Hai-Hu Wen

List of Publications by Year
in descending order

188 papers	7,430 citations	43973 48 h-index	64668 79 g-index
191 all docs	191 docs citations	191 times ranked	4514 citing authors

#	Article	IF	Citations
1	Characterization of the (Cu,C)Ba₂Ca₃Cu₄O 11+Î´ single crystals grown under high pressure. Superconductor Science and Technology, 2022, 35, 025004.	1.8	7
2	Superconductivity in nickel-based 112 systems. Innovation(China), 2022, 3, 100202.	5.2	36
3	Terahertz pulse-driven collective mode in the nematic superconducting state of Ba1âˆ’xKxFe2As2. Npj Quantum Materials, 2022, 7, .	1.8	15
4	Generalized phenomenological model for the magnetic field penetration and magnetization hysteresis loops of a type-II superconductor. Physical Review B, 2022, 105, .	1.1	6
5	No observation of chiral flux current in the topological kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CsV</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sb</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review B,	1.1	36
6	Tuning the competition between superconductivity and charge order in the kagome superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Cs</mml:mi><mml:msub><mml:mrow><mml:mi></mml:mi></mml:mrow><mml:mo>(</mml:mo> Physical Review B, 2022, 105, .	1.1	39
7	Observation of anomalous amplitude modes in the kagome metal CsV3Sb5. Nature Communications, 2022, 13, .	5.8	34
8	Contrasting physical properties of the trilayer nickelates Nd4Ni3O10 and Nd4Ni3O8. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	18
9	Crossover from Kondo to Fermi-liquid behavior induced by high magnetic field in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>1</mml:mn><mml:mi>T</mml:mi><mml:mo>â€™</mml:mo><mml:m mathvariant="normal">V</mml:mi><mml:msub><mml:mrow><mml:mi>Te</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msu single crystals. Physical Review B, 2021, 103, .	1.1	12
10	Charge-stripe fluctuations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Nd</mml:mi></mml:mrow><mml:mn>4</mml:mn> mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>8</mml:mn></mml:msub></mml:math> as evidenced by optical spectroscopy. Physical Review B, 2021, 103, .	1.1	8
11	Synthesis and physical properties of perovskite Sm_{1âˆ’x}Sr_xNiO₃ (x = 0, 0.2) and infinite-layer Sm_{0.8}Sr_{0.2}NiO₂ nickelates. Journal of Physics Condensed Matter, 2021, 33, 265701.	0.7	19
12	Physical Properties Revealed by Transport Measurements for Superconducting Nd_{0.8}Sr_{0.2}NiO₂ Thin Films. Chinese Physics Letters, 2021, 38, 047401.	1.3	30
13	Friedel Oscillations of Vortex Bound States under Extreme Quantum Limit in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>KCa</mml:mi></mml:mrow><mml:mrow><mml:mn> Physical Review Letters, 2021, 126, 257002.	2.9	20
14	NMR Evidence of Antiferromagnetic Spin Fluctuations in Nd_{0.85}Sr_{0.15}NiO₂. Chinese Physics Letters, 2021, 38, 067401.	1.3	42
15	Single-particle tunneling spectroscopy and superconducting gaps in the layered iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">KCa</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">Fe</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi	1.1	13
16	Origin of charge density wave in the kagome metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CsV</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sb</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math> as revealed by optical spectroscopy. Physical Review B, 2021, 104, .	1.1	89
17	Superconducting gap opens fully in the newly found topological kagome metal CsV3Sb5. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	1
18	Superconductivity at 44.4 K achieved by intercalating EMIM⁺ into FeSe*. Chinese Physics B, 2021, 30, 107402.	0.7	8

#	Article	IF	Citations
19	Twofold symmetry of c-axis resistivity in topological kagome superconductor CsV3Sb5 with in-plane rotating magnetic field. Nature Communications, 2021, 12, 6727.	5.8	115
20	Direct visualization of a static incommensurate antiferromagnetic order in Fe-doped Bi ₂ Sr ₂ CaCu ₂ O _{8+Î´}. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	6
21	Unconventional Superconductivity Induced by Suppressing an Iron-Selenium-Based Mott Insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CsFe</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn> Physical Review X, 2020, 10, .	2.8	2
22	Single particle tunneling spectrum of superconducting Nd1-xSrxNiO2 thin films. Nature Communications, 2020, 11, 6027.	5.8	109
23	Superconductivity in Sm-doped 1,3,5-triphenylbenzene. Physical Review B, 2020, 101, .	1.1	1
24	Twofold symmetry of proximity-induced superconductivity in Bi2Te3/Bi2Sr2CaCu2O8+Î´ heterostructures revealed by scanning tunneling microscopy. Physical Review B, 2020, 101, .	1.1	11
25	Van Hove singularity arising from Mexican-hat-shaped inverted bands in the topological insulator Sn-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>1.1</ mathvariant="normal">S</mml:mi></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	1.1	11
26	Anomalous phonon softening in the topological insulator Sn-doped Bi1.1Sb0.9Te2S. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	4
27	Preparation and superconducting properties of the (Cu,C)Ba₂Ca₃Cu₄O_{11+y} films with zero-resistance transition temperature of 96 K. Superconductor Science and Technology, 2020, 33, 025009.	1.8	3
28	Robust Zero Energy Modes on Superconducting Bismuth Islands Deposited on Fe(Te,Se). Nano Letters, 2020, 20, 2965-2972.	4.5	6
29	Existence of carbonate clusters and its relationship with critical temperature in superconducting (Cu,C)Ba2Ca3Cu4O films. Physica C: Superconductivity and Its Applications, 2020, 573, 1353646.	0.6	3
30	Absence of superconductivity in bulk Nd1â^'xSrxNiO2. Communications Materials, 2020, 1, .	2.9	115
31	Synthesis, structure, and physical properties of bilayer molybdate Sr3Mo2O7 with flat-band. Philosophical Magazine, 2020, 100, 2402-2415.	0.7	5
32	Antiferromagnetism, charge ordering and stretched Niâ€“O bond in Ln₄Ni₃O₈ (Ln = La, Nd). Journal of Physics Condensed Matter, 2020, 33, 075503.	0.7	3
33	Quasi-particle Excitations in High-TC Cuprate Superconductors Probed by Specific Heat: Implications on the Superconducting Condensation. Peking University-World Scientific Advanced Physics Series, 2020, , 303-345.	0.0	0
34	Interplay between superconductivity and itinerant magnetism in underdoped Ba1â^'xKxFe2As2 (xâ€‰=â€‰0.2) probed by the response to controlled point-like disorder. Npj Quantum Materials, 2019, 4, .	1.8	15
35	Point-contact tunneling spectroscopy between a Nb tip and an ideal topological insulator Sn-doped Bi1.1Sb0.9Te2S. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	2
36	Multiband superconductivity and possible nodal gap in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">RbCr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> revealed by Andreev reflection and single-particle tunneling measurements. Physical Review B, 2019, 100, .	1.1	5

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37	Directly visualizing the sign change of d-wave superconducting gap in Bi2Sr2CaCu2O8+Î´ by phase-referenced quasiparticle interference. Nature Communications, 2019, 10, 1603.	5.8	20
38	Accurate determination of the Fermi surface of tetragonal FeS via quantum oscillation measurements and quasiparticle self-consistent GW calculations. Physical Review B, 2019, 99, .	1.1	3
39	Synergy and competition between superconductivity and antiferromagnetism in FeSe under pressure. Physical Review B, 2019, 99, .	1.1	8
40	Comparative study of vortex dynamics in CaKFe4As4 and Ba0.6K0.4Fe2As2 single crystals. Science Bulletin, 2019, 64, 81-90.	4.3	29
41	Direct visualization of sign-reversal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>s</mml:mi><mml:mo>Â±</mml:mo></mml:msup></mml: gaps in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeTe</mml:mi><mml:mrow><mml:mn>0. Physical Review B, 2019, 99, .	1.1	13
42	Discrete energy levels of Caroli-de Gennes-Matricon states in quantum limit in FeTe0.55Se0.45. Nature Communications, 2018, 9, 970.	5.8	88
43	Transient electronic anisotropy in overdoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>NaF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml: mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>As</mml:mi></mml:mrow></mml:math> superconductors. Physical Review B, 2018, 97, .	1.1	5
44	Protonation induced high- T c phases in iron-based superconductors evidenced by NMR and magnetization measurements. Science Bulletin, 2018, 63, 11-16.	4.3	48
45	Sign reversal of the order parameter in (Li1â^’xFex)OHFe1â^’yZnySe. Nature Physics, 2018, 14, 134-139.	6.5	58
46	Absence of superconductivity in LiPdH_x. Philosophical Magazine, 2018, 98, 623-631.	0.7	4
47	Collective vortex pinning and merging of the irreversibility line and second peak effect in optimally doped Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" overflow="scroll"><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>K x BiO 3 single crystals. Physica C: Superconductivity and its Applications, 2018, 545, 42-49.	0.6	9
48	Unprecedented high irreversibility line in the nontoxic cuprate superconductor (Cu,C)Ba ₂ Ca ₃ Cu ₄ O _{11+Î´}. Science Advances, 2018, 4, eaau0192.	4.7	17
49	Microscopic origin of Cooper pairing in the iron-based superconductor Ba1â^’xKxFe2As2. Npj Quantum Materials, 2018, 3, .	1.8	17
50	Sign-reversal superconducting gaps revealed by phase-referenced quasiparticle interference of impurity-induced bound states in (Li1â^’xFex)OHFe1â^’yZnySe. Physical Review B, 2018, 98, .	1.1	13
51	Pressure induced superconductivity in the compound ScZrCo. New Journal of Physics, 2018, 20, 073036.	1.2	3
52	Vortex lattice and vortex bound states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsFe</mml:mi><mml:mn>2</mml:mn></mml:mn></mml investigated by scanning tunneling microscopy/spectroscopy. Physical Review B, 2018, 98, .	1.1	4
53	Discovery of a new nontoxic cuprate superconducting system Ga-Ba-Ca-Cu-O. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	2.0	3
54	Structure and physical properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsV</mml:mi><mml:mn>2</mml:mn></mml:mn></mm mathvariant="normal">O</mml:mi></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se. Physical Review B, 2018, 98, .	1.1	11

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55	Superconductivity with twofold symmetry in Bi ₂ Te ₃ /FeTe _{0.55} Se _{0.45} heterostructures. Science Advances, 2018, 4, eaat1084.	4.7	57
56	Superconductivity in LiOHFeS single crystals with a shrunk c-axis lattice constant. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	7
57	Drive the Dirac electrons into Cooper pairs in SrxBi2Se3. Nature Communications, 2017, 8, 14466.	5.8	52
58	Superconductivity with two-fold symmetry in topological superconductor Sr x Bi2Se3. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	63
59	Pressure-induced superconductivity in Bi single crystals. Physical Review B, 2017, 95, .	1.1	40
60	Highly anisotropic superconducting gaps and possible evidence of antiferromagnetic order in FeSe single crystals. Physical Review B, 2017, 96, .	1.1	21
61	Magnetic fluctuations in BaFe 2â^'x Ni x As 2 superconductors. Solid State Communications, 2017, 267, 48-52.	0.9	0
62	BCS-like critical fluctuations with limited overlap of Cooper pairs in FeSe. Physical Review B, 2017, 96, .	1.1	28
63	Concurrence of superconductivity and structure transition in Weyl semimetal TaP under pressure. Npj Quantum Materials, 2017, 2, .	1.8	47
64	Magnetization of potassium-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -terphenyl and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -quaterphenyl by high-pressure synthesis. Physical Review B, 2017, 96, .	1.1	37
65	Plastic pinning replaces collective pinning as the second magnetization peak disappears in the pnictide 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>1</mml:mn><mml:mo>-</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>0.25</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>Fe</mml:mi> Physical Review B, 2017, 95, .	1.1	31
66	Coherent optical phonon oscillation and possible electronic softening in WTe2 crystals. Scientific Reports, 2016, 6, 30487.	1.6	33
67	Pressure Induced Enhancement of Superconductivity in LaRu2P2. Scientific Reports, 2016, 6, 24479.	1.6	8
68	Scrutinizing the double superconducting gaps and strong coupling pairing in (Li1â^'xFex)OHFeSe. Nature Communications, 2016, 7, 10565.	5.8	68
69	Strong-coupling superconductivity revealed by scanning tunneling microscope in tetragonal FeS. Physical Review B, 2016, 94, .	1.1	14
70	Pressure-enhanced superconductivity in quasi-1D cobalt carbide Sc ₃ CoC ₄. Europhysics Letters, 2016, 115, 27007.	0.7	8
71	Chemical doping effect in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">LaRu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">Si</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>superconductor with a kagome lattice. Physical Review B, 2016, 94, .	1.1	13
72	Upper critical field and quantum oscillations in tetragonal superconducting FeS. Physical Review B, 2016, 94, .	1.1	13

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73	Nodal superconducting gap in tetragonal FeS. Physical Review B, 2016, 93, .	1.1	33
74	Multiband superconductivity and large anisotropy in FeS crystals. Physical Review B, 2016, 93, .	1.1	48
75	Possible superconducting fluctuation and pseudogap state above<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:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsFe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math Physical Review B, 2016, 93, .	1.1	6
76	Robust superconductivity and transport properties in (Li1-x Fe x)OHFeSe single crystals. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	16
77	Anisotropic electronic mobilities in the nematic state of the parent phase NaFeAs. Physical Review B, 2015, 92, .	1.1	5
78	Fully gapped superconductivity in In-doped topological crystalline insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Pb</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math Physical Review B, 2015, 92, .	1.1	18
79	Magnetization relaxation, critical current density, and vortex dynamics in a<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:mn></mml:mrow></mml:msub></mml:mrow></mml:math mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>0.32</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>BiO</mml:mi></mml:msub></mml:math crystal. Physical Review B, 2015, 91, .	1.1	13
80	Observation of a Van Hove singularity and implication for strong-coupling induced Cooper pairing inKFe2As2. Physical Review B, 2015, 92, .	1.1	25
81	Evidence for nodeless superconductivity in NdO_{1âˆ’x}F_xBiS₂(x= 0.3 and 0.5) single crystals. Journal of Physics Condensed Matter, 2015, 27, 225701.	0.7	26
82	Simultaneous vanishing of nematic electronic state and structural orthorhombicity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">NaFe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">Co</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">As</mml:mi></mml:math>single crystals. Physical Review B, 2015, 91, .	1.1	11
83	Superconductivity in Ba2/3Pt3B2 with the Kagome lattice. Annals of Physics, 2015, 358, 248-254.	1.0	7
84	Doping Induced Gap Anisotropy in Iron-Based Superconductors: a Point-Contact Andreev Reflection Study of BaFe 2âˆ’x Ni x As 2 Single Crystals. Chinese Physics Letters, 2015, 32, 077401.	1.3	3
85	Anisotropic Superconducting Gap and Elongated Vortices with Caroli-De Gennes-Matricon States in the New Superconductor Ta4Pd3Te16. Scientific Reports, 2015, 5, 9408.	1.6	28
86	Suppression of a possible spin-density wave transition in Cr₂GaN by Ge doping. Philosophical Magazine, 2015, 95, 2831-2837.	0.7	5
87	The effect of impurity and the suppression of superconductivity in Na(Fe0.97âˆ’xCo0.03Tx)As (T = Cu,) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	9
88	Competition between superconductivity and magnetic/nematic order as a source of anisotropic superconducting gap in underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math xmlns:mm	1.1	28
89	Localization of charge carriers in the normal state of underdoped Bi2+xSr2âˆ’xCuO6+Î´. Physical Review B, 2014, 89, .	1.1	3
90	Magnetism and superconductivity inSr2VFeAsO3revealed by75As- and51V-NMR under elevated pressures. Physical Review B, 2014, 89, .	1.1	13

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91		1.1	22
92	Strong and nonmonotonic temperature dependence of Hall coefficient in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>K</mml:mtext><mml:mi>x</mml:mi></mml:msub><m crystals. Physical Review B, 2014, 89, .	1.1	31
93	mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>y</mml:mi></mml:mrow> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Se</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>superconductors studied by pump-probe spectroscopy. Physical Review B, 2014, 89, .	1.1	26
94	Critical Current Oscillations in the Intrinsic Hybrid Vortex State of SmFeAs(O,F). Physical Review Letters, 2014, 113, 186402.	2.9	7
95	Spectroscopic signature of Kondo screening on single adatoms inNa(Fe0.96Co0.03Mn0.01)As. Physical Review B, 2014, 89, .	1.1	1
96	Intrinsic Josephson junctions in the iron-based multi-band superconductor (V2Sr4O6)Fe2As2. Nature Physics, 2014, 10, 644-647.	6.5	43
97	Lower critical field and SNS-Andreev spectroscopy of 122-arsenides: Evidence of nodeless superconducting gap. Physical Review B, 2014, 90, .	1.1	31
98	Pressure-tuned enhancement of superconductivity and change of ground state properties inLaO0.5F0.5BiSe2single crystals. Physical Review B, 2014, 90, .	1.1	18
99	Power-law-like correlation between condensation energy and superconducting transition temperatures in iron pnictide/chalcogenide superconductors: Beyond the BCS understanding. Physical Review B, 2014, 89, .	1.1	12
100	Surface impedance of BaFe2â^’xNixAs2 crystals. Solid State Communications, 2014, 185, 10-13.	0.9	2
101	Giant superconducting fluctuation and anomalous semiconducting normal state in NdO _{1â^’x} F _x Bi _{1â^’y} S ₂ single crystals. Europhysics Letters, 2014, 106, 67002.	0.7	66
102	Study on Unconventional Superconductivity after the BCS Paradigm. , 2014, , .		0
103	Surface impedance in the antiferromagnetic and superconducting states of underdoped BaFe1.93Ni0.07As2 crystals. Solid State Communications, 2014, 192, 47-50.	0.9	1
104	Balancing Act: Evidence for a Strong Subdominant<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>d</mml:mi></mml:mrow></mml:math>-Wave Pairing Channel in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>0.6</mml:mn></m mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mn>0.4</mml:mn></mml:mrow></mml:msub><mml:msu.	2.8	40
105	Influence of microstructure on superconductivity in KxFe2â^’ySe2 and evidence for a new parent phase K2Fe7Se8. Nature Communications, 2013, 4, 1897.	5.8	92
106	Doping effect of Cu and Ni impurities on the Fe-based superconductor Ba _{0.6} K _{0.4} Fe ₂ As ₂. Europhysics Letters, 2013, 104, 37007.	0.7	13
107	Close relationship between superconductivity and the bosonic mode in Ba0.6K0.4Fe2As2 and Na(Fe0.975Co0.025)As. Nature Physics, 2013, 9, 42-48.	6.5	53
108	Sign-reversal of the in-plane resistivity anisotropy in hole-doped iron pnictides. Nature Communications, 2013, 4, 1914.	5.8	100

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114		1.1	9
115	Unexpected weak spatial variation in the local density of states induced by individual Co impurity atoms in superconducting Na(Fe<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>Co<mml:math	1.1	25
116	Superconductivity appears in the vicinity of semiconducting-like behavior in CeO<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>F<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>BiS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mm	1.1	268
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131	<mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>A</mml:mi><mml:mrow><mml:mn>2</mml:mn>	1.1	17
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141	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>4</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:math>- and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>5</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:math>-metal-doped	1.1	110
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