |
| 111 | Unusual electronic structure near E_F in the organic superconductor κ -. <i>Physical Review B</i> , 1995 , 51, 6155-6158 | 3-3 | 14 |
| 110 | Universal $2\hbar v_{\text{max}}/k_B T_c$ scaling decoupled from the electronic coherence in iron-based superconductors. <i>Physical Review B</i> , 2018 , 98, | 3-3 | 13 |
| 109 | Electronic structure of SrSnAs near the topological critical point. <i>Scientific Reports</i> , 2017 , 7, 6133 | 4-9 | 13 |
| 108 | Direct spectroscopic evidence for completely filled Cu 3d shell in BaCu_2As_2 and BaCu_2Sb_2 . <i>Physical Review B</i> , 2015 , 91, | 3-3 | 13 |
| 107 | Observation of an electron band above the Fermi level in $\text{FeTe}_{0.55}\text{Se}_{0.45}$ from in-situ surface doping. <i>Applied Physics Letters</i> , 2014 , 105, 172601 | 3-4 | 13 |
| 106 | Air-Stable Monolayer Cu Se Exhibits a Purely Thermal Structural Phase Transition. <i>Advanced Materials</i> , 2020 , 32, e1908314 | 24 | 12 |
| 105 | Experimental evidence of anomalously large superconducting gap on topological surface state of Bi_2Pd film. <i>Science Bulletin</i> , 2019 , 64, 1215-1221 | 10.6 | 12 |
| 104 | Fermi surface and effective masses in photoemission response of the $(\text{Ba K})\text{FeAs}$ superconductor. <i>Scientific Reports</i> , 2017 , 7, 8787 | 4-9 | 12 |
| 103 | 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 Antiphase $s\pm$ Pairing. <i>Physical Review X</i> , 2014 , 4, | 9-1 | 12 |
| 102 | Angle-resolved photoemission observation of Mn-pnictide hybridization and negligible band structure renormalization in BaMn_2As_2 and BaMn_2Sb_2 . <i>Physical Review B</i> , 2016 , 94, | 3-3 | 12 |
| 101 | Experimental Investigation of the Electronic Structure of $\text{Ca}_{0.83}\text{La}_{0.17}\text{Fe}_2\text{As}_2$. <i>Chinese Physics Letters</i> , 2013 , 30, 017402 | 1.8 | 11 |
| 100 | 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. <i>Physical Review B</i> , 2011 , 83, | 3-3 | 11 |
| 99 | Angle-resolved photoemission spectroscopy study on the Fermi surface topology of Na_xCoO_2 . <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 355004 | 1.8 | 11 |

| | | | |
|----|---|------|----|
| 98 | 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 | 1.5 | 11 |
| 97 | Destruction of the Fermi surface in underdoped cuprates. <i>Physica B: Condensed Matter</i> , 1999 , 259-261, 517-521 | 2.8 | 11 |
| 96 | Electronic structure of organic superconductors kappa -(ET) ₂ Cu. <i>Physical Review B</i> , 1995 , 51, 13000-13004 | 3.3 | 11 |
| 95 | Photoemission from the high T _c superconductors. <i>Journal of Low Temperature Physics</i> , 1994 , 95, 245-250 | 1.3 | 11 |
| 94 | Fermiology of YBa ₂ Cu ₄ O ₈ . <i>Journal of Physics and Chemistry of Solids</i> , 1992 , 53, 1577-1581 | 3.9 | 11 |
| 93 | Comparative Raman study of Weyl semimetals TaAs, NbAs, TaP and NbP. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 295401 | 1.8 | 10 |
| 92 | Coexistence of clean- and dirty-limit superconductivity in LiFeAs. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 10 |
| 91 | 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 |
| 90 | 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 |
| 89 | 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 |
| 88 | 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 |
| 87 | 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 |
| 86 | 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 |
| 85 | 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 |
| 84 | Fermi Surface and Band Dispersions of MxCoO ₂ (M: Na, K, and Rb) Studied by Angle-Resolved Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 054704 | 1.5 | 9 |
| 83 | Superconducting energy gap in Bi _{1.8} Pb _{0.4} Sr ₂ Ca ₂ Cu ₃ O _{10+delta} studied by photoemission spectroscopy. <i>Physical Review B</i> , 1995 , 51, 1397-1400 | 3.3 | 9 |
| 82 | 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 |
| 81 | Electronic Structure of the Metastable Epitaxial Rock-Salt SnSe {111} Topological Crystalline Insulator. <i>Physical Review X</i> , 2017 , 7, | 9.1 | 8 |

| | | | |
|----|---|------|---|
| 80 | Observation of non-Fermi liquid behavior in hole-doped $\text{LiFe}_{1-x}\text{V}_x\text{As}$. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 8 |
| 79 | Interplay between multiple charge-density waves and the relationship with superconductivity in PdxHoTe_3 . <i>Physical Review B</i> , 2016 , 93, | 3.3 | 7 |
| 78 | New phase transition in $\text{Na}_2\text{Ti}_2\text{As}_2\text{O}$ revealed by Raman scattering. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 7 |
| 77 | Magnetic moment evolution and spin freezing in doped BaFeAs . <i>Scientific Reports</i> , 2017 , 7, 8003 | 4.9 | 7 |
| 76 | Raman scattering investigation of superconducting $\text{Ba}_2\text{Ti}_2\text{Fe}_2\text{As}_4\text{O}$. <i>Physical Review B</i> , 2014 , 89, | 3.3 | 7 |
| 75 | Orbital characters and near two-dimensionality of Fermi surfaces in $\text{NaFe}_{1-x}\text{Co}_x\text{As}$. <i>Applied Physics Letters</i> , 2012 , 101, 202601 | 3.4 | 7 |
| 74 | Evolution of electronic structure in $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$ observed by photoemission. <i>New Journal of Physics</i> , 2005 , 7, 112-112 | 2.9 | 7 |
| 73 | 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 |
| 72 | Topological electronic states in HfRuP family superconductors. <i>Npj Computational Materials</i> , 2019 , 5, | 10.9 | 7 |
| 71 | Coupled commensurate charge density wave and lattice distortion in $\text{Na}_2\text{Ti}_2\text{Pn}_2\text{O}$ ($\text{Pn}=\text{As}, \text{Sb}$) determined by x-ray diffraction and angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 6 |
| 70 | Raman scattering study of spin-density-wave-induced anisotropic electronic properties in AFe_2As_2 ($\text{A}=\text{Ca}, \text{Eu}$). <i>Physical Review B</i> , 2016 , 93, | 3.3 | 6 |
| 69 | Evolution of metallic states from the Hubbard band in the two-dimensional Mott system $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$. <i>Physical Review B</i> , 2001 , 64, | 3.3 | 6 |
| 68 | Growth of $(\text{Na}_x\text{K}_y)\text{Fe}_z\text{Se}_2$ crystals by chlorides flux at low temperatures. <i>Journal of Crystal Growth</i> , 2014 , 405, 1-5 | 1.6 | 5 |
| 67 | Angle-resolved photoemission studies of the superconducting gap symmetry in Fe-based superconductors. <i>AIP Advances</i> , 2012 , 2, 041409 | 1.5 | 5 |
| 66 | ARPES studies of Pb substituted Bi_2201 compounds. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 999-1000 | 1.3 | 5 |
| 65 | Band reflection and surface reconstruction in Sr_2RuO_4 . <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 364-365, 594-599 | 1.3 | 5 |
| 64 | BSCCO Superconductors: Hole-Like Fermi Surface and Doping Dependence of the Gap Function. <i>Journal of Low Temperature Physics</i> , 1999 , 117, 365-369 | 1.3 | 5 |
| 63 | Continuous doping of a cuprate surface: Insights from in situ angle-resolved photoemission. <i>Physical Review B</i> , 2018 , 98, | 3.3 | 5 |

| | | | |
|----|--|------|---|
| 62 | Phase transition and electronic structure evolution of MoTe ₂ induced by W substitution. <i>Physical Review B</i> , 2018 , 98, | 3.3 | 5 |
| 61 | 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 |
| 60 | Majorana gets an iron twist. <i>National Science Review</i> , 2019 , 6, 196-197 | 10.8 | 4 |
| 59 | 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 |
| 58 | Disentangling the surface and bulk electronic structures of LaOFeAs. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 4 |
| 57 | Angle-resolved spectroscopy study of Ni-based superconductor SrNi ₂ As ₂ . <i>Physical Review B</i> , 2016 , 94, | 3.3 | 4 |
| 56 | 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 |
| 55 | High-resolution ARPES study of electron-doped Fe-based superconductor BaFe _{1.85} Co _{0.15} As ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S440-S442 | 1.3 | 4 |
| 54 | Emergent vortex Majorana zero mode in iron-based superconductors. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020 , 69, 110301 | 0.6 | 4 |
| 53 | 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 |
| 52 | Stress-induced nematicity in EuFe ₂ As ₂ studied by Raman spectroscopy. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 4 |
| 51 | Hybridization Effects Revealed by Angle-Resolved Photoemission Spectroscopy in Heavy-Fermion Ce ₂ IrIn ₈ . <i>Chinese Physics Letters</i> , 2019 , 36, 097101 | 1.8 | 4 |
| 50 | 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 |
| 49 | Spatially Resolved X-ray Photoemission Electron Microscopy of Weyl Semimetal NbAs. <i>Crystal Growth and Design</i> , 2018 , 18, 5210-5213 | 3.5 | 3 |
| 48 | 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 |
| 47 | ARPES study of quasiparticle state in electron-doped cuprate Nd _{2-x} Ce _x CuO ₄ . <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 249-253 | 3.9 | 3 |
| 46 | Iron pnictides and chalcogenides: a new paradigm for superconductivity.. <i>Nature</i> , 2022 , 601, 35-44 | 50.4 | 3 |
| 45 | Destruction of the Fermi Surface in Underdoped Cuprates. <i>Springer Series in Solid-state Sciences</i> , 1999 , 152-162 | 0.4 | 3 |

| | | | |
|----|---|------|---|
| 44 | Time-Reversal Symmetry Breaking Driven Topological Phase Transition in EuB6. <i>Physical Review X</i> , 2021 , 11, | 9.1 | 3 |
| 43 | Majorana zero modes in impurity-assisted vortex of LiFeAs superconductor. <i>Nature Communications</i> , 2021 , 12, 4146 | 17.4 | 3 |
| 42 | The As-surface of an iron-based superconductor CaKFe4As4. <i>Nano Research</i> , 1 | 10 | 3 |
| 41 | Observation of flat bands due to band hybridization in the 3d-electron heavy-fermion compound CaCu3Ru4O12. <i>Physical Review B</i> , 2020 , 102, | 3.3 | 2 |
| 40 | ELECTRON SELF-ENERGY OF HIGH TEMPERATURE SUPERCONDUCTORS AS REVEALED BY ANGLE-RESOLVED PHOTOEMISSION. <i>Journal of Physics and Chemistry of Solids</i> , 1998 , 59, 1902-1906 | 3.9 | 2 |
| 39 | Direct observation of superconducting gaps in MgB2 by angle-resolved photoemission spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 102-103 | 1.3 | 2 |
| 38 | Zn-substitution effects on the low-energy quasiparticles in Bi2Sr2CaCu2O8+ δ studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 1069-1072 | 3.9 | 2 |
| 37 | PROXIMITY OF THE METAL-INSULATOR/MAGNETIC TRANSITION AND ITS IMPACT ON THE ONE-ELECTRON SPECTRAL FUNCTION: A DOPING-DEPENDENT ARPES STUDY. <i>International Journal of Modern Physics B</i> , 2000 , 14, 3596-3601 | 1.1 | 2 |
| 36 | Reconstruction of the 3-D Atomic Structure of CoSi2(111) by Photoelectron Holography. <i>Materials Research Society Symposia Proceedings</i> , 1993 , 307, 279 | | 2 |
| 35 | 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 |
| 34 | 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 |
| 33 | Characterization of superconducting FeSe0.5Te0.5 hot electron bolometer 2015 , | | 1 |
| 32 | Strongly momentum-dependent screening dynamics in La0.5Sr1.5MnO4 observed with resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2013 , 87, | 3.3 | 1 |
| 31 | Emergence of the nodal portion of the Fermi surface due to the reduction process in the electron-doped cuprates. <i>Physica B: Condensed Matter</i> , 2008 , 403, 1170-1172 | 2.8 | 1 |
| 30 | Universal character of CoO2 plane studied by high-resolution angle-resolved photoemission. <i>Physica B: Condensed Matter</i> , 2008 , 403, 1086-1088 | 2.8 | 1 |
| 29 | Low Energy Excitation in Bi2Sr2Can-1CunO2n+4 (n = 1-3) Studied by High-Resolution Arpes. <i>International Journal of Modern Physics B</i> , 2003 , 17, 3554-3558 | 1.1 | 1 |
| 28 | Spectral evidence for Bogoliubov quasiparticle in triple-layered high-Tc superconductor Bi2Sr2Ca2Cu3O10. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 814-815 | 1.3 | 1 |
| 27 | Magnetic interaction in hole-doped high-Tc superconductors observed by angle-resolved photoemission spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 412-414, 51-58 | 1.3 | 1 |

| | | | |
|----|--|------|---|
| 26 | High-resolution angle-resolved photoemission study of Pb-substituted Bi2201. <i>Journal of Physics and Chemistry of Solids</i> , 2001 , 62, 157-161 | 3.9 | 1 |
| 25 | Superconducting gap, pseudogap, and fermi surface of Bi2201: High energy- and momentum-resolution photoemission study. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 2091-2094 | 1.3 | 1 |
| 24 | CHANGES IN SUPERCONDUCTING GAP ANISOTROPY WITH DOPING AND IMPLICATIONS FOR THE PENETRATION DEPTH. <i>International Journal of Modern Physics B</i> , 1999 , 13, 3709-3711 | 1.1 | 1 |
| 23 | Observation of an Incommensurate Charge Density Wave in Monolayer $\text{TiSe}_2/\text{CuSe}/\text{Cu}(111)$ Heterostructure.. <i>Physical Review Letters</i> , 2022 , 128, 026401 | 7.4 | 1 |
| 22 | Two distinct superconducting states controlled by orientations of local wrinkles in LiFeAs. <i>Nature Communications</i> , 2021 , 12, 6312 | 17.4 | 1 |
| 21 | Coupling of fully symmetric As phonon to magnetism in $\text{Ba}(\text{Fe}_{1-x}\text{Aux})_2\text{As}_2$. <i>Physical Review B</i> , 2020 , 102, | 3.3 | 1 |
| 20 | The Electronic Structure of the HighTc Superconductors Obtained by Angle-Resolved Photoemission 2002 , 229-247 | | 1 |
| 19 | Unraveling the Orbital Physics in a Canonical Orbital System KCuF_3 . <i>Physical Review Letters</i> , 2021 , 126, 106401 | 7.4 | 1 |
| 18 | Discovery of [Formula: see text] rotation anomaly in topological crystalline insulator SrPb. <i>Nature Communications</i> , 2021 , 12, 2052 | 17.4 | 1 |
| 17 | Observation of a singular Weyl point surrounded by charged nodal walls in PtGa. <i>Nature Communications</i> , 2021 , 12, 3994 | 17.4 | 1 |
| 16 | Hund π superconductor $\text{Li}(\text{Fe},\text{Co})\text{As}$. <i>Physical Review B</i> , 2021 , 103, | 3.3 | 1 |
| 15 | 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 |
| 14 | 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 |
| 13 | Creation of a novel inverted charge density wave state.. <i>Structural Dynamics</i> , 2022 , 9, 014501 | 3.2 | 0 |
| 12 | Angle-resolved photoemission study of heavily electron-doped BaFe_2As_2 . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S394-S396 | 1.3 | |
| 11 | Magnetic isotope effect in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 934-936 | 1.3 | |
| 10 | Many-body interactions in Bi-based high-Tc cuprates studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 628-631 | 3.9 | |
| 9 | Fermi surface, superconducting gap, and many-body effects in $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{2n+4}$ ($n=1\text{B}$). <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 812-813 | 1.3 | |

- 8 Superconducting coherent quasiparticle weight in high-Tc superconductor from angle-resolved photoemission. *Journal of Physics and Chemistry of Solids*, **2002**, 63, 2135-2139 3.9
- 7 Direct evidence for superconducting quasiparticle in triple-layered high-Tc superconductor. *Physica C: Superconductivity and Its Applications*, **2003**, 388-389, 305-306 1.3
- 6 HIGH-RESOLUTION ANGLE-RESOLVED PHOTOEMISSION STUDY OF BaCo_{1-x}Ni_xS₂. *Surface Review and Letters*, **2002**, 09, 1127-1132 1.1
- 5 Microscopic Electronic Inhomogeneity in the High-Tc Superconductor Bi₂Sr₂CaCu₂O_{8+x}. *Peking University-World Scientific Advanced Physics Series*, **2018**, 77-88 0
- 4 Angle-Resolved Photoemission Spectroscopy of Iron Pnictides **2012**, 89-124
- 3 Experimental Investigation of Electronic Structure of La(O,F)BiSe₂. *Chinese Physics Letters*, **2016**, 33, 127401 1.8
- 2 Coexistence of Polaronic States and Superconductivity in Iron-Pnictide Compound Ba₂Ti₂Fe₂As₄O. *Chinese Physics Letters*, **2018**, 35, 057401 1.8
- 1 Consecutive topological transitions of helical Fermi arcs at saddle points in CoSi. *Science China: Physics, Mechanics and Astronomy*, **2022**, 65, 1 3.6