

# Takafumi Sato

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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.

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	Carrier Injection and Manipulation of Charge-Density Wave in Kagome Superconductor CsV <sub>3</sub> Sb <sub>5</sub> . <i>Physical Review X</i> , <b>2022</b> , 12,	9.1	1
211	Development of a versatile micro-focused angle-resolved photoemission spectroscopy system with Kirkpatrick-Baez mirror optics.. <i>Review of Scientific Instruments</i> , <b>2022</b> , 93, 033906	1.7	6
210	Dirac semimetal phase and switching of band inversion in XMgBi (X = Ba and Sr). <i>Scientific Reports</i> , <b>2021</b> , 11, 21937	4.9	1
209	Robust charge-density wave strengthened by electron correlations in monolayer 1T-TaSe and 1T-NbSe. <i>Nature Communications</i> , <b>2021</b> , 12, 5873	17.4	3
208	Multiple energy scales and anisotropic energy gap in the charge-density-wave phase of the kagome superconductor CsV <sub>3</sub> Sb <sub>5</sub> . <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	19
207	Unveiling quasiparticle dynamics of topological insulators through Bayesian modelling. <i>Communications Physics</i> , <b>2021</b> , 4,	5.4	2
206	Highly Tunable Near-Room Temperature Ferromagnetism in Cr-Doped Layered Td-WTe <sub>2</sub> . <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2008116	15.6	8
205	Manipulation of Dirac Cone in Topological Insulator/Topological Insulator Heterostructure. <i>ACS Applied Electronic Materials</i> , <b>2021</b> , 3, 1080-1085	4	2
204	Electronic states of multilayer VTe <sub>2</sub> : Quasi-one-dimensional Fermi surface and implications for charge density waves. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	2
203	Unusual Temperature Evolution of Quasiparticle Band Dispersion in Electron-Doped FeSe Films. <i>Symmetry</i> , <b>2021</b> , 13, 155	2.7	
202	Two-dimensional growth of conductive ultra-thin Sn films on insulating substrate with an Fe buffer layer. <i>APL Materials</i> , <b>2020</b> , 8, 061103	5.7	
201	Conversion of a conventional superconductor into a topological superconductor by topological proximity effect. <i>Nature Communications</i> , <b>2020</b> , 11, 159	17.4	16
200	Signature of band inversion in the antiferromagnetic phase of axion insulator candidate EuIn <sub>2</sub> As <sub>2</sub> . <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	7
199	Modulation of Dirac electrons in epitaxial Bi <sub>2</sub> Se <sub>3</sub> ultrathin films on van der Waals ferromagnet Cr <sub>2</sub> Si <sub>2</sub> Te <sub>6</sub> . <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	1
198	Observation of inverted band structure in the topological Dirac semimetal candidate CaAuAs. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	2
197	Unusual temperature evolution of the band structure of Bi(111) studied by angle-resolved photoemission spectroscopy and density functional theory. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	2
196	Electronic structure of a Bi <sub>2</sub> Te <sub>3</sub> /FeTe heterostructure: Implications for unconventional superconductivity. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	7

195	Monolayer VTe <sub>2</sub> : Incommensurate Fermi surface nesting and suppression of charge density waves. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	21
194	Evidence for bulk nodal loops and universality of Dirac-node arc surface states in ZrGeXc (Xc=S, Se, Te). <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	8
193	Nanomosaic of Topological Dirac States on the Surface of PbBiSe Observed by Nano-ARPES. <i>Nano Letters</i> , <b>2019</b> , 19, 3737-3742	11.5	4
192	Observation of Chiral Fermions with a Large Topological Charge and Associated Fermi-Arc Surface States in CoSi. <i>Physical Review Letters</i> , <b>2019</b> , 122, 076402	7.4	109
191	Dichotomy of superconductivity between monolayer FeS and FeSe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24470-24474	11.5	13
190	Unusual change in the Dirac-cone energy band upon a two-step magnetic transition in CeBi. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	6
189	Pseudogap, Fermi arc, and Peierls-insulating phase induced by 3D↔2D crossover in monolayer VSe <sub>2</sub> . <i>Nano Research</i> , <b>2019</b> , 12, 165-169	10	30
188	Fermi-level tuning of the Dirac surface state in (Bi Sb )Se thin films. <i>Journal of Physics Condensed Matter</i> , <b>2018</b> , 30, 085501	1.8	12
187	Selective fabrication of free-standing ABA and ABC trilayer graphene with/without Dirac-cone energy bands. <i>NPG Asia Materials</i> , <b>2018</b> , 10, e466-e466	10.3	14
186	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> , <b>2018</b> , 3,	5	63
185	Ultrathin Bismuth Film on 1T-TaS: Structural Transition and Charge-Density-Wave Proximity Effect. <i>Nano Letters</i> , <b>2018</b> , 18, 3235-3240	11.5	17
184	Selective Fabrication of Mott-Insulating and Metallic Monolayer TaSe <sub>2</sub> . <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 1456-1460	5.6	17
183	Observation of a Dirac nodal line in AlB <sub>2</sub> . <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	14
182	Anisotropic band splitting in monolayer NbSe <sub>2</sub> : implications for superconductivity and charge density wave. <i>Npj 2D Materials and Applications</i> , <b>2018</b> , 2,	8.8	28
181	Observation of band crossings protected by nonsymmorphic symmetry in the layered ternary telluride Ta <sub>3</sub> SiTe <sub>6</sub> . <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	13
180	Observation of Dirac-like energy band and unusual spectral line shape in quasi-one-dimensional superconductor Tl <sub>2</sub> Mo <sub>6</sub> Se <sub>6</sub> . <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	2
179	Ultrathin Bismuth Film on High-Temperature Cuprate Superconductor BiSrCaCuO as a Candidate of a Topological Superconductor. <i>ACS Nano</i> , <b>2018</b> , 12, 10977-10983	16.7	7
178	Band splitting and Weyl nodes in trigonal tellurium studied by angle-resolved photoemission spectroscopy and density functional theory. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	42

177	High-Temperature Superconductivity and Lattice Relaxation in Lithium-Deposited FeSe on SrTiO <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2017</b> , 86, 033706	1.5	4
176	Emergence of undulating surface band upon oxygen adsorption of Fe thin film on W(110). <i>Applied Physics Letters</i> , <b>2017</b> , 111, 241603	3.4	
175	Metal-insulator transition and tunable Dirac-cone surface state in the topological insulator TlBi <sub>1-x</sub> SbxTe <sub>2</sub> studied by angle-resolved photoemission. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	7
174	Tunable two-dimensional electron gas at the surface of thermoelectric material In <sub>4</sub> Se <sub>3</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	10
173	Fermiology of possible topological superconductor Tl <sub>0.5</sub> Bi <sub>2</sub> Te <sub>3</sub> derived from hole-doped topological insulator. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	4
172	Enhancement of electron-phonon coupling in Cs-overlayered intercalated bilayer graphene. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 204001	1.8	4
171	Direct observation of nonequivalent Fermi-arc states of opposite surfaces in the noncentrosymmetric Weyl semimetal NbP. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	78
170	Fermi level position, Coulomb gap, and Dresselhaus splitting in (Ga,Mn)As. <i>Scientific Reports</i> , <b>2016</b> , 6, 27266	4.9	18
169	Unconventional Charge-Density-Wave Transition in Monolayer 1T-TiSe <sub>2</sub> . <i>ACS Nano</i> , <b>2016</b> , 10, 1341-5	16.7	99
168	Work function of bulk-insulating topological insulator Bi <sub>2-x</sub> SbxTe <sub>3-y</sub> Se <sub>y</sub> . <i>Applied Physics Letters</i> , <b>2016</b> , 109, 091601	3.4	23
167	Monolayer 1T-NbSe <sub>2</sub> as a Mott insulator. <i>NPG Asia Materials</i> , <b>2016</b> , 8, e321-e321	10.3	69
166	Bulk superconducting gap of V <sub>3</sub> Si studied by low-energy ultrahigh-resolution photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2016</b> , 208, 40-42	1.7	1
165	Dirac-node arc in the topological line-node semimetal HfSiS. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	100
164	Topological proximity effect in a topological insulator hybrid. <i>Nature Communications</i> , <b>2015</b> , 6, 6547	17.4	36
163	Rashba effect of bismuth thin film on silicon studied by spin-resolved ARPES. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2015</b> , 201, 105-109	1.7	3
162	Charge-density wave in Ca-intercalated bilayer graphene induced by commensurate lattice matching. <i>Physical Review Letters</i> , <b>2015</b> , 114, 146103	7.4	20
161	High-Resolution Angle-Resolved Photoemission Study of Quasi-One-Dimensional Semiconductor In <sub>4</sub> Se <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2015</b> , 84, 074710	1.5	9
160	Superstructure-dependent electronic states in CaAlSi superconductors studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	1

159	Observation of two-dimensional bulk electronic states in the superconducting topological insulator heterostructure $\text{Cu}_x(\text{PbSe})_5(\text{Bi}_2\text{Se}_3)_6$ : Implications for unconventional superconductivity. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	14
158	Switching of Dirac-Fermion Mass at the Interface of Ultrathin Ferromagnet and Rashba Metal. <i>Physical Review Letters</i> , <b>2015</b> , 115, 266401	7.4	6
157	Spin- and valley-coupled electronic states in monolayer $\text{WSe}_2$ on bilayer graphene. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 071601	3.4	19
156	Edge State of Bi Thin Film Studied by Spin-Resolved ARPES. <i>Hyomen Kagaku</i> , <b>2015</b> , 36, 412-417		
155	High-temperature superconductivity in potassium-coated multilayer $\text{FeSe}$ thin films. <i>Nature Materials</i> , <b>2015</b> , 14, 775-9	27	205
154	One-dimensional edge states with giant spin splitting in a bismuth thin film. <i>Physical Review Letters</i> , <b>2015</b> , 114, 066402	7.4	60
153	Band-gap tuning of monolayer graphene by oxygen adsorption. <i>Carbon</i> , <b>2014</b> , 73, 141-145	10.4	26
152	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> , <b>2014</b> , 89,	3.3	42
151	Rashba effect in antimony and bismuth studied by spin-resolved ARPES. <i>New Journal of Physics</i> , <b>2014</b> , 16, 055004	2.9	24
150	Electronic band structure and Fermi surfaces of the quasi-two-dimensional monophosphate tungsten bronze, $\text{P}_4\text{W}_{12}\text{O}_{44}$ . <i>Europhysics Letters</i> , <b>2014</b> , 105, 47003	1.6	4
149	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> , <b>2014</b> , 89,	3.3	29
148	Anisotropic Electron-Phonon Coupling in Rb-Intercalated Bilayer Graphene. <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 124715	1.5	9
147	Reconstruction of band structure induced by electronic nematicity in an $\text{FeSe}$ superconductor. <i>Physical Review Letters</i> , <b>2014</b> , 113, 237001	7.4	200
146	Two types of Dirac-cone surface states on the (111) surface of the topological crystalline insulator $\text{SnTe}$ . <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	76
145	Tunability of the k-space location of the Dirac cones in the topological crystalline insulator $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ . <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	119
144	Fermiology of the strongly spin-orbit coupled superconductor $\text{Sn}_{1-x}\text{In}_x\text{Te}$ : implications for topological superconductivity. <i>Physical Review Letters</i> , <b>2013</b> , 110, 206804	7.4	65
143	Superconductivity and bandwidth-controlled Mott metal-insulator transition in $1\text{T-TaS}_2$ . <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	56
142	Possible nodal superconducting gap and Lifshitz transition in heavily hole-doped $\text{Ba}_{0.1}\text{K}_{0.9}\text{Fe}_2\text{As}_2$ . <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	68

141	Direct evidence for a metallic interlayer band in Rb-intercalated bilayer graphene. <i>Physical Review B</i> , <b>2013</b> , 87,	3-3	18
140	Electronic structure of the iron chalcogenide KFeAgTe <sub>2</sub> revealed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2013</b> , 88,	3-3	5
139	Angle-resolved photoemission observation of isotropic superconducting gaps in isovalent Ru-substituted Ba(Fe <sub>0.75</sub> Ru <sub>0.25</sub> ) <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2013</b> , 87,	3-3	10
138	Spin polarization of gapped Dirac surface states near the topological phase transition in TlBi(S(1-x)Se(x)) <sub>2</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 109, 186804	7-4	38
137	Manipulation of topological states and the bulk band gap using natural heterostructures of a topological insulator. <i>Physical Review Letters</i> , <b>2012</b> , 109, 236804	7-4	72
136	Observation of momentum space semi-localization in Si-doped $\alpha$ -Ga <sub>2</sub> O <sub>3</sub> . <i>Applied Physics Letters</i> , <b>2012</b> , 101, 232105	3-4	15
135	Tunable spin polarization in bismuth ultrathin film on Si(111). <i>Nano Letters</i> , <b>2012</b> , 12, 1776-9	11-5	55
134	Tunable Dirac cone in the topological insulator Bi(2-x)Sb(x)Te(3-y)Se(y). <i>Nature Communications</i> , <b>2012</b> , 3, 636	17-4	261
133	Experimental realization of a topological crystalline insulator in SnTe. <i>Nature Physics</i> , <b>2012</b> , 8, 800-803	16-2	661
132	Unconventional anisotropic s-wave superconducting gaps of the LiFeAs iron-pnictide superconductor. <i>Physical Review Letters</i> , <b>2012</b> , 108, 037002	7-4	146
131	Isotropic superconducting gaps with enhanced pairing on electron Fermi surfaces in FeTe <sub>0.55</sub> Se <sub>0.45</sub> . <i>Physical Review B</i> , <b>2012</b> , 85,	3-3	120
130	Topological surface states in lead-based ternary telluride Pb(Bi(1-x)Sb(x)) <sub>2</sub> Te <sub>4</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 108, 116801	7-4	53
129	Angle-resolved photoemission spectroscopy of Co-based boride superconductor LaCo <sub>1.73</sub> Fe <sub>0.27</sub> B <sub>2</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3-3	1
128	Evolution of electronic structure upon Cu doping in the topological insulator Bi <sub>2</sub> Se <sub>3</sub> . <i>Physical Review B</i> , <b>2012</b> , 85,	3-3	27
127	Real-space coexistence of the melted Mott state and superconductivity in Fe-substituted 1T-TaS <sub>2</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 109, 176403	7-4	84
126	Anomalous Rashba effect of bismuth(111) thin films studied by high-resolution spin- and angle-resolved photoemission spectroscopy. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2012</b> , 30, 04E107	1-3	4
125	Ca intercalated bilayer graphene as a thinnest limit of superconducting C <sub>6</sub> Ca. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 19610-3	11-5	98
124	Angle-Resolved Photoemission Spectroscopy of Iron Pnictides <b>2012</b> , 89-124		

123	Fe-based superconductors: an angle-resolved photoemission spectroscopy perspective. <i>Reports on Progress in Physics</i> , <b>2011</b> , 74, 124512	14.4	124
122	Electron-hole asymmetry in the superconductivity of doped BaFe <sub>2</sub> As <sub>2</sub> seen via the rigid chemical-potential shift in photoemission. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	59
121	Electronic structure of optimally doped pnictide Ba <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> : a comprehensive angle-resolved photoemission spectroscopy investigation. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 135701	1.8	76
120	Evolution of surface states in Bi <sub>1-x</sub> Sb <sub>x</sub> alloys across the topological phase transition. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	30
119	Unexpected mass acquisition of Dirac fermions at the quantum phase transition of a topological insulator. <i>Nature Physics</i> , <b>2011</b> , 7, 840-844	16.2	189
118	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> , <b>2011</b> , 106, 166401	7.4	77
117	Direct measurement of the out-of-plane spin texture in the Dirac-cone surface state of a topological insulator. <i>Physical Review Letters</i> , <b>2011</b> , 106, 216803	7.4	158
116	Fermi surface dichotomy of the superconducting gap and pseudogap in underdoped pnictides. <i>Nature Communications</i> , <b>2011</b> , 2, 394	17.4	63
115	Three-dimensional electronic structure in highly doped Na CoO <sub>2</sub> studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , <b>2011</b> , 72, 552-555	3.9	
114	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> , <b>2011</b> , 72, 582-584	3.9	7
113	Angle-resolved photoemission study of the doping evolution of a three-dimensional Fermi surface in Na <sub>x</sub> CoO <sub>2</sub> . <i>New Journal of Physics</i> , <b>2011</b> , 13, 043021	2.9	12
112	Two pseudogaps with different energy scales at the antinode of the high-temperature Bi <sub>2</sub> Sr <sub>2</sub> CuO <sub>6</sub> superconductor using angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	11
111	Universality of superconducting gaps in overdoped Ba <sub>0.3</sub> K <sub>0.7</sub> Fe <sub>2</sub> As <sub>2</sub> observed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	83
110	Unconventional superconducting gap in NaFe <sub>0.95</sub> Co <sub>0.05</sub> As observed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	68
109	Quasinested Fe orbitals versus Mott-insulating V orbitals in superconducting Sr <sub>2</sub> VFeAsO <sub>3</sub> as seen from angle-resolved photoemission. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	19
108	Fabrication of Li-intercalated bilayer graphene. <i>AIP Advances</i> , <b>2011</b> , 1, 022103	1.5	81
107	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> , <b>2011</b> , 80, 024705	1.5	16
106	Direct Evidence for Cage Conduction Band in Superconducting Cement 12CaO $\cdot$ 7Al <sub>2</sub> O <sub>3</sub> by Low-Energy High-Resolution Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 103704	1.5	9

105	Evidence for transition of Fermi-surface topology in highly doped $\text{Na}_x\text{CoO}_2$ . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	7
104	Ultra-high-resolution spin-resolved photoemission spectrometer with a mini Mott detector. <i>Review of Scientific Instruments</i> , <b>2010</b> , 81, 095101	1.7	36
103	Angle-resolved photoemission spectroscopy of the iron-chalcogenide superconductor $\text{Fe}_{1.03}\text{Te}_{0.7}\text{Se}_{0.3}$ : strong coupling behavior and the universality of interband scattering. <i>Physical Review Letters</i> , <b>2010</b> , 105, 197001	7.4	107
102	Observation of Dirac cone electronic dispersion in $\text{BaFe}_2\text{As}_2$ . <i>Physical Review Letters</i> , <b>2010</b> , 104, 137001	7.4	196
101	Direct evidence for the Dirac-cone topological surface states in the ternary chalcogenide $\text{TlBiSe}_3$ . <i>Physical Review Letters</i> , <b>2010</b> , 105, 136802	7.4	177
100	Pseudogap of Charge-Density-Wave Compound $\text{SmNiC}_2$ Studied by High-Resolution Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 044707	1.5	12
99	Van Hove singularities as a result of quantum confinement: The origin of intriguing physical properties in Pb thin films. <i>Nano Research</i> , <b>2010</b> , 3, 800-806	10	6
98	High-resolution ARPES study of electron-doped Fe-based superconductor $\text{BaFe}_{1.85}\text{Co}_{0.15}\text{As}_2$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S440-S442	1.3	4
97	Angle-resolved photoemission study of heavily electron-doped $\text{BaFe}_{2-x}\text{Co}_x\text{As}_2$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S394-S396	1.3	
96	Xenon-plasma light ultra-high-resolution ARPES study of low-energy single-particle excitation gap in $(\text{Bi,Pb})_2\text{Sr}_2\text{CuO}_6$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S129-S131	1.3	
95	Reconstruction of the Fermi surface and the anisotropic excitation gap of $\text{Na}_{0.5}\text{CoO}_2$ . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	2
94	Three-dimensional band structure of highly metallic $\text{Na}_{0.8}\text{WO}_3$ by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	3
93	Doping dependence of the gap anisotropy of the high-temperature $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ superconductor. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	10
92	METAL-INSULATOR TRANSITION OF $\text{Na}_x\text{WO}_3$ STUDIED BY ANGLE-RESOLVED PHOTOEMISSION SPECTROSCOPY. <i>Modern Physics Letters B</i> , <b>2009</b> , 23, 2819-2846	1.6	7
91	Electronic structure of heavily electron-doped $\text{BaFe}_{1.7}\text{Co}_{0.3}\text{As}_2$ studied by angle-resolved photoemission. <i>New Journal of Physics</i> , <b>2009</b> , 11, 025020	2.9	114
90	Superconducting gap symmetry of $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ studied by angle-resolved photoemission spectroscopy. <i>Europhysics Letters</i> , <b>2009</b> , 85, 67002	1.6	183
89	High-Resolution Photoemission Study of $\text{NaV}_2\text{O}_4$ . <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 024709	10.9	5
88	Fermi-surface-dependent superconducting gap in $\text{C}_6\text{Ca}$ . <i>Nature Physics</i> , <b>2009</b> , 5, 40-43	16.2	57



87	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> , <b>2009</b> , 106, 7330-3	11.5	294
86	Angle-resolved photoemission spectroscopy of the Fe-Based Ba <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> high temperature superconductor: evidence for an orbital selective electron-mode coupling. <i>Physical Review Letters</i> , <b>2009</b> , 102, 047003	7.4	65
85	Band structure and fermi surface of an extremely overdoped iron-based superconductor KFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , <b>2009</b> , 103, 047002	7.4	182
84	Evolution of a pairing-induced pseudogap from the superconducting gap of (Bi,Pb) <sub>2</sub> Sr <sub>2</sub> CuO <sub>6</sub> . <i>Physical Review Letters</i> , <b>2009</b> , 102, 227006	7.4	42
83	Peculiar Rashba splitting originating from the two-dimensional symmetry of the surface. <i>Physical Review Letters</i> , <b>2009</b> , 103, 156801	7.4	113
82	Magnetic Phase Transition of CeSb Studied by Low-Energy Angle-Resolved Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 073702	1.5	14
81	Observation of Fermi-surface-dependent nodeless superconducting gaps in Ba <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> . <i>Europhysics Letters</i> , <b>2008</b> , 83, 47001	1.6	867
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79	Coexistence of competing orders with two energy gaps in real and momentum space in the high temperature superconductor Bi <sub>2</sub> Sr <sub>2-x</sub> La <sub>x</sub> CuO <sub>6+δ</sub> . <i>Physical Review Letters</i> , <b>2008</b> , 101, 207001	7.4	89
78	Effect of Zn impurities on the electronic structure of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	5
77	Direct evidence for hidden one-dimensional Fermi surface of hexagonal K <sub>0.25</sub> WO <sub>3</sub> . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	12
76	Doping induced evolution of Fermi surface in low carrier superconductor Tl-doped PbTe. <i>Physical Review Letters</i> , <b>2008</b> , 100, 227004	7.4	21
75	Fermi arc in the superconducting state of impurity-doped Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	6
74	Cooperative structural and Peierls transition of indium chains on Si(111). <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	34
73	High-resolution angle-resolved photoemission study of bulk electronic states in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> <i>Journal of Physics and Chemistry of Solids</i> , <b>2008</b> , 69, 2967-2970	3.9	1
72	Low-energy excitations in graphite studied by ultrahigh-resolution angle-resolved photoemission spectroscopy. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 1531-1533	2.8	
71	Quasiparticle lifetime in graphite studied by ultrahigh-resolution ARPES. <i>Journal of Physics and Chemistry of Solids</i> , <b>2008</b> , 69, 2996-2999	3.9	3
70	Many-body interactions in hole-doped high-T <sub>c</sub> cuprates studied by high-resolution ARPES. <i>Journal of Physics and Chemistry of Solids</i> , <b>2008</b> , 69, 2949-2955	3.9	

69	Band structure and Fermi surface of heavy Fermion compounds Ce <sub>2</sub> TlIn <sub>8</sub> studied by angle-resolved photoemission spectroscopy. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 752-754	2.8	4
68	Universal character of CoO <sub>2</sub> plane studied by high-resolution angle-resolved photoemission. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 1086-1088	2.8	1
67	Electronic structure of quasi-one-dimensional conductors Nb <sub>3</sub> X <sub>4</sub> (X=S,Se,Te) studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	4
66	Xenon-plasma-light low-energy ultrahigh-resolution photoemission study of Co(S <sub>1-x</sub> Se <sub>x</sub> ) <sub>2</sub> (x=0.075). <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	4
65	Bogoliubov quasiparticle and low-energy dispersion kink in the superconducting state of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 864-865	1.3	2
64	Photoemission study of the superconducting-gap symmetry in electron-doped high-T <sub>c</sub> superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 862-863	1.3	
63	Origin of shadow bands in single-layered Bi <sub>2</sub> Sr <sub>2</sub> CuO <sub>6</sub> studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 931-933	1.3	1
62	Magnetic isotope effect in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 460-462, 934-936	1.3	
61	Single-particle excitation gap in La <sub>2</sub> B <sub>r</sub> CuO <sub>4</sub> studied by high-resolution angle-resolved photoemission. <i>Physica C: Superconductivity and Its Applications</i> , <b>2007</b> , 463-465, 44-47	1.3	3
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59	Metal-insulator transition in sodium tungsten bronzes, Na <sub>x</sub> WO <sub>3</sub> , studied by angle-resolved photoemission spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, e231-e233	2.8	3
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51	Electronic structure of sodium tungsten bronzes $\text{Na}_x\text{WO}_3$ by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	35
50	Anomalous superconducting-gap symmetry of noncentrosymmetric $\text{La}_2\text{C}_3$ observed by ultrahigh-resolution photoemission spectroscopy. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	13
49	Bulk and surface low-energy excitations in $\text{YBa}_2\text{Cu}_3\text{O}_7$ studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	39
48	High-intensity xenon plasma discharge lamp for bulk-sensitive high-resolution photoemission spectroscopy. <i>Review of Scientific Instruments</i> , <b>2007</b> , 78, 123104	1.7	58
47	Electronic structure of impurity-substituted $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 271-273	3.9	1
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45	Fermi surface and anisotropic spin-orbit coupling of $\text{Sb}(111)$ studied by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2006</b> , 96, 046411	7.4	133
44	Shadow bands in single-layered $\text{Bi}_2\text{Sr}_2\text{CuO}_6$ studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	26
43	Fermi surface and edge-localized states in graphite studied by high-resolution angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	64
42	Impurity effects on electron-phonon coupling in high-temperature superconductors. <i>Nature Physics</i> , <b>2006</b> , 2, 27-31	16.2	43
41	Evolution of the pseudogap from Fermi arcs to the nodal liquid. <i>Nature Physics</i> , <b>2006</b> , 2, 447-451	16.2	363
40	ARPES study of quasiparticle state in electron-doped cuprate $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 249-253	3.9	3
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37	Momentum anisotropy of the scattering rate in cuprate superconductors. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	76
36	Angle-resolved photoemission spectroscopy of the metallic sodium tungsten bronzes $\text{Na}_x\text{WO}_3$ . <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	19
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34	Ultrahigh-Resolution Photoemission Study of $\text{h-ZrRuP}$ . <i>Journal of the Physical Society of Japan</i> , <b>2005</b> , 74, 1401-1403	1.5	3

33	High-resolution ARPES study of quasi-particles in high-Tc superconductors. <i>New Journal of Physics</i> , <b>2005</b> , 7, 105-105	2.9	12
32	Electronic band structure of AlB <sub>2</sub> studied by angle-resolved photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 545-547	1.7	4
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30	High-resolution angle-resolved photoemission study of layered transition-metal dichalcogenides Nb <sub>1-x</sub> Ti <sub>x</sub> Xc <sub>2</sub> (Xc = S, Se, Te). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 633-637	1.7	1
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