

Takafumi Sato

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212
papers

9,929
citations

57
h-index

96
g-index

217
ext. papers

10,990
ext. citations

5.2
avg, IF

5.72
L-index

#	Paper	IF	Citations
212	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
211	Experimental realization of a topological crystalline insulator in SnTe. <i>Nature Physics</i> , 2012 , 8, 800-803	16.2	661
210	Evolution of the pseudogap from Fermi arcs to the nodal liquid. <i>Nature Physics</i> , 2006 , 2, 447-451	16.2	363
209	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
208	Tunable Dirac cone in the topological insulator Bi _(2-x) Sb _(x) Te _(3-y) Se _(y) . <i>Nature Communications</i> , 2012 , 3, 636	17.4	261
207	High-temperature superconductivity in potassium-coated multilayer FeSe thin films. <i>Nature Materials</i> , 2015 , 14, 775-9	27	205
206	Reconstruction of band structure induced by electronic nematicity in an FeSe superconductor. <i>Physical Review Letters</i> , 2014 , 113, 237001	7.4	200
205	The origin of multiple superconducting gaps in MgB ₂ . <i>Nature</i> , 2003 , 423, 65-7	50.4	199
204	Observation of Dirac cone electronic dispersion in BaFe ₂ As ₂ . <i>Physical Review Letters</i> , 2010 , 104, 137001	7.4	196
203	Unexpected mass acquisition of Dirac fermions at the quantum phase transition of a topological insulator. <i>Nature Physics</i> , 2011 , 7, 840-844	16.2	189
202	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
201	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
200	Direct evidence for the dirac-cone topological surface states in the ternary chalcogenide TlBiSe ₃ . <i>Physical Review Letters</i> , 2010 , 105, 136802	7.4	177
199	Direct measurement of the out-of-plane spin texture in the Dirac-cone surface state of a topological insulator. <i>Physical Review Letters</i> , 2011 , 106, 216803	7.4	158
198	Unconventional anisotropic s-wave superconducting gaps of the LiFeAs iron-pnictide superconductor. <i>Physical Review Letters</i> , 2012 , 108, 037002	7.4	146
197	Direct observation of a nonmonotonic dx ₂ -y ₂ - wave superconducting gap in the electron-doped high-T _c superconductor Pr _{0.89} LaCe _{0.11} CuO ₄ . <i>Physical Review Letters</i> , 2005 , 95, 017003	7.4	143
196	ARPES on Na _{0.6} CoO ₂ : Fermi surface and unusual band dispersion. <i>Physical Review Letters</i> , 2004 , 92, 246403	7.4	137

195	Fermi surface and anisotropic spin-orbit coupling of Sb(111) studied by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2006 , 96, 046411	7.4	133
194	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
193	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
192	Fe-based superconductors: an angle-resolved photoemission spectroscopy perspective. <i>Reports on Progress in Physics</i> , 2011 , 74, 124512	14.4	124
191	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
190	Tunability of the k-space location of the Dirac cones in the topological crystalline insulator Pb _{1-x} Sn _x Te. <i>Physical Review B</i> , 2013 , 87,	3.3	119
189	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
188	Peculiar Rashba splitting originating from the two-dimensional symmetry of the surface. <i>Physical Review Letters</i> , 2009 , 103, 156801	7.4	113
187	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
186	Observation of Chiral Fermions with a Large Topological Charge and Associated Fermi-Arc Surface States in CoSi. <i>Physical Review Letters</i> , 2019 , 122, 076402	7.4	109
185	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
184	Dirac-node arc in the topological line-node semimetal HfSiS. <i>Physical Review B</i> , 2016 , 94,	3.3	100
183	Unconventional Charge-Density-Wave Transition in Monolayer 1T-TiSe ₂ . <i>ACS Nano</i> , 2016 , 10, 1341-5	16.7	99
182	Ca intercalated bilayer graphene as a thinnest limit of superconducting C ₆ Ca. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19610-3	11.5	98
181	Superconducting Gap and Pseudogap in Iron-Based Layered Superconductor La(O _{1-x} F _x)FeAs. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 063708	1.5	98
180	Coexistence of competing orders with two energy gaps in real and momentum space in the high temperature superconductor Bi ₂ Sr _{2-x} La _x CuO _{6+δ} . <i>Physical Review Letters</i> , 2008 , 101, 207002	7.4	89
179	Observation of band renormalization effects in hole-doped high-T _c Superconductors. <i>Physical Review Letters</i> , 2003 , 91, 157003	7.4	89
178	Anomalous momentum dependence of the superconducting coherence peak and its relation to the pseudogap of La _{1.85} Sr _{0.15} CuO ₄ . <i>Physical Review Letters</i> , 2007 , 99, 017003	7.4	86

177	Real-space coexistence of the melted Mott state and superconductivity in Fe-substituted 1T-TaS ₂ . <i>Physical Review Letters</i> , 2012 , 109, 176403	7.4	84
176	Universality of superconducting gaps in overdoped Ba _{0.3} K _{0.7} Fe ₂ As ₂ observed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2011 , 83,	3.3	83
175	Fabrication of Li-intercalated bilayer graphene. <i>AIP Advances</i> , 2011 , 1, 022103	1.5	81
174	Evolution of the pseudogap across the magnet-superconductor phase boundary of Nd _{2-x} Ce _x CuO ₄ . <i>Physical Review B</i> , 2007 , 75,	3.3	79
173	Direct observation of nonequivalent Fermi-arc states of opposite surfaces in the noncentrosymmetric Weyl semimetal NbP. <i>Physical Review B</i> , 2016 , 93,	3.3	78
172	Giant out-of-plane spin component and the asymmetry of spin polarization in surface Rashba states of bismuth thin film. <i>Physical Review Letters</i> , 2011 , 106, 166401	7.4	77
171	Two types of Dirac-cone surface states on the (111) surface of the topological crystalline insulator SnTe. <i>Physical Review B</i> , 2013 , 88,	3.3	76
170	Electronic structure of optimally doped pnictide Ba _{0.6} K _{0.4} Fe ₂ As ₂ : a comprehensive angle-resolved photoemission spectroscopy investigation. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 135701	1.8	76
169	Momentum anisotropy of the scattering rate in cuprate superconductors. <i>Physical Review B</i> , 2005 , 71,	3.3	76
168	Manipulation of topological states and the bulk band gap using natural heterostructures of a topological insulator. <i>Physical Review Letters</i> , 2012 , 109, 236804	7.4	72
167	Monolayer 1T-NbSe ₂ as a Mott insulator. <i>NPG Asia Materials</i> , 2016 , 8, e321-e321	10.3	69
166	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
165	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
164	Fermiology of the strongly spin-orbit coupled superconductor Sn(1-x)In(x)Te: implications for topological superconductivity. <i>Physical Review Letters</i> , 2013 , 110, 206804	7.4	65
163	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
162	Fermi surface and edge-localized states in graphite studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2006 , 73,	3.3	64
161	Observation of Dirac-like energy band and ring-torus Fermi surface associated with the nodal line in topological insulator CaAgAs. <i>Npj Quantum Materials</i> , 2018 , 3,	5	63
160	Fermi surface dichotomy of the superconducting gap and pseudogap in underdoped pnictides. <i>Nature Communications</i> , 2011 , 2, 394	17.4	63

159	One-dimensional edge states with giant spin splitting in a bismuth thin film. <i>Physical Review Letters</i> , 2015 , 114, 066402	7.4	60
158	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
157	High-intensity xenon plasma discharge lamp for bulk-sensitive high-resolution photoemission spectroscopy. <i>Review of Scientific Instruments</i> , 2007 , 78, 123104	1.7	58
156	Fermi-surface-dependent superconducting gap in C ₆ Ca. <i>Nature Physics</i> , 2009 , 5, 40-43	16.2	57
155	Superconductivity and bandwidth-controlled Mott metal-insulator transition in 1T-TaS ₂ . <i>Physical Review B</i> , 2013 , 88,	3.3	56
154	Tunable spin polarization in bismuth ultrathin film on Si(111). <i>Nano Letters</i> , 2012 , 12, 1776-9	11.5	55
153	Topological surface states in lead-based ternary telluride Pb(Bi(1-x)Sb(x)) ₂ Te ₄ . <i>Physical Review Letters</i> , 2012 , 108, 116801	7.4	53
152	Low energy excitation and scaling in Bi(2)Sr(2)Ca(n-1)Cu(n)O(2n+4) (n=1-3): angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2002 , 89, 067005	7.4	53
151	Charge-density wave transition of 1T'VSe ₂ studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2003 , 68,	3.3	51
150	Impurity effects on electron-phonon coupling in high-temperature superconductors. <i>Nature Physics</i> , 2006 , 2, 27-31	16.2	43
149	Band splitting and Weyl nodes in trigonal tellurium studied by angle-resolved photoemission spectroscopy and density functional theory. <i>Physical Review B</i> , 2017 , 95,	3.3	42
148	Relationship between Fermi surface warping and out-of-plane spin polarization in topological insulators: A view from spin- and angle-resolved photoemission. <i>Physical Review B</i> , 2014 , 89,	3.3	42
147	Evolution of a pairing-induced pseudogap from the superconducting gap of (Bi,Pb) ₂ Sr ₂ CuO ₆ . <i>Physical Review Letters</i> , 2009 , 102, 227006	7.4	42
146	Bulk and surface low-energy excitations in YBa ₂ Cu ₃ O _{7-δ} studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2007 , 75,	3.3	39
145	Spin polarization of gapped Dirac surface states near the topological phase transition in TlBi(S(1-x)Se(x)) ₂ . <i>Physical Review Letters</i> , 2012 , 109, 186804	7.4	38
144	Topological proximity effect in a topological insulator hybrid. <i>Nature Communications</i> , 2015 , 6, 6547	17.4	36
143	Ultrahigh-resolution spin-resolved photoemission spectrometer with a mini Mott detector. <i>Review of Scientific Instruments</i> , 2010 , 81, 095101	1.7	36
142	Fermi surface topology of Ca _{1.5} Sr _{0.5} RuO ₄ determined by angle-resolved photoelectron spectroscopy. <i>Physical Review Letters</i> , 2004 , 93, 177007	7.4	36

141	Electronic structure of sodium tungsten bronzes Na_xWO_3 by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2007 , 75,	3-3	35
140	Cooperative structural and Peierls transition of indium chains on Si(111). <i>Physical Review B</i> , 2008 , 77,	3-3	34
139	Angle-resolved photoemission spectroscopy of the insulating Na_xWO_3 : Anderson localization, polaron formation, and remnant Fermi surface. <i>Physical Review Letters</i> , 2006 , 96, 147603	7-4	31
138	Evolution of surface states in $\text{Bi}_{1-x}\text{Sb}_x$ alloys across the topological phase transition. <i>Physical Review B</i> , 2011 , 83,	3-3	30
137	Pseudogap, Fermi arc, and Peierls-insulating phase induced by 3D-2D crossover in monolayer VSe_2 . <i>Nano Research</i> , 2019 , 12, 165-169	10	30
136	Evolution from incoherent to coherent electronic states and its implications for superconductivity in $\text{FeTe}_{1-x}\text{Se}_x$. <i>Physical Review B</i> , 2014 , 89,	3-3	29
135	Anisotropic band splitting in monolayer NbSe_2 : implications for superconductivity and charge density wave. <i>Npj 2D Materials and Applications</i> , 2018 , 2,	8.8	28
134	Evolution of electronic structure upon Cu doping in the topological insulator Bi_2Se_3 . <i>Physical Review B</i> , 2012 , 85,	3-3	27
133	Identifying the background signal in angle-resolved photoemission spectra of high-temperature cuprate superconductors. <i>Physical Review B</i> , 2004 , 69,	3-3	27
132	High-resolution angle-resolved photoemission study of incommensurate charge-density-wave compound CeTe_3 . <i>Physical Review B</i> , 2004 , 70,	3-3	27
131	Systematics of electronic structure and interactions in $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{2n+4}$ ($n=1\text{B}$) by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2003 , 67,	3-3	27
130	Band-gap tuning of monolayer graphene by oxygen adsorption. <i>Carbon</i> , 2014 , 73, 141-145	10.4	26
129	Shadow bands in single-layered $\text{Bi}_2\text{Sr}_2\text{CuO}_6+\delta$ studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2006 , 74,	3-3	26
128	Rashba effect in antimony and bismuth studied by spin-resolved ARPES. <i>New Journal of Physics</i> , 2014 , 16, 055004	2.9	24
127	Work function of bulk-insulating topological insulator $\text{Bi}_2\text{Sb}_x\text{Te}_3\text{Se}_y$. <i>Applied Physics Letters</i> , 2016 , 109, 091601	3-4	23
126	Monolayer VTe_2 : Incommensurate Fermi surface nesting and suppression of charge density waves. <i>Physical Review B</i> , 2019 , 99,	3-3	21
125	Doping induced evolution of Fermi surface in low carrier superconductor TI-doped PbTe . <i>Physical Review Letters</i> , 2008 , 100, 227004	7-4	21
124	Charge-density wave in Ca-intercalated bilayer graphene induced by commensurate lattice matching. <i>Physical Review Letters</i> , 2015 , 114, 146103	7-4	20

123	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
122	Spin- and valley-coupled electronic states in monolayer WSe ₂ on bilayer graphene. <i>Applied Physics Letters</i> , 2015 , 107, 071601	3.4	19
121	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
120	Angle-resolved photoemission spectroscopy of the metallic sodium tungsten bronzes Na _x WO ₃ . <i>Physical Review B</i> , 2005 , 72,	3.3	19
119	Multiple energy scales and anisotropic energy gap in the charge-density-wave phase of the kagome superconductor CsV ₃ Sb ₅ . <i>Physical Review B</i> , 2021 , 104,	3.3	19
118	Fermi level position, Coulomb gap, and Dresselhaus splitting in (Ga,Mn)As. <i>Scientific Reports</i> , 2016 , 6, 27266	4.9	18
117	Direct evidence for a metallic interlayer band in Rb-intercalated bilayer graphene. <i>Physical Review B</i> , 2013 , 87,	3.3	18
116	Ultrathin Bismuth Film on 1T-TaS: Structural Transition and Charge-Density-Wave Proximity Effect. <i>Nano Letters</i> , 2018 , 18, 3235-3240	11.5	17
115	Selective Fabrication of Mott-Insulating and Metallic Monolayer TaSe ₂ . <i>ACS Applied Nano Materials</i> , 2018 , 1, 1456-1460	5.6	17
114	Conversion of a conventional superconductor into a topological superconductor by topological proximity effect. <i>Nature Communications</i> , 2020 , 11, 159	17.4	16
113	Semiconductor-Metal Transition and Band-Gap Tuning in Quasi-Free-Standing Epitaxial Bilayer Graphene on SiC. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 024705	1.5	16
112	Observation of momentum space semi-localization in Si-doped EGa ₂ O ₃ . <i>Applied Physics Letters</i> , 2012 , 101, 232105	3.4	15
111	Selective fabrication of free-standing ABA and ABC trilayer graphene with/without Dirac-cone energy bands. <i>NPG Asia Materials</i> , 2018 , 10, e466-e466	10.3	14
110	Observation of a Dirac nodal line in AlB ₂ . <i>Physical Review B</i> , 2018 , 98,	3.3	14
109	Observation of two-dimensional bulk electronic states in the superconducting topological insulator heterostructure Cu _x (PbSe) ₅ (Bi ₂ Se ₃) ₆ : Implications for unconventional superconductivity. <i>Physical Review B</i> , 2015 , 92,	3.3	14
108	Magnetic Phase Transition of CeSb Studied by Low-Energy Angle-Resolved Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 073702	1.5	14
107	Anomalous superconducting-gap symmetry of noncentrosymmetric La ₂ C ₃ observed by ultrahigh-resolution photoemission spectroscopy. <i>Physical Review B</i> , 2007 , 76,	3.3	13
106	Electronic structure of black SmS. I. 4d _{5/2} f resonance and angle-integrated valence-band photoemission spectroscopy. <i>Physical Review B</i> , 2002 , 65,	3.3	13

105	Dichotomy of superconductivity between monolayer FeS and FeSe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24470-24474	11.5	13
104	Observation of band crossings protected by nonsymmorphic symmetry in the layered ternary telluride Ta ₃ SiTe ₆ . <i>Physical Review B</i> , 2018 , 98,	3.3	13
103	Fermi-level tuning of the Dirac surface state in (Bi Sb)Se thin films. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 085501	1.8	12
102	Angle-resolved photoemission study of the doping evolution of a three-dimensional Fermi surface in Na _x CoO ₂ . <i>New Journal of Physics</i> , 2011 , 13, 043021	2.9	12
101	Pseudogap of Charge-Density-Wave Compound SmNiC ₂ Studied by High-Resolution Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 044707	1.5	12
100	Direct evidence for hidden one-dimensional Fermi surface of hexagonal K _{0.25} WO ₃ . <i>Physical Review B</i> , 2008 , 77,	3.3	12
99	High-resolution ARPES study of quasi-particles in high-T _c superconductors. <i>New Journal of Physics</i> , 2005 , 7, 105-105	2.9	12
98	Two pseudogaps with different energy scales at the antinode of the high-temperature Bi ₂ Sr ₂ CuO ₆ superconductor using angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2011 , 83,	3.3	11
97	Electronic structure of LaAgSb ₂ and CeAgSb ₂ studied by high-resolution angle-resolved photoemission spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 396-398	2.8	11
96	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
95	Tunable two-dimensional electron gas at the surface of thermoelectric material In ₄ Se ₃ . <i>Physical Review B</i> , 2016 , 93,	3.3	10
94	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
93	Doping dependence of the gap anisotropy of the high-temperature YBa ₂ Cu ₃ O _{7-δ} superconductor. <i>Physical Review B</i> , 2009 , 79,	3.3	10
92	High-Resolution Angle-Resolved Photoemission Study of Quasi-One-Dimensional Semiconductor In ₄ Se ₃ . <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 074710	1.5	9
91	Anisotropic Electron-Phonon Coupling in Rb-Intercalated Bilayer Graphene. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 124715	1.5	9
90	Direct Evidence for Cage Conduction Band in Superconducting Cement 12CaO \cdot 7Al ₂ O ₃ by Low-Energy High-Resolution Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 103704	1.5	9
89	Fermi Surface and Band Dispersions of M _x CoO 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
88	Evidence for bulk nodal loops and universality of Dirac-node arc surface states in ZrGeX _c (X _c =S, Se, Te). <i>Physical Review B</i> , 2019 , 99,	3.3	8

87	Anisotropic spin-orbit interaction in Sb(111) surface studied by high-resolution angle-resolved photoemission spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2177-2179	2.8	8
86	Electronic structure of -Mo4O11 studied by high-resolution angle-resolved photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 549-552	1.7	8
85	Highly Tunable Near-Room Temperature Ferromagnetism in Cr-Doped Layered Td-WTe2. <i>Advanced Functional Materials</i> , 2021 , 31, 2008116	15.6	8
84	Electronic structure of a Bi2Te3/FeTe heterostructure: Implications for unconventional superconductivity. <i>Physical Review B</i> , 2019 , 100,	3.3	7
83	Metal-insulator transition and tunable Dirac-cone surface state in the topological insulator TlBi1-xSbxTe2 studied by angle-resolved photoemission. <i>Physical Review B</i> , 2016 , 93,	3.3	7
82	Evidence for transition of Fermi-surface topology in highly doped NaxCoO2. <i>Physical Review B</i> , 2010 , 81,	3.3	7
81	METAL-INSULATOR TRANSITION OF NaxWO3 STUDIED BY ANGLE-RESOLVED PHOTOEMISSION SPECTROSCOPY. <i>Modern Physics Letters B</i> , 2009 , 23, 2819-2846	1.6	7
80	Photoemission study of electronic structure evolution across the metal-insulator transition of heavily B-doped diamond. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 582-584	3.9	7
79	Direct observation of superconducting gap in YB6 by ultrahigh-resolution photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 503-506	1.7	7
78	Signature of band inversion in the antiferromagnetic phase of axion insulator candidate EuIn2As2. <i>Physical Review Research</i> , 2020 , 2,	3.9	7
77	Ultrathin Bismuth Film on High-Temperature Cuprate Superconductor BiSrCaCuO as a Candidate of a Topological Superconductor. <i>ACS Nano</i> , 2018 , 12, 10977-10983	16.7	7
76	Switching of Dirac-Fermion Mass at the Interface of Ultrathin Ferromagnet and Rashba Metal. <i>Physical Review Letters</i> , 2015 , 115, 266401	7.4	6
75	Van Hove singularities as a result of quantum confinement: The origin of intriguing physical properties in Pb thin films. <i>Nano Research</i> , 2010 , 3, 800-806	10	6
74	Fermi arc in the superconducting state of impurity-doped Bi2Sr2CaCu2O8. <i>Physical Review B</i> , 2008 , 78,	3.3	6
73	Band structure and Fermi surface of CeB6 studied by angle-resolved photoemission spectroscopy. <i>Physica B: Condensed Matter</i> , 2004 , 351, 283-285	2.8	6
72	Electronic structure of layered transition-metal dichalcogenides Nb1-xTixXc2 (Xc = S, Se, Te) studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 8599-8608	1.8	6
71	Unusual change in the Dirac-cone energy band upon a two-step magnetic transition in CeBi. <i>Physical Review B</i> , 2019 , 100,	3.3	6
70	Development of a versatile micro-focused angle-resolved photoemission spectroscopy system with Kirkpatrick-Baez mirror optics.. <i>Review of Scientific Instruments</i> , 2022 , 93, 033906	1.7	6

69	Electronic structure of the iron chalcogenide KFeAgTe ₂ revealed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2013 , 88,	3.3	5
68	High-Resolution Photoemission Study of NaV ₂ O ₄ . <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 024709		5
67	Effect of Zn impurities on the electronic structure of La _{1.85} Sr _{0.15} CuO ₄ studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2008 , 77,	3.3	5
66	X-ray angle-resolved photoemission spectroscopy of CaB ₆ . <i>Physical Review B</i> , 2004 , 70,	3.3	5
65	High-Temperature Superconductivity and Lattice Relaxation in Lithium-Deposited FeSe on SrTiO ₃ . <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 033706	1.5	4
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