Shik Shin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3595529/publications.pdf

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194	7,661	46984	62565
papers	citations	47 h-index	80 g-index

197	197	197	7890
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multipole polaron in the devilâ€™s staircase of CeSb. Nature Materials, 2022, 21, 410-415.	13.3	9
2	Selective observation of surface and bulk bands in polar <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> by laser-based spin- and angle-resolved photoemission spectroscopy. Physical Review B, 2022, 105, .	1.1	2
3	Visualization of optical polarization transfer to photoelectron spin vector emitted from a spin-orbit coupled surface state. Physical Review B, 2022, 105, .	1.1	0
4	Environmental effects on layer-dependent dynamics of Dirac fermions in quasicrystalline bilayer graphene. Physical Review B, 2022, 105, .	1.1	3
5	Photo-Excitation Band-Structure Engineering of 2H-NbSe₂ Probed by Time- and Angle-Resolved Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2022, 91, .	0.7	3
6	Observation and control of the weak topological insulator state in ZrTe5. Nature Communications, 2021, 12, 406.	5.8	43
7	Evidence for a higher-order topological insulator in a three-dimensional material built from van der Waals stacking of bismuth-halide chains. Nature Materials, 2021, 20, 473-479.	13.3	98
8	Atomic-layer Rashba-type superconductor protected by dynamic spin-momentum locking. Nature Communications, 2021, 12, 1462.	5.8	20
9	Detecting electron-phonon coupling during photoinduced phase transition. Physical Review B, 2021, 103, .	1.1	28
10	High-temperature antiferromagnetism in Yb based heavy fermion systems proximate to a Kondo insulator. Physical Review Research, 2021, 3, .	1.3	7
11	Visualization of the strain-induced topological phase transition in a quasi-one-dimensional superconductor TaSe3. Nature Materials, 2021, 20, 1093-1099.	13.3	57
12	HHG-laser-based time- and angle-resolved photoemission spectroscopy of quantum materials. Journal of Electron Spectroscopy and Related Phenomena, 2021, 251, 147105.	0.8	12
13	Soft X-ray ARPES for three-dimensional crystals in the micrometre region. Journal of Synchrotron Radiation, 2021, 28, 1631-1638.	1.0	10
14	Ultrafast optical stress on BaFe2As2. Physical Review Research, 2021, 3, .	1.3	3
15	Discovery of mesoscopic nematicity wave in iron-based superconductors. Science, 2021, 373, 1122-1125.	6.0	13
16	Scaling law for Rashba-type spin splitting in quantum-well films. Physical Review B, 2021, 104, .	1.1	1
17	Orbital Angular Momentum Induced Spin Polarization of 2D Metallic Bands. Physical Review Letters, 2020, 125, 176401.	2.9	16
18	Magnetic topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">MnBi</mml:mi><mml:mn>6</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:mrow></mml:math> with a zero-field ferromagnetic state and gapped Dirac surface states. Physical Review B, 2020, 102, .	1.1	50

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19	A new Majorana platform in an Fe-As bilayer superconductor. Nature Communications, 2020, 11, 5688.	5.8	84
20	Observation of small Fermi pockets protected by clean CuO ₂ sheets of a high- T _c superconductor. Science, 2020, 369, 833-838.	6.0	25
21	Bose-Einstein condensation superconductivity induced by disappearance of the nematic state. Science Advances, 2020, 6, .	4.7	38
22	Massive Suppression of Proximity Pairing in Topological <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mo mathvariant="bold" stretchy="false">(</mml:mo><mml:msub><mml:mrow><mml:mi>Bi</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:	2.9	7
23	Devil's staircase transition of the electronic structures in CeSb. Nature Communications, 2020, 11, 2888.	5.8	21
24	Topological Surface State of Bi 2 Se 3 Modified by Adsorption of Organic Donor Molecule Tetrathianaphthacene. Advanced Materials Interfaces, 2020, 7, 2000524.	1.9	2
25	Radial Spin Texture in Elemental Tellurium with Chiral Crystal Structure. Physical Review Letters, 2020, 124, 136404.	2.9	76
26	Topologically Nontrivial Phase-Change Compound GeSb₂Te₄. ACS Nano, 2020, 14, 9059-9065.	7.3	15
27	Fully spin-polarized bulk states in ferroelectric GeTe. Physical Review Research, 2020, 2, .	1.3	13
28	Observation of unoccupied states of SnTe(111) using pump-probe ARPES measurement. Physical Review Research, 2020, 2, .	1.3	5
29	Photoinduced possible superconducting state with long-lived disproportionate band filling in FeSe. Communications Physics, 2019, 2, .	2.0	28
30	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>d</mml:mi></mml:math> -wave superconducting gap observed in protect-annealed electron-doped cuprate superconductors <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Pr</mml:mi><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.3</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi>La</mml:m /><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub><mml:mi>Ce</mml:mi><mml:msub><mml:mrow	1.1	13
31	Unified description of the electronic structure of M2AC nanolamellar carbides. Physical Review B, 2019, 100, .	1.1	8
32	Ultrafast Unbalanced Electron Distributions in Quasicrystalline 30Â° Twisted Bilayer Graphene. ACS Nano, 2019, 13, 11981-11987.	7.3	28
33	Ultrafast nematic-orbital excitation in FeSe. Nature Communications, 2019, 10, 1946.	5.8	19
34	Imaging the Formation of Ferromagnetic Domains at the LaAlO3/SrTiO3 Interface. Journal of the Physical Society of Japan, 2019, 88, 034717.	0.7	3
35	Coexistence of Two Types of Spin Splitting Originating from Different Symmetries. Physical Review Letters, 2019, 122, 126403.	2.9	14
36	Low-energy electron-mode couplings in the surface bands of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo></mml:m revealed by laser-based angle-resolved photoemission spectroscopy. Physical Review B, 2019, 99, .	1.1	6

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37	A weak topological insulator state in quasi-one-dimensional bismuth iodide. Nature, 2019, 566, 518-522.	13.7	119
38	Femtosecond-laser photoemission spectroscopy for ultrafast photovoltage dynamics: limitations and possibilities. , 2019, , .		0
39	Band-dependent superconducting gap in SrFe2(As0.65P0.35)2 studied by angle-resolved photoemission spectroscopy. Scientific Reports, 2019, 9, 16418.	1.6	0
40	Multiple topological states in iron-based superconductors. Nature Physics, 2019, 15, 41-47.	6.5	170
41	Giant Rashba system on a semiconductor substrate with tunable Fermi level: Bi/GaSb(110)â€“(2Ã—1). Physical Review Materials, 2019, 3, .	0.9	2
42	Experimental Determination of the Topological Phase Diagram in Cerium Monopnictides. Physical Review Letters, 2018, 120, 086402.	2.9	50
43	Quantum valence criticality in a correlated metal. Science Advances, 2018, 4, eaao3547.	4.7	28
44	Observation of topological superconductivity on the surface of an iron-based superconductor. Science, 2018, 360, 182-186.	6.0	500
45	Ultrafast dynamics of an unoccupied surface resonance state in Bi2Te2Se. Physical Review B, 2018, 97, .	1.1	4
46	Functions to map photoelectron distributions in a variety of setups in angle-resolved photoemission spectroscopy. Review of Scientific Instruments, 2018, 89, 043903.	0.6	16
47	Superconducting gap anisotropy sensitive to nematic domains in FeSe. Nature Communications, 2018, 9, 282.	5.8	56
48	Superconducting pairing of topological surface states in bismuth selenide films on niobium. Science Advances, 2018, 4, eaar7214.	4.7	36
49	Antiphase Fermi-surface modulations accompanying displacement excitation in a parent compound of iron-based superconductors. Physical Review B, 2018, 97, .	1.1	13
50	Origins of Thermal Spin Depolarization in Half-Metallic Ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CrO</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></m Physical Review Letters, 2018, 121, 257201.	2.9	8
51	Photo-induced semimetallic states realised in electronâ€“hole coupled insulators. Nature Communications, 2018, 9, 4322.	5.8	74
52	Experimental Methods for Spin- and Angle-Resolved Photoemission Spectroscopy Combined with Polarization-Variable Laser. Journal of Visualized Experiments, 2018, , .	0.2	5
53	Giant Rashba splitting of quasi-one-dimensional surface states on Bi/InAs(110)- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mn>2</mml:mn>×1<mml:mo>Ã—</m Physical Review B, 2018, 98, .		14
54	Enhanced photovoltage on the surface of topological insulator via optical aging. Applied Physics Letters, 2018, 112, .	1.5	12

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55	Element Selectivity in Second-Harmonic Generation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>GaFeO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> by a Soft-X-Ray Free-Electron Laser. Physical Review Letters, 2018, 120, 223902.	2.9	29
56	Prolonged photo-carriers generated in a massive-and-anisotropic Dirac material. Scientific Reports, 2018, 8, 9073.	1.6	11
57	Electronic Structure of Ce-Doped and -Undoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Nd</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> Superconducting Thin Films Studied by Hard X-Ray Photoemission and Soft X-Ray Absorption Spectroscopy. Physical Review Letters, 2018, 120, 257001.	2.9	22
58	Rashba spin splitting of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>L</mml:mi></mml:math> -gap surface states on Ag(111) and Cu(111). Physical Review B, 2018, 98, .	1.1	24
59	Disorder-sensitive nodelike small gap in FeSe. Physical Review B, 2018, 98, .	1.1	12
60	Polarization dependence of resonant magneto-optical Kerr effect measured by two types of figure-8 undulators. Journal of Electron Spectroscopy and Related Phenomena, 2017, 220, 17-20.	0.8	3
61	Spin-dependent quantum interference in photoemission process from spin-orbit coupled states. Nature Communications, 2017, 8, 14588.	5.8	34
62	Topologically Entangled Rashba-Split Shockley States on the Surface of Grey Arsenic. Physical Review Letters, 2017, 118, 046802.	2.9	27
63	Observation of spin-polarized bands and domain-dependent Fermi arcs in polar Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>MoT</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	1.1	27
64	Experimental evidence of hourglass fermion in the candidate nonsymmorphic topological insulator KHgSb. Science Advances, 2017, 3, e1602415.	4.7	121
65	Capturing ultrafast magnetic dynamics by time-resolved soft x-ray magnetic circular dichroism. Applied Physics Letters, 2017, 110, 162401.	1.5	17
66	Direct mapping of spin and orbital entangled wave functions under interband spin-orbit coupling of giant Rashba spin-split surface states. Physical Review B, 2017, 95, .	1.1	33
67	Multiple-pseudogap phases in the hydrogen-doped LaFeAsO system. Physical Review B, 2017, 95, .	1.1	7
68	Unusual nodal behaviors of the superconducting gap in the iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mi>Ba</mml:mi><mml:mo>(</mml:mo><mml:m	1.1	2
69	Evidence for magnetic Weyl fermions in a correlated metal. Nature Materials, 2017, 16, 1090-1095.	13.3	450
70	Unconventional Superconductivity in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>BiS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mr -Based Layered Superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>NdO</mml:mi></mml:mrow><mml:mrow><mml:mn>0.71</mml:mn> mathvariant="nor. Physical Review Letters, 2017, 118, 167002.	2.9	55
71	Suppression of supercollision carrier cooling in high mobility graphene on SiC(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.1	27
72	Determination of the element-specific complex permittivity using a soft x-ray phase modulator. Physical Review B, 2017, 96, .	1.1	10

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73	Signatures of a time-reversal symmetric Weyl semimetal with only four Weyl points. Nature Communications, 2017, 8, 942.	5.8	98
74	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>L</mml:mi></mml:math>-edge resonant magneto-optical Kerr effect of a buried Fe nanofilm. Physical Review B, 2017, 96, .	1.1	4
75	Ultrafast melting of spin density wave order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></ observed by time- and angle-resolved photoemission spectroscopy with extreme-ultraviolet higher harmonic generation. Physical Review B, 2017, 95, .	1.1	5
76	Femtosecond to picosecond transient effects in WSe 2 observed by pump-probe angle-resolved photoemission spectroscopy. Scientific Reports, 2017, 7, 15981.	1.6	11
77	Antiferroic electronic structure in the nonmagnetic superconducting state of the iron-based superconductors. Science Advances, 2017, 3, e1700466.	4.7	17
78	Spin-polarized quasi-one-dimensional state with finite band gap on the Bi/InSb(001) surface. Physical Review Materials, 2017, 1, .	0.9	2
79	Quasi-particles ultrafastly releasing kink bosons to form Fermi arcs in a cuprate superconductor. Scientific Reports, 2016, 6, 18747.	1.6	22
80	Imaging of room-temperature ferromagnetic nano-domains at the surface of a non-magnetic oxide. Nature Communications, 2016, 7, 11781.	5.8	30
81	High-resolution three-dimensional spin- and angle-resolved photoelectron spectrometer using vacuum ultraviolet laser light. Review of Scientific Instruments, 2016, 87, 053111.	0.6	69
82	Discovery of a new type of topological Weyl fermion semimetal state in MoxW1âˆ'xTe2. Nature Communications, 2016, 7, 13643.	5.8	163
83	Carrier Concentration Dependence of Superconducting Gap of Bi2(Sr,La)2CuO6+Î´. Journal of the Physical Society of Japan, 2016, 85, 104710.	0.7	4
84	Coexistence of a pseudogap and a superconducting gap for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mtext>high</mml:mtext><mml:mo>âˆ'</mml:mo><mml:msub><mml:mi>T xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2016, 93, .	1.1	17
85	Spin Polarization and Texture of the Fermi Arcs in the Weyl Fermion Semimetal TaAs. Physical Review Letters, 2016, 116, 096801.	2.9	102
86	Spin texture in type-II Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2016, 94, .	1.1	138
87	Coherent control over three-dimensional spin polarization for the spin-orbit coupled surface state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2016, 94, .	1.1	30
88	Low-Temperature and High-Energy-Resolution Laser Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2015, 84, 072001.	0.7	43
89	Nonequilibrium electronic and phonon dynamics ofCu0.17Bi2Se3investigated by core-level and valence-band time-resolved photoemission spectroscopy. Physical Review B, 2015, 92, .	1.1	4
90	Hybridization gap formation in the Kondo insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbB</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math> using time-resolved photoemission spectroscopy. Physical Review B, 2015, 92, .	1.1	23

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91	Tracing Ultrafast Carrier Dynamics in Graphene with Femtosecond Time-resolved Photoemission Spectroscopy. Hyomen Kagaku, 2015, 36, 418-423.	0.0	0
92	Selective Formation of Zigzag Edges in Graphene Cracks. ACS Nano, 2015, 9, 9027-9033.	7.3	24
93	Ultrafast electron dynamics at the Dirac node of the topological insulator Sb2Te3. Scientific Reports, 2015, 5, 13213.	1.6	60
94	Ultrahigh-spatial-resolution chemical and magnetic imaging by laser-based photoemission electron microscopy. Review of Scientific Instruments, 2015, 86, 023701.	0.6	35
95	Point nodes persisting far beyond Tc in Bi2212. Nature Communications, 2015, 6, 7699.	5.8	82
96	Ultrafast spin-switching of a ferrimagnetic alloy at room temperature traced by resonant magneto-optical Kerr effect using a seeded free electron laser. Review of Scientific Instruments, 2015, 86, 083901.	0.6	18
97	Application of High Harmonic Generation to Time-Resolved Photoemission Spectroscopy of Solids. The Review of Laser Engineering, 2015, 43, 838.	0.0	0
98	Time-resolved photoemission apparatus achieving sub-20-meV energy resolution and high stability. Review of Scientific Instruments, 2014, 85, 123904.	0.6	62
99	Observing hot carrier distribution in an n-type epitaxial graphene on a SiC substrate. Applied Physics Letters, 2014, 104, .	1.5	65
100	Evidence of a universal relation between electron-mode coupling andTcinBa1âˆ'xKxFe2As2superconductor from laser angle-resolved photoemission spectroscopy. Physical Review B, 2014, 90, .	1.1	5
101	Ultrafast photoinduced transition of an insulating<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">VO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>thin film into a nonrutile metallic state. Physical Review B, 2014, 89, .	1.1	19
102	Robust Protection from Backscattering in the Topological Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Bi</mml:mi></mml:mrow><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Sb</mml:mi></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>In</mml:mi></mml:mrow><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Se</mml:mi></mml:mrow><mml:mrow><mml:mn>0.3</mml:mn></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Te</mml:mi></mml:mrow><mml:mrow><mml:mn>2.7</mml:mn></mml:mrow></mml:msub></mml:math>. Physical Review Letters, 2014, 112, 136802.	2.9	53
103	Observation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>d</mml:mi></mml:math>-wave superconducting-gap symmetry in Ba-doped KFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow />	1.1	39
104	Observation of a giant Kerr rotation in a ferromagnetic transition metal by<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>M</mml:mi></mml:math>-edge resonant magneto-optic Kerr effect. Physical Review B, 2014, 89, .	1.1	15
105	Anisotropy of the superconducting gap in the iron-based superconductor BaFe2(As1-xPx)2. Scientific Reports, 2014, 4, 7292.	1.6	25
106	Superconductivity in an electron band just above the Fermi level: possible route to BCS-BEC superconductivity. Scientific Reports, 2014, 4, 4109.	1.6	85
107	New soft X-ray beamline BL07LSU at SPring-8. Journal of Synchrotron Radiation, 2014, 21, 352-365.	1.0	110
108	Anomalous Doping Variation of the Nodal Low-Energy Feature of Superconducting<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> Tj ETQq0 0 0 stretchy="false">(</mml:mo><mml:mi>Sr</mml:mi><mml:mo>,</mml:mo><mml:mi>La</mml:mi><mml:msub><mml:mo> Tj ETQq0 0 0	2.9	21

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109	Evidence of Orbital Order and its Fluctuation in Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ba</mml:mi><mml:mo mathvariant="bold" stretchy="false">(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo) Tj ETQq1 1 0.784314	2.9	46
110	Octet-Line Node Structure of Superconducting Order Parameter in KFe ₂ As ₂. Science, 2012, 337, 1314-1317.	6.0	215
111	Observation of two fine structures related to the hidden order in the spectral functions of URu2Si2. Physical Review B, 2012, 85, .	1.1	19
112	Abrupt change in the energy gap of superconducting Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	56
113	Angle-resolved photoemission study on the superconducting iron-pnictides of BaFe2(As,P)2 with low energy photons. Solid State Communications, 2012, 152, 695-700.	0.9	8
114	Electronic structure of an antiferromagnetic metal: CaCrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2011, 83, .	1.1	24
115	Orbital-Independent Superconducting Gaps in Iron Pnictides. Science, 2011, 332, 564-567.	6.0	131
116	Femtosecond core-level photoemision spectroscopy on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi></mml:mrow></mml:math>-TaS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow	1.1	53
117	/><mml:mn>2</mml:mn></mml:msub></mml:math>Al<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>20</mml:mn></mml:msub></mml:math>: Photoemission spectroscopy and single-impurity	1.1	30
118	Three energy scales characterizing the competing pseudogap state, the incoherent, and the coherent superconducting state in high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub></mml:m Physical Review B, 2011, 83, .	1.1	21
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122	Signature of hidden order and evidence for periodicity modification in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>URu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2010, 82, .	1.1	67
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