Takafumi Sato

List of Publications by Year in descending order

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216 papers	11,817 citations	19608 61 h-index	28224 105 g-index
217 all docs	217 docs citations	217 times ranked	8854 citing authors

#	Article	IF	Citations
1	Observation of Fermi-surfaceâ€“dependent nodeless superconducting gaps in Ba _{0.6} K _{0.4} Fe ₂ As ₂. Europhysics Letters, 2008, 83, 47001.	0.7	905
2	Experimental realization of a topological crystalline insulator in SnTe. Nature Physics, 2012, 8, 800-803.	6.5	811
3	Evolution of the pseudogap from Fermi arcs to the nodal liquid. Nature Physics, 2006, 2, 447-451.	6.5	393
4	Fermi surface nesting induced strong pairing in iron-based superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7330-7333.	3.3	316
5	Tunable Dirac cone in the topological insulator Bi2-xSbxTe3-ySey. Nature Communications, 2012, 3, 636.	5.8	315
6	High-temperature superconductivity in potassium-coated multilayer FeSe thin films. Nature Materials, 2015, 14, 775-779.	13.3	246
7	Reconstruction of Band Structure Induced by Electronic Nematicity in an FeSe Superconductor. Physical Review Letters, 2014, 113, 237001.	2.9	228
8	The origin of multiple superconducting gaps in MgB2. Nature, 2003, 423, 65-67.	13.7	227
9	Observation of Dirac Cone Electronic Dispersion in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml Physical Review Letters, 2010, 104, 137001.	2.9	215
10	Unexpected mass acquisition of Dirac fermions at the quantum phase transition of a topological insulator. Nature Physics, 2011, 7, 840-844.	6.5	215
11	Direct Evidence for the Dirac-Cone Topological Surface States in the Ternary Chalcogenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TlBiSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2010, 105, 136802.	2.9	211
12	Observation of Chiral Fermions with a Large Topological Charge and Associated Fermi-Arc Surface States in CoSi. Physical Review Letters, 2019, 122, 076402.	2.9	211
13	Superconducting gap symmetry of Ba _{0.6} K _{0.4} Fe ₂ As ₂ studied by angle-resolved photoemission spectroscopy. Europhysics Letters, 2009, 85, 67002.	0.7	192
14	Band Structure and Fermi Surface of an Extremely Overdoped Iron-Based Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:m Physical Review Letters, 2009, 103, 047002.	2.9	191
15	Direct Measurement of the Out-of-Plane Spin Texture in the Dirac-Cone Surface State of a Topological Insulator. Physical Review Letters, 2011, 106, 216803.	2.9	177
16	Direct Observation of a Nonmonotonic dx2-y2-Wave Superconducting Gap in the Electron-Doped High-Tc Superconductor Pr0.89LaCe0.11CuO4. Physical Review Letters, 2005, 95, 017003.	2.9	157
17	Unconventional Anisotropic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>s</mml:mi></mml:math>-Wave Superconducting Gaps of the LiFeAs Iron-Pnictide Superconductor. Physical Review Letters, 2012, 108, 037002.	2.9	156
18	BCS-Like Bogoliubov Quasiparticles in High-TcSuperconductors Observed by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2003, 90, 217002.	2.9	146

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19	Fermi Surface and Anisotropic Spin-Orbit Coupling of Sb(111) Studied by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2006, 96, 046411.	2.9	145
20	ARPES onNa0.6CoO2: Fermi Surface and Unusual Band Dispersion. Physical Review Letters, 2004, 92, 246403.	2.9	143
21	Fermi Surface Evolution and Luttinger Theorem inNaxCoO2: A Systematic Photoemission Study. Physical Review Letters, 2005, 95, 146401.	2.9	140
22	Fe-based superconductors: an angle-resolved photoemission spectroscopy perspective. Reports on Progress in Physics, 2011, 74, 124512.	8.1	139
23	Dirac-node arc in the topological line-node semimetal HfSiS. Physical Review B, 2016, 94, .	1.1	139
24	Tunability of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>k</mml:mi></mml:math>-space location of the Dirac cones in the topological crystalline insulator Pb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Sn<mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	135
25	Unconventional Charge-Density-Wave Transition in Monolayer 1T-TiSe₂. ACS Nano, 2016, 10, 1341-1345.	7.3	133
26	Ca intercalated bilayer graphene as a thinnest limit of superconducting C ₆ Ca. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19610-19613.	3.3	132
27	Isotropic superconducting gaps with enhanced pairing on electron Fermi surfaces in FeTe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.55</mml:mn></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.45</mml:mn></mml:mrow></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	129
28	Peculiar Rashba Splitting Originating from the Two-Dimensional Symmetry of the Surface. Physical Review Letters, 2009, 103, 156801.	2.9	124
29	Angle-Resolved Photoemission Spectroscopy of the Antiferromagnetic SuperconductorNd1.87Ce0.13CuO4: Anisotropic Spin-Correlation Gap, Pseudogap, and the Induced Quasiparticle Mass Enhancement. Physical Review Letters, 2005, 94, 047005.	2.9	122
30	Electronic structure of heavily electron-doped BaFe_{1.7}Co_{0.3}As₂studied by angle-resolved photoemission. New Journal of Physics, 2009, 11, 025020.	1.2	117
31	Angle-Resolved Photoemission Spectroscopy of the Iron-Chalcogenide Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Fe</mml:mi><mml:mn>1.03</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mi><mml: Strong Coupling Behavior and the Universality of Interband Scattering. Physical Review Letters, 2010, 105, 197001.	2.9	113
32	Monolayer 1T-NbSe2 as a Mott insulator. NPG Asia Materials, 2016, 8, e321-e321.	3.8	109
33	Real-Space Coexistence of the Melted Mott State and Superconductivity in Fe-Substituted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>1</mml:mn><mml:mi>T</mml:mi><mml:mtext mathvariant="normal">â^’</mml:mtext><mml:msub><mml:mi>TaS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 109, 176403.	2.9	107
34	Superconducting Gap and Pseudogap in Iron-Based Layered Superconductor La(O1-xFx)FeAs. Journal of the Physical Society of Japan, 2008, 77, 063708.	0.7	102
35	Observation of Band Renormalization Effects in Hole-Doped High-TcSuperconductors. Physical Review Letters, 2003, 91, 157003.	2.9	100
36	Fabrication of Li-intercalated bilayer graphene. AIP Advances, 2011, 1, .	0.6	98

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37	Coexistence of Competing Orders with Two Energy Gaps in Real and Momentum Space in the High Temperature Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:m Physical Review Letters, 2008, 101, 207002.	2.9	96
38	Two types of Dirac-cone surface states on the (111) surface of the topological crystalline insulator SnTe. Physical Review B, 2013, 88, .	1.1	94
39	Observation of Dirac-like energy band and ring-torus Fermi surface associated with the nodal line in topological insulator CaAgAs. Npj Quantum Materials, 2018, 3, .	1.8	93
40	Multiple energy scales and anisotropic energy gap in the charge-density-wave phase of the kagome superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsV</mml:mi><mml:mn>3</mml:mn></mml:mm Physical Review B, 2021, 104, .	1.1	93
41	Direct observation of nonequivalent Fermi-arc states of opposite surfaces in the noncentrosymmetric Weyl semimetal NbP. Physical Review B, 2016, 93, .	1.1	91
42	Giant Out-of-Plane Spin Component and the Asymmetry of Spin Polarization in Surface Rashba States of Bismuth Thin Film. Physical Review Letters, 2011, 106, 166401.	2.9	90
43	Anomalous Momentum Dependence of the Superconducting Coherence Peak and Its Relation to the Pseudogap of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>1.85</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml: Physical Review Letters, 2007, 99, 017003.	2.9	88
44	Electronic structure of optimally doped pnictide Ba_{0.6}K_{0.4}Fe₂As₂: a comprehensive angle-resolved photoemission spectroscopy investigation. Journal of Physics Condensed Matter, 2011, 23, 135701.	0.7	88
45	[illegible] xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" [illegible]	1.1	86
46	Evolution of the pseudogap across the magnet-superconductor phase boundary of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Nd</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">Ce</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:m. Physical	1.1	85
47	Momentum anisotropy of the scattering rate in cuprate superconductors. Physical Review B, 2005, 71, .	1.1	84
48	Manipulation of Topological States and the Bulk Band Gap Using Natural Heterostructures of a Topological Insulator. Physical Review Letters, 2012, 109, 236804.	2.9	84
49	Fermiology of the Strongly Spin-Orbit Coupled Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sn</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> Implications for Topological Superconductivity. Physical Review Letters, 2013, 110, 206804.	2.9	77
50	One-Dimensional Edge States with Giant Spin Splitting in a Bismuth Thin Film. Physical Review Letters, 2015, 114, 066402.	2.9	76
51	[illegible] superconducting gap in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="bold">NaFe</mml:mi><mml:mrow><mml:mn mathvariant="bold">0</mml:mn><mml:mo>.</mml:mo><mml:mn [illegible]	1.1	75
52	Possible nodal superconducting gap and Lifshitz transition in heavily hole-doped Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.1</mml:mn></mml:mrow></mml:msub></mml:math>K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.9</mml:mn></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn><mml:<	1.1	74
53	Fermi surface and edge-localized states in graphite studied by high-resolution angle-resolved photoemission spectroscopy. Physical Review B, 2006, 73, .	1.1	73
54	Fermi surface dichotomy of the superconducting gap and pseudogap in underdoped pnictides. Nature Communications, 2011, 2, 394.	5.8	72

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55	Conductivity and bandwidth-controlled Mott metal-insulator transition in 1<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>T</mml:mi></mml:math>-TaS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	69
56	Charge-density wave transition of1Tâ^'VSe2studied by angle-resolved photoemission spectroscopy. Physical Review B, 2003, 68, .	1.1	68
57	Angle-Resolved Photoemission Spectroscopy of the Fe-Based<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>0.6</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mn>0.4</mml:mn></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></ Temperature Superconductor: Evidence for an Orbital Selective Electron-Mode Coupling. Physical Review Letters, 2009, 102, 047003.	2.9	68
58	High-intensity xenon plasma discharge lamp for bulk-sensitive high-resolution photoemission spectroscopy. Review of Scientific Instruments, 2007, 78, 123104.	0.6	67
59	Fermi-surface-dependent superconducting gap inÂC6Ca. Nature Physics, 2009, 5, 40-43.	6.5	65
60	Electron-hole asymmetry in the superconductivity of doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">BaFe</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>seen via the rigid chemical-potential shift in photoemission. Physical Review B, 2011, 83, .	1.1	65
61	Tunable Spin Polarization in Bismuth Ultrathin Film on Si(111). Nano Letters, 2012, 12, 1776-1779.	4.5	65
62	Topological Surface States in Lead-Based Ternary Telluride<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Pb</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi	2.9	64
63	Physical Review Letters, 2012, 108, 116801. Low Energy Excitation and Scaling inBi2Sr2Canâ^'1CunO2n+4(n=1â€“3): Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2002, 89, 067005.	2.9	57
64	Band splitting and Weyl nodes in trigonal tellurium studied by angle-resolved photoemission spectroscopy and density functional theory. Physical Review B, 2017, 95, .	1.1	56
65	Relationship between Fermi surface warping and out-of-plane spin polarization in topological insulators: A view from spin- and angle-resolved photoemission. Physical Review B, 2014, 89, .	1.1	54
66	Topological proximity effect in a topological insulator hybrid. Nature Communications, 2015, 6, 6547.	5.8	53
67	Impurity effects on electronâ€“mode coupling in high-temperature superconductors. Nature Physics, 2006, 2, 27-31.	6.5	52
68	Electronic structure of sodium tungsten bronzesNaxWO3by high-resolution angle-resolved photoemission spectroscopy. Physical Review B, 2007, 75, .	1.1	48
69	Evolution of a Pairing-Induced Pseudogap from the Superconducting Gap of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">(</mml:mo><mml:mi>Bi</mml:mi><mml:mo>,</mml:mo><mml:mi>Pb</mml:mi><mml:msub><mml:mo	2.9	47
70	Physical Review Letters, 2009, 102, 227006. Bulk and surface low-energy excitations inYBa2Cu3O7â^'Î´studied by high-resolution angle-resolved photoemission spectroscopy. Physical Review B, 2007, 75, .	1.1	44
71	Anisotropic band splitting in monolayer NbSe2: implications for superconductivity and charge density wave. Npj 2D Materials and Applications, 2018, 2, .	3.9	43
72	Pseudogap, Fermi arc, and Peierls-insulating phase induced by 3Dâ€“2D crossover in monolayer VSe2. Nano Research, 2019, 12, 165-169.	5.8	43

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73	Polarization of Gapped Dirac Surface States Near the Topological Phase Transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>TlBi</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (mathvariant="bold">S</mml:mi	2.9	42
74	Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>VTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml: : Incommensurate Fermi surface nesting and suppression of charge density waves. Physical Review B, 2019, 99, .	1.1	40
75	Conversion of a conventional superconductor into a topological superconductor by topological proximity effect. Nature Communications, 2020, 11, 159.	5.8	40
76	Robust charge-density wave strengthened by electron correlations in monolayer 1T-TaSe2 and 1T-NbSe2. Nature Communications, 2021, 12, 5873.	5.8	39
77	Ultrahigh-resolution spin-resolved photoemission spectrometer with a mini Mott detector. Review of Scientific Instruments, 2010, 81, 095101.	0.6	38
78	Fermi Surface Topology ofCa1.5Sr0.5RuO4Determined by Angle-Resolved Photoelectron Spectroscopy. Physical Review Letters, 2004, 93, 177007.	2.9	37
79	Angle-Resolved Photoemission Spectroscopy of the InsulatingNaxWO3: Anderson Localization, Polaron Formation, and Remnant Fermi Surface. Physical Review Letters, 2006, 96, 147603.	2.9	37
80	Cooperative structural and Peierls transition of indium chains on Si(111). Physical Review B, 2008, 77, .	1.1	37
81	Evolution from incoherent to coherent electronic states and its implications for superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">FeTe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi	1.1	37
82	Evolution of surface states in Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>alloys across Work function of bulk-insulating topological insulator Bi2â€“xSbxTe3â€“ySey. Applied Physics Letters, 2016, 109, .	1.1	36
83		1.5	34
84	High-resolution angle-resolved photoemission study of incommensurate charge-density-wave compoundCeTe3. Physical Review B, 2004, 70, .	1.1	33
85	Evolution of electronic structure upon Cu doping in the topological insulator Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	33
86	Band-gap tuning of monolayer graphene by oxygen adsorption. Carbon, 2014, 73, 141-145.	5.4	33
87	Selective Fabrication of Mott-Insulating and Metallic Monolayer TaSe₂. ACS Applied Nano Materials, 2018, 1, 1456-1460.	2.4	32
88	Identifying the background signal in angle-resolved photoemission spectra of high-temperature cuprate superconductors. Physical Review B, 2004, 69, .	1.1	31
89	Rashba effect in antimony and bismuth studied by spin-resolved ARPES. New Journal of Physics, 2014, 16, 055004.	1.2	29
90	Charge-Density Wave in Ca-Intercalated Bilayer Graphene Induced by Commensurate Lattice Matching. Physical Review Letters, 2015, 114, 146103.	2.9	29

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91	Angle-resolved photoemission spectroscopy. Nature Reviews Methods Primers, 2022, 2, .	11.8	29
92	Ultrathin Bismuth Film on 1T-TaS₂: Structural Transition and Charge-Density-Wave Proximity Effect. Nano Letters, 2018, 18, 3235-3240.	4.5	28
93	Systematics of electronic structure and interactions inBi2Sr2Canâ^'1CunO2n+4(n=1â€“3)by angle-resolved photoemission spectroscopy. Physical Review B, 2003, 67, .	1.1	27
94	Shadow bands in single-layeredBi2Sr2CuO6+Î´studied by angle-resolved photoemission spectroscopy. Physical Review B, 2006, 74, .	1.1	27
95	Observation of band crossings protected by nonsymmorphic symmetry in the layered ternary telluride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ta</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>Te₄. Physical Review B, 2018, 98, .	1.1	26
96	Doping Induced Evolution of Fermi Surface in Low Carrier Superconductor Tl-Doped PbTe. Physical Review Letters, 2008, 100, 227004.	2.9	25
97	Quasinested Fe orbitals versus Mott-insulating V orbitals in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Sr</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold">VFeAsO</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>as seen from angle-resolved photoemission. Physical Review B, 2011, 83, .	1.1	25
98	Signature of band inversion in the antiferromagnetic phase of axion insulator candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>EuIn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub>As</mml:msub><mml:msub><mml:mi>Physical Review Research, 2020, 2, .	1.3	25
99	Fermi level position, Coulomb gap and Dresselhaus splitting in (Ga,Mn)As. Scientific Reports, 2016, 6, 27266.	1.6	24
100	Spin- and valley-coupled electronic states in monolayer WSe2 on bilayer graphene. Applied Physics Letters, 2015, 107, .	1.5	23
101	Selective fabrication of free-standing ABA and ABC trilayer graphene with/without Dirac-cone energy bands. NPG Asia Materials, 2018, 10, e466-e466.	3.8	23
102	Observation of a Dirac nodal line in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>AlB</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2018, 98, .	1.1	22
103	Angle-resolved and resonant photoemission spectroscopy on heavy-fermion superconductorsCe2CoIn8andCe2RhIn8. Physical Review B, 2005, 71, .	1.1	21
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