Hong Ding

List of Publications by Year
in descending order

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284	23,383	7568 77	8167 148
papers	citations	h-index	g-index

288	288	288	10693
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iron pnictides and chalcogenides: a newÂparadigm for superconductivity. Nature, 2022, 601, 35-44.	27.8	98
2	Observation of an Incommensurate Charge Density Wave in Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>TiSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mn>1</mml:mn><mml:mn>1</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overl 2022, 128, 026401.	7.8	9
3	Creation of a novel inverted charge density wave state. Structural Dynamics, 2022, 9, 014501.	2.3	7
4	Consecutive topological transitions of helical Fermi arcs at saddle points in CoSi. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	1
5	Giant Chern number of a Weyl nodal surface without upper limit. Physical Review B, 2022, 105, .	3.2	4
6	Electronic structure and open-orbit Fermi surface topology in isostructural semimetals NbAs2 and W2As3 with extremely large magnetoresistance. Applied Physics Letters, 2022, 120, .	3.3	5
7	Antinodal kink in the band dispersion of electron-doped cuprate La2â^'xCexCuO4Â±Î´. Npj Quantum Materials, 2022, 7, .	5.2	2
8	Hund's superconductor Li(Fe,Co)As. Physical Review B, 2021, 103, .	3.2	2
9	The As-surface of an iron-based superconductor CaKFe4As4. Nano Research, 2021, 14, 3921-3925.	10.4	6
10	Observation of magnetic adatom-induced Majorana vortex and its hybridization with field-induced Majorana vortex in an iron-based superconductor. Nature Communications, 2021, 12, 1348.	12.8	33
11	Unraveling the Orbital Physics in a Canonical Orbital System <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>KCuF</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></m Physical Review Letters, 2021, 126, 106401.	7.8	6
12	Discovery of $${hat{oldsymbol{C}}}_2$$ rotation anomaly in topological crystalline insulator SrPb. Nature Communications, 2021, 12, 2052.	12.8	5
13	Time-Reversal Symmetry Breaking Driven Topological Phase Transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>EuB</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></m Physical Review X, 2021, 11, .	8.9	14
14	Experimental perspective on three-dimensional topological semimetals. Reviews of Modern Physics, 2021, 93, .	45.6	265
15	Observation of a singular Weyl point surrounded by charged nodal walls in PtGa. Nature Communications, 2021, 12, 3994.	12.8	15
16	Majorana zero modes in impurity-assisted vortex of LiFeAs superconductor. Nature Communications, 2021, 12, 4146.	12.8	44
17	Honeycomb AgSe Monolayer Nanosheets for Studying Two-dimensional Dirac Nodal Line Fermions. ACS Applied Nano Materials, 2021, 4, 8845-8850.	5.0	13
18	Suppression of antiferromagnetic order in the electron-doped cuprate Tâ€²â^'La2â^'xCexCuO4Â±Î´. Physical Review B, 2021, 104, .	3.2	2

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19	Two distinct superconducting states controlled by orientations of local wrinkles in LiFeAs. Nature Communications, 2021, 12, 6312.	12.8	16
20	Single-Laser-Pulse-Driven Thermal Limit of the Quasi-Two-Dimensional Magnetic Ordering in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> Physical Review X, 2021, 11, .	8.9	0
21	Nearly quantized conductance plateau of vortex zero mode in an iron-based superconductor. Science, 2020, 367, 189-192.	12.6	172
22	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, .	3.2	50
23	A new Majorana platform in an Fe-As bilayer superconductor. Nature Communications, 2020, 11, 5688.	12.8	84
24	Orbital selectivity of layer-resolved tunneling in the iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>0.6</mml:m mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>0.4</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:m Physical Review B, 2020, 102, .	3.2	9
25	Sizable Band Gap in Epitaxial Bilayer Graphene Induced by Silicene Intercalation. Nano Letters, 2020, 20, 2674-2680.	9.1	23
26	Airâ€Stable Monolayer Cu₂Se Exhibits a Purely Thermal Structural Phase Transition. Advanced Materials, 2020, 32, e1908314.	21.0	26
27	Observation of flat bands due to band hybridization in the 3d -electron heavy-fermion compound CaCu3Ru4O12. Physical Review B, 2020, 102, .	3.2	5
28	Multiorbital charge-density wave excitations and concomitant phonon anomalies in Bi ₂ Sr ₂ LaCuO _{6+Î´}. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16219-16225.	7.1	29
29	Emergence of Nontrivial Lowâ€Energy Dirac Fermions in Antiferromagnetic EuCd₂As₂. Advanced Materials, 2020, 32, e1907565.	21.0	51
30	Doping evolution of the charge excitations and electron correlations in electron-doped superconducting La2â^'xCexCuO4. Npj Quantum Materials, 2020, 5, .	5.2	31
31	Phenomenological single-particle Green's function for the pseudogap and superconducting phases of high- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub> cuprates. Physical Review Research, 2020, 2, .	3.6	6
32	Emergent vortex Majorana zero mode in iron-based superconductors. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 110301.	0.5	17
33	Coupling of fully symmetric As phonon to magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ba</mml:mi><mml:msub><mml:mrow><mml:mo>(</mml:mo> Physical Review B, 2020, 102, .	3.2	5
34	In-plane electronic anisotropy resulted from ordered magnetic moment in iron-based superconductors. Physical Review Research, 2020, 2, .	3.6	3
35	Half-integer level shift of vortex bound states in an iron-based superconductor. Nature Physics, 2019, 15, 1181-1187.	16.7	144
36	Spin fluctuation induced Weyl semimetal state in the paramagnetic phase of EuCd ₂ As ₂. Science Advances, 2019, 5, eaaw4718.	10.3	122

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37	Experimental evidence of anomalously large superconducting gap on topological surface state of Î²-Bi2Pd film. Science Bulletin, 2019, 64, 1215-1221.	9.0	18
38	Anomalous doping evolution of nodal dispersion revealed by in situ ARPES on continuously doped cuprates. Physical Review B, 2019, 100, .	3.2	7
39	Observation of topological transition in high- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma superconducting monolayer <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 mathvariant="normal">Se</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math> films on <mml:math	3.2	37
40	Angle-resolved photoemission spectroscopy and its application toÂtopological materials. Nature Reviews Physics, 2019, 1, 609-626.	26.6	190
41	Observation of multiple types of topological fermions in PdBiSe. Physical Review B, 2019, 99, .	3.2	31
42	Dirac nodal surfaces and nodal lines in ZrSiS. Science Advances, 2019, 5, eaau6459.	10.3	125
43	Observation of unconventional chiral fermions with long Fermi arcs in CoSi. Nature, 2019, 567, 496-499.	27.8	260
44	Majorana gets an iron twist. National Science Review, 2019, 6, 196-197.	9.5	6
45	Realization of low-energy type-II Dirac fermions in (Ir _{1â^' x} Pt _x) Tj ETQq1 1 0.784314 rgBT	1.4	6
46	Hybridization Effects Revealed by Angle-Resolved Photoemission Spectroscopy in Heavy-Fermion Ce₂IrIn₈*. Chinese Physics Letters, 2019, 36, 097101.	3.3	6
47	Chiral fermion reversal in chiral crystals. Nature Communications, 2019, 10, 5505.	12.8	35
48	Quasiparticle interference evidence of the topological Fermi arc states in chiral fermionic semimetal CoSi. Science Advances, 2019, 5, eaaw9485.	10.3	46
49	Topological electronic states in HfRuP family superconductors. Npj Computational Materials, 2019, 5, .	8.7	21
50	Multiple topological states in iron-based superconductors. Nature Physics, 2019, 15, 41-47.	16.7	170
51	Observation of topological superconductivity on the surface of an iron-based superconductor. Science, 2018, 360, 182-186.	12.6	500
52	Epitaxial Growth of Honeycomb Monolayer CuSe with Dirac Nodal Line Fermions. Advanced Materials, 2018, 30, e1707055.	21.0	110
53	Trivial topological phase of CaAgP and the topological nodal-line transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>CaAg</mml:mi><mml:mo>(</mml:mo><mml:msub><mml:m Physical Review B, 2018, 97, .	3.2	25
54	Three-component fermions with surface Fermi arcs in tungsten carbide. Nature Physics, 2018, 14, 349-354.	16.7	109

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55	Extraction of tight binding parameters from in-situ ARPES on the continuously doped surface of cuprates. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	6
56	Evidence of a Coulomb-Interaction-Induced Lifshitz Transition and Robust Hybrid Weyl Semimetal in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:mi>d</mml:mi></mml:m Physical Review Letters, 2018, 121, 136401.	7.8	37
57	Continuous doping of a cuprate surface: Insights from in situ angle-resolved photoemission. Physical Review B, 2018, 98, .	3.2	17
58	Phase transition and electronic structure evolution of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoTe</mml:mi><mml:mn>2</mml:mn></mml:msub></m induced by W substitution. Physical Review B, 2018, 98, .	3.2	9
59	Binary Two-Dimensional Honeycomb Lattice with Strong Spin-Orbit Coupling and Electron-Hole Asymmetry. Physical Review Letters, 2018, 121, 126801.	7.8	33
60	Experimental observation of bulk nodal lines and electronic surface states in ZrB2. Npj Quantum Materials, 2018, 3, .	5.2	44
61	Coexistence of Polaronic States and Superconductivity in Iron-Pnictide Compound Ba 2 Ti 2 Fe 2 As 4 O. Chinese Physics Letters, 2018, 35, 057401.	3.3	0
62	Spatially Resolved X-ray Photoemission Electron Microscopy of Weyl Semimetal NbAs. Crystal Growth and Design, 2018, 18, 5210-5213.	3.0	5
63	Universal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:msub><mml:mi mathvariant="normal">Î”</mml:mi><mml:mo movablelimits="true" form="prefix">max</mml:mo></mml:msub><mml:mo>/</mml:mo><mml:msub><mml:mi>k</mml:mi><mml:mi>B</mml:mi></mml:m scaling decoupled from the electronic coherence in iron-based superconductors. Physical Review B,	3.2	16
64	Observation of a nodal chain with Dirac surface states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ti</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	3.2	44
65	Quantitative Characterization of the Nanoscale Local Lattice Strain Induced by Sr Dopants in La1.92Sr0.08CuO4. Physical Review Letters, 2018, 120, 197001.	7.8	2
66	Evidence for Majorana bound states in an iron-based superconductor. Science, 2018, 362, 333-335.	12.6	523
67	Microscopic Electronic Inhomogeneity in the High-T_c Superconductor Bi₂Sr₂CaCu₂O_{8+x}. Peking University-World Scientific Advanced Physics Series, 2018, , 77-88.	0.0	0
68	Engineering the Structural and Electronic Phases of MoTe₂ through W Substitution. Nano Letters, 2017, 17, 1616-1622.	9.1	128
69	Distinct Evolutions of Weyl Fermion Quasiparticles and Fermi Arcs with Bulk Band Topology in Weyl Semimetals. Physical Review Letters, 2017, 118, 106406.	7.8	27
70	Topologically Entangled Rashba-Split Shockley States on the Surface of Grey Arsenic. Physical Review Letters, 2017, 118, 046802.	7.8	27
71	Enhanced superconductivity accompanying a Lifshitz transition in electron-doped FeSe monolayer. Nature Communications, 2017, 8, 14988.	12.8	77
72	Experimental evidence of hourglass fermion in the candidate nonsymmorphic topological insulator KHgSb. Science Advances, 2017, 3, e1602415.	10.3	121

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73	Observation of three-component fermions in the topological semimetal molybdenum phosphide. Nature, 2017, 546, 627-631.	27.8	299
74	Evidence of topological insulator state in the semimetal LaBi. Physical Review B, 2017, 95, .	3.2	65
75	FeTe1â˜'Se monolayer films: towards the realization of high-temperature connate topological superconductivity. Science Bulletin, 2017, 62, 503-507.	9.0	59
76	Electronic Structure of the Metastable Epitaxial Rock-Salt SnSe <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">{</mml:mo><mml:mn>111</mml:mn><mml:mo stretchy="false">}</mml:mo></mml:mrow></mml:math> Topological Crystalline Insulator. Physical Review Letters, 2017, 7.	8.9	17
77	Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaCr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> symmetrical to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi	3.2	13
78	Superconductivity and electronic fluctuations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mml:msub> studied by Raman scattering. Physical Review B, 2017, 95, .	3.2	19
79	Fermi surface and effective masses in photoemission response of the (Ba1â˜'x K x)Fe2As2 superconductor. Scientific Reports, 2017, 7, 8787.	3.3	15
80	Magnetic moment evolution and spin freezing in doped BaFe2As2. Scientific Reports, 2017, 7, 8003.	3.3	11
81	Raman study of electron-phonon coupling in thin films of the spinel oxide superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LiTi</mml:mi><mml:mn>2</mml:mn></mml:	3.2	6
82	Coherent helix vacancy phonon and its ultrafast dynamics warning in topological Dirac semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">d</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">A</mml:mi><mml:msub><mml:mi mathvariant="normal">s</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physi	3.2	28
83	Electronic structure of SrSn2As2 near the topological critical point. Scientific Reports, 2017, 7, 6133.	3.3	19
84	Robustness of topological states with respect to lattice instability in the nonsymmorphic topological insulator KHgSb. Physical Review B, 2017, 96, .	3.2	3
85	Observation of open-orbit Fermi surface topology in the extremely large magnetoresistance semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoAs</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2017, 96, .	3.2	24
86	Experimental Investigation of Electronic Structure of La(O,F)BiSe 2. Chinese Physics Letters, 2016, 33, 127401.	3.3	0
87	Spin- and angle-resolved photoemission on the topological Kondo insulator candidate: SmB₆. Journal of Physics Condensed Matter, 2016, 28, 363001.	1.8	15
88	Stress-induced nematicity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuFe</mml:mi><mml:mn>2</mml:mn></mml: by Raman spectroscopy. Physical Review B, 2016, 94, .	3.2	9
89	Unconventional magnetization of Fe3O4 thin film grown on amorphous SiO2 substrate. AIP Advances, 2016, 6, .	1.3	15
90	Angle-resolved photoemission observation of Mn-pnictide hybridization and negligible band structure renormalization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaMn</mml:mi><mml:mn>2</mml:mn></m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaMn</mml:mi><mml:mn>2</mml:mn></m Physical Review B, 2016, 94, .	3.2	16

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91	Observation of non-Fermi liquid behavior in hole-dopedLiFe1â^'xVxAs. Physical Review B, 2016, 94, .	3.2	12
92	Observation of Weyl nodes and Fermi arcs in tantalum phosphide. Nature Communications, 2016, 7, 11006.	12.8	264
93	Observation of high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma in rectangular<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mtext>FeSe</mml:mtext><mml:mo>/</mml:mo><mml:msub><mml:mi mathvariant="normal">SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>(</mml:mo><mml:mn>110</mml:mn><mml:ma Physical Review B, 2016, 94, .	3.2	54
94	Compensated Semimetal LaSb with Unsaturated Magnetoresistance. Physical Review Letters, 2016, 117, 127204.	7.8	132
95	Coupled commensurate charge density wave and lattice distortion in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml:mrow> mathvariant="normal">O</mml:mi><mml:mspace width="0.28em"		

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109	Comparative Raman study of Weyl semimetals TaAs, NbAs, TaP and NbP. Journal of Physics Condensed Matter, 2016, 28, 295401.	1.8	14
110	Spectral properties of transition metal pnictides and chalcogenides: Angle-resolved photoemission spectroscopy and dynamical mean-field theory. Comptes Rendus Physique, 2016, 17, 140-163.	0.9	38
111	Coexistence of clean- and dirty-limit superconductivity in LiFeAs. Physical Review B, 2016, 93, .	3.2	12
112	Characterization of superconducting FeSe0.5Te0.5 hot electron bolometer. , 2015, , .		1
113	Observation of two distinct<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>d</mml:mi><mml:mrow><mml:mi>x</mml:mi><mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>d</mml:mi><mml:mrow><mml:mi>y</mml:mi><mml:m Splitting in FeSe. Physical Review B, 2015, 91, .	3.2	130
114	Direct spectroscopic evidence for completely filled Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:m in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaCu</mml:mi><mml:mn>2</mml:mn></mm xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo>â^'</mml:mo><mml:msub><m. Physical Review B, 2015, 91, .	3.2	16
115	Raman study of lattice dynamics in the Weyl semimetal TaAs. Physical Review B, 2015, 92, .	3.2	30
116	Topological nature of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeSe</mml:mi><mml:mrow><mml:mn>0.5< Physical Review B, 2015, 92, .	3.2	21
117	Ultrafast carrier dynamics in the large-magnetoresistance material<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></m Physical Review B, 2015, 92, .	3.2	58
118	Observation of Fermi-Arc Spin Texture in TaAs. Physical Review Letters, 2015, 115, 217601.	7.8	115
119	Tuning electronic correlations in transition metal pnictides: Chemistry beyond the valence count. Physical Review B, 2015, 91, .	3.2	20
120	Observation of a Raman-active phonon with Fano line shape in the quasi-one-dimensional superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cr</mml:mi><mml:mn>3</mml:mn></n Physical Review B, 2015, 92, .	3.2	20
121	Cauliflower-shaped band reconciles heavy-electron behavior with weak electronic Coulomb correlations in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">TlNi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Se</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 92, .	3.2	13
122	Sudden gap closure across the topological phase transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>2</mm Physical Review B, 2015, 92, .	3.2	16
123	Observation of a Van Hove singularity and implication for strong-coupling induced Cooper pairing inKFe2As2. Physical Review B, 2015, 92, .	3.2	25
124	Experimental Discovery of Weyl Semimetal TaAs. Physical Review X, 2015, 5, .	8.9	1,506
125	Hall effect in the extremely large magnetoresistance semimetal WTe2. Applied Physics Letters, 2015, 107, .	3.3	124
126	Spin-Fluctuation-Induced Non-Fermi-Liquid Behavior with Suppressed Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>LiFe</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><m Physical Review X, 2015, 5, .	8.9	35

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127	Observation of strong electron pairing on bands without Fermi surfaces in LiFe1â^'xCoxAs. Nature Communications, 2015, 6, 6056.	12.8	68
128	ARPES measurements of the superconducting gap of Fe-based superconductors and their implications to the pairing mechanism. Journal of Physics Condensed Matter, 2015, 27, 293203.	1.8	40
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155	<mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>d</mml:mi><mml:mrow><mml:msup><mml:mi>x</mml:mi><mml:mn>2</mml:mn></mml:msup> <mml:mo>−</mml:mo><mml:msup><mml:mi>y</mml:mi><mml:mn>2</mml:mn></mml:msup></mml:mrow></mml:msub></mml:math> in Underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo	7.8	54
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