

Hai-Hu Wen

List of Publications by Year in descending order

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188
papers

7,430
citations

43973

48
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64668

79
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191
all docs

191
docs citations

191
times ranked

4514
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconductivity at 25 K in hole-doped (La _{1-x} Sr _x)OFeAs. Europhysics Letters, 2008, 82, 17009.	0.7	538
2	Transition of stoichiometric Sr ₂ FeAs ₂ to a superconducting state at 37.2 K. Physical Review B, 2009, 79, 014504. Behavior in CeO ₂	0.8	265
3	Roles of multiband effects and electron-hole asymmetry in the superconductivity and normal-state properties of BiS ₂	1.1	268
4			

#	ARTICLE	IF	CITATIONS
19	Growth and characterization of $A_{1-x}K_xFe_2As_2$ (A = Ba, Sr) single crystals with $x = 0 \sim 0.4$. Superconductor Science and Technology, 2008, 21, 125014.	1.8	106
20	Quasiparticle heat transport in single-crystalline $BaFe_2As_2$. Physical Review B, 2009, 80, .	1.1	104
21	Critical current, magnetization relaxation and activation energies for YBa ₂ Cu ₃ O ₇ and YBa ₂ Cu ₄ O ₈ films. Physica C: Superconductivity and Its Applications, 1995, 241, 353-374.	0.6	102
22	Transport properties and anisotropy of Rb _{1-x} K _x Fe ₂ As ₂ . Physical Review B, 2009, 80, .	1.1	101
23	Sign-reversal of the in-plane resistivity anisotropy in hole-doped iron pnictides. Nature Communications, 2013, 4, 1914.	5.8	100
24	Influence of microstructure on superconductivity in KxFe ₂ ~ySe ₂ and evidence for a new parent phase K ₂ Fe ₇ Se ₈ . Nature Communications, 2013, 4, 1897.	5.8	92
25	Origin of charge density wave in the Kagome metal CsV_3Sb_5 as revealed by optical spectroscopy. Physical Review B, 2021, 104, .	1.1	89
26	Discrete energy levels of Caroli-de Gennes-Matricorn states in quantum limit in FeTe _{0.55} Se _{0.45} . Nature Communications, 2018, 9, 970.	5.8	88
27	SrFeAsF as a parent compound for iron pnictide superconductors. Physical Review B, 2008, 78, .	1.1	81
28	High-T _c superconductivity induced by doping rare-earth elements into CaFeAsF. Europhysics Letters, 2009, 85, 67003.	0.7	81
29	Hall effect and magnetoresistance in single crystals of CsV_3Sb_5 .		

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37	Fully Band-Resolved Scattering Rate in MgB ₂ Revealed by the Nonlinear Hall Effect and Magnetoresistance Measurements. <i>Physical Review Letters</i> , 2008, 101, 067001.	2.9	59
38	Sign reversal of the order parameter in (Li _{1-x} Fex)OHFe _{1-y} ZnySe. <i>Nature Physics</i> , 2018, 14, 134-139.	6.5	58
39	Superconductivity with twofold symmetry in Bi ₂ Te ₃ /FeTe _{0.55} Se _{0.45} heterostructures. <i>Science Advances</i> , 2018, 4, eaat1084.	4.7	57
40	Superconductivity in fluoride-arsenide Sr _{1-x} La _x FeAsF compounds. <i>Europhysics Letters</i> , 2009, 85, 17011.	0.7	56
41	Evidence of a Spin Resonance Mode in the Iron-Based Superconductor $K_{0.4}Ba_{0.6}Fe_{2}As_{2}$. <i>Physical Review Letters</i> , 2012, 108, 227002.	2.9	53
42	Close relationship between superconductivity and the bosonic mode in Ba _{0.6} K _{0.4} Fe ₂ As ₂ and Na(Fe _{0.975} Co _{0.025})As. <i>Nature Physics</i> , 2013, 9, 42-48.	6.5	53
43	Electronic specific heat and low-energy quasiparticle excitations in the superconducting state of La _{2-x} Sr _x CuO ₄ single crystals. <i>Physical Review B</i> , 2004, 70, .	1.1	52
44	Drive the Dirac electrons into Cooper pairs in Sr _x Bi ₂ Se ₃ . <i>Nature Communications</i> , 2017, 8, 14466.	5.8	52
45	Developments and Perspectives of Iron-based High-Temperature Superconductors. <i>Advanced Materials</i> , 2008, 20, 3764-3769.	11.1	51
46	Raman-Scattering Detection of Nearly Degenerate d -Wave and s -Wave Pairing Channels in Iron-Based d -Wave BCS Superconductivity and Unpaired Electrons in Overdoped $Sr_{1-x}La_xFe_2As_2$. <i>Physical Review Letters</i> , 2013, 110, 117001.	2.9	51
47	In-gap quasiparticle excitations induced by non-magnetic Cu impurities in Na(Fe _{0.96} Co _{0.03} Cu _{0.01})As revealed by scanning tunnelling spectroscopy. <i>Nature Communications</i> , 2013, 4, 2749.	1.1	49
48	Multiband superconductivity and large anisotropy in FeS crystals. <i>Physical Review B</i> , 2016, 93, .	1.1	48
49	Protonation induced high- T_c phases in iron-based superconductors evidenced by NMR and magnetization measurements. <i>Science Bulletin</i> , 2018, 63, 11-16.	4.3	48
50	Concurrence of superconductivity and structure transition in Weyl semimetal TaP under pressure. <i>Npj Quantum Materials</i> , 2017, 2, .	1.8	47
51	Intrinsic Josephson junctions in the iron-based multi-band superconductor (V ₂ Sr ₄ O ₆)Fe ₂ As ₂ . <i>Nature Physics</i> , 2014, 10, 644-647.	6.5	43
52	2D Vortex-Glass Transition with $T_g=0$ K in Tl ₂ Ba ₂ CaCu ₂ O ₈ Thin Films due to High Magnetic Fields. <i>Physical Review Letters</i> , 1998, 80, 3859-3862.	2.9	42
53	NMR Evidence of Antiferromagnetic Spin Fluctuations in Nd _{0.85} Sr _{0.15} NiO ₂ . <i>Chinese Physics Letters</i> , 2021, 38, 067401.	1.3	42

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55	Pairing Anisotropy and Evidence for a Strong Subdominant d -Wave Pairing Channel in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ Single Crystals. Physical Review B, 2017, 95, .	2.8	40
56	Pressure-induced superconductivity in Bi single crystals. Physical Review B, 2017, 95, .	1.1	40
57	Pseudogap, superconducting energy scale, and Fermi arcs of underdoped cuprate superconductors. Physical Review B, 2005, 72, .	1.1	39
58	Tuning the competition between superconductivity and charge order in the kagome superconductor CsV_3Sb_5 . Physical Review B, 2022, 105, .	1.1	37
59	Magnetization of potassium-doped p -terphenyl and p -quaterphenyl by high-pressure synthesis. Physical Review B, 2017, 96, .	1.1	37
60	Angular dependence of resistivity in the superconducting state of $\text{NdFeAsO}_{0.82}\text{F}_{0.18}$ single crystals. Superconductor Science and Technology, 2008, 21, 105018.	1.8	36
61	Overview on the physics and materials of the new superconductor $\text{K}_x\text{Fe}_{2-y}\text{Se}_2$. Reports on Progress in Physics, 2012, 75, 112501.	8.1	36
62	Superconductivity in nickel-based 112 systems. Innovation(China), 2022, 3, 100202.	5.2	36
63	No observation of chiral flux current in the topological kagome metal CsV_3Sb_5 . Physical Review B, 2022, 105, .	1.1	36
64	Metastable superconducting state in quenched $\text{K}_x\text{Fe}_{2-y}\text{Se}_2$. Philosophical Magazine, 2012, 92, 2553-2562.	0.7	34
65	Observation of anomalous amplitude modes in the kagome metal CsV_3Sb_5 . Nature Communications, 2022, 13, .	5.8	34
66	Coherent optical phonon oscillation and possible electronic softening in WTe_2 crystals. Scientific Reports, 2016, 6, 30487.	1.6	33
67	Nodal superconducting gap in tetragonal FeS. Physical Review B, 2016, 93, .	1.1	33
68	Strong and nonmonotonic temperature dependence of Hall coefficient in superconducting $\text{K}_x\text{Fe}_{2-y}\text{Se}_2$ crystals. Physical Review B, 2014, 89, .	1.1	33
69	Lower critical field and SNS-Andreev spectroscopy of 122-arsenides: Evidence of nodeless superconducting gap. Physical Review B, 2014, 90, .	1.1	31
70	Plastic pinning replaces collective pinning as the second magnetization peak disappears in the pnictide superconductor $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. Physical Review B, 2017, 95, .	1.1	31
71	Physical Properties Revealed by Transport Measurements for Superconducting $\text{Nd}_{0.8}\text{Sr}_{0.2}\text{NiO}_2$ Thin Films. Chinese Physics Letters, 2021, 38, 047401.	1.3	30
72	Evidence of multiple nodeless energy gaps in superconducting $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ single crystals from scanning tunneling spectroscopy. Physical Review B, 2011, 83, .	1.1	29

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73	Comparative study of vortex dynamics in CaKFe4As4 and Ba0.6K0.4Fe2As2 single crystals. Science Bulletin, 2019, 64, 81-90.	4.3	29
74	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
75	BCS-like critical fluctuations with limited overlap of Cooper pairs in FeSe. Physical Review B, 2017, 96, .	1.1	28
76	Superconductivity induced by doping platinum in $BaFe_{2-x}Pt_x$. Physical Review B, 2010, 81, .	1.1	27
77	Superconductivity in $Fe_{1-x}Se_x$ studied by pump-probe spectroscopy. Physical Review B, 2014, 89, .	1.1	26
78	Evidence for nodeless superconductivity in $NdO_{1-x}F_xBiS_2$ ($x = 0.3$ and 0.5) single crystals. Journal of Physics Condensed Matter, 2015, 27, 225701.	0.7	26
79	Anomalous properties in the normal and superconducting states of $La_{1-x}Si_x$. Physical Review B, 2012, 86, .	1.1	25
80	Unexpected weak spatial variation in the local density of states induced by individual Co impurity atoms in superconducting $Na(Fe_{1-x}Tj_x)ETQqO$. Physical Review B, 2015, 92, .	1.1	25
81	$BaFe_{2-x}Se_x$ as an iron-based Mott insulator with antiferromagnetic order. Physical Review B, 2012, 86, .	1.1	25
82	Observation of a Van Hove singularity and implication for strong-coupling induced Cooper pairing in KFe_2As_2 . Physical Review B, 2015, 92, .	1.1	25
83	Vortex images in $Ba_{1-x}K_xFe_2As_2$. Physical Review B, 2012, 86, .	1.1	24
84	Rigid vortices in MgB2. Applied Physics Letters, 2003, 83, 2626-2628.	1.5	23
85	Growth of single crystals at ambient pressure and their transport properties. Journal of Crystal Growth, 2009, 311, 358-361.	0.7	23
86	Competition between superconductivity and magnetic/nematic order as a source of anisotropic superconducting gap in underdoped $Ba_{1-x}K_xFe_2As_2$. Physical Review B, 2012, 86, .	0.784314	23
87	Highly anisotropic superconducting gaps and possible evidence of antiferromagnetic order in FeSe single crystals. Physical Review B, 2017, 96, .	1.1	22
89	No ending point on the Bragg glass phase transition line at low temperatures. Physical Review B, 2002, 65, .	1.1	20
90	of the vortex state in MgB_2 thin films. Physical Review B, 2007, 76, .	1.1	20

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91	Directly visualizing the sign change of d-wave superconducting gap in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ by phase-referenced quasiparticle interference. <i>Nature Communications</i> , 2019, 10, 1603.	5.8	20
92	Friedel Oscillations of Vortex Bound States under Extreme Quantum Limit in $\text{KCaFe}_2\text{As}_2$. <i>Physical Review Letters</i> , 2021, 126, 257002.	2.9	20
93	Quantum spin correlations through the superconducting-to-normal phase transition in electron-doped superconducting $\text{Pr}_{0.88}\text{LaCe}_{0.12}\text{CuO}_{4-\delta}$. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15259-15263.	3.3	19
94	Doping Dependence of Superconductivity and Lattice Constants in Hole Doped $\text{La}_{1-x}\text{Sr}_x\text{FeAsO}$. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 15-18.	0.7	19
95	Synthesis and physical properties of perovskite $\text{Sm}_{1-x}\text{Sr}_x\text{NiO}_3$ ($x = 0, 0.2$) and infinite-layer $\text{Sm}_{0.8}\text{Sr}_{0.2}\text{NiO}_2$ nickelates. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 265701.	0.7	19
96	Field-induced crossover of criticalities of vortex dynamics in $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ thin films. <i>Europhysics Letters</i> , 1998, 42, 319-324.	0.7	18
97	Reversible magnetization and critical fluctuations in systematically doped $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals. <i>Physical Review B</i> , 2006, 74, .	1.1	18
98	Pressure-tuned enhancement of superconductivity and change of ground state properties in $\text{LaO}_{0.5}\text{F}_{0.5}\text{BiSe}_2$ single crystals. <i>Physical Review B</i> , 2014, 90, .	1.1	18
99	Fully gapped superconductivity in In-doped topological crystalline insulator $\text{Pb}_{1-x}\text{Bi}_x$. <i>Physical Review B</i> , 2015, 92, .	1.1	18
100	Contrasting physical properties of the trilayer nickelates $\text{Nd}_4\text{Ni}_3\text{O}_{10}$ and $\text{Nd}_4\text{Ni}_3\text{O}_8$. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	2.0	18
101	Growth and characterization of single crystals. <i>Journal of Crystal Growth</i> , 2007, 305, 222-227.	0.7	17
102	Parent phase and superconductors in the fluorine derivative family. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 381-384.	0.6	17
103	Anomalous Meissner effect in pnictide superconductors. <i>Physical Review B</i> , 2010, 82, .	1.1	17
104	Static magnetic order of Sr_4A_2 . <i>Physical Review B</i> , 2017, 95, 014409.	1.1	17
105	Propeller-Like Low Temperature Fermi Surface of $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ from Magnetotransport and Photoemission Measurements. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 023710.	0.7	17
106	Unprecedented high irreversibility line in the nontoxic cuprate superconductor $(\text{Cu,C})\text{Ba}_2\text{Ca}_3\text{Cu}_4\text{O}_{11+\delta}$. <i>Science Advances</i> , 2018, 4, eaau0192.	4.7	17
107	Microscopic origin of Cooper pairing in the iron-based superconductor $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. <i>Npj Quantum Materials</i> , 2018, 3, .	1.8	17
108	Robust superconductivity and transport properties in $(\text{Li}_{1-x}\text{Fe}_x)\text{OHFeSe}$ single crystals. <i>Science China: Physics, Mechanics and Astronomy</i> , 2016, 59, 1.	2.0	16

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109	Growth and post-annealing studies of $\text{Bi}_{2-x}\text{Sr}_{2x}\text{La}_{1-x}\text{CuO}_{6+\delta}$ ($0 \leq x \leq 1.00$) single crystals. Superconductor Science and Technology, 2008, 21, 125024.	1.8	15
110	Interplay between superconductivity and itinerant magnetism in underdoped $\text{Ba}_{1-x}\text{KxFe}_2\text{As}_2$ ($x \approx 0.2$) probed by the response to controlled point-like disorder. Npj Quantum Materials, 2019, 4, .	1.8	15
111	Terahertz pulse-driven collective mode in the nematic superconducting state of $\text{Ba}_{1-x}\text{KxFe}_2\text{As}_2$. Npj Quantum Materials, 2022, 7, .	1.8	15
112	Strong-coupling superconductivity revealed by scanning tunneling microscope in tetragonal FeS. Physical Review B, 2016, 94, .	1.1	14
113	Flux dynamics and vortex phase diagram determined on a ring-shaped $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ thin film. Physica C: Superconductivity and Its Applications, 1999, 312, 274-282.	0.6	13
114	Doping effect of Cu and Ni impurities on the Fe-based superconductor $\text{Ba}_{0.6-x}\text{K}_{0.4-x}\text{Fe}_2\text{As}_2$. Europhysics Letters, 2013, 104, 37007.	0.7	13
115	Magnetism and superconductivity in $\text{Sr}_2\text{VFeAsO}_3$ revealed by ^{75}As - and ^{51}V -NMR under elevated pressures. Physical Review B, 2014, 89, .	1.1	13
116	Magnetization relaxation, critical current density, and vortex dynamics in a $\text{Ba}_{0.66-x}\text{K}_{0.32-x}\text{BiO}$ crystal. Physical Review B, 2015, 91, .		
117	Chemical doping effect in the LaRu_3Si_2 superconductor with a kagome lattice. Physical Review B, 2016, 94, .	1.1	13
118	Upper critical field and quantum oscillations in tetragonal superconducting FeS. Physical Review B, 2016, 94, .	1.1	13
119	Sign-reversal superconducting gaps revealed by phase-referenced quasiparticle interference of impurity-induced bound states in $(\text{Li}_{1-x}\text{Fex})\text{OHFe}_1\text{ZnySe}$. Physical Review B, 2018, 98, .	1.1	13
120	Direct visualization of sign-reversal gaps in $\text{FeTe}_{0.55}$ superconductor. Physical Review B, 2019, 99, .	1.1	13
121	KCaFe_2 superconductor. Physical Review B, 2019, 99, .	1.1	13
122	On the magnetization relaxation of ring-shaped $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ thin films as determined by superconducting quantum interference device measurements. Physica C: Superconductivity and Its Applications, 1998, 305, 185-201.	0.6	12
123	Annealing effect on the electron-doped superconductor $\text{Pr}_{0.88-x}\text{Ce}_x\text{FeAs}$. Physical Review B, 2009, 80, .	1.1	12
124	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
125	Crossover from Kondo to Fermi-liquid behavior induced by high magnetic field in VTe_2 single crystals. Physical Review B, 2021, 103, .		
126	Simultaneous vanishing of nematic electronic state and structural orthorhombicity in $\text{NaFe}_1-x\text{Co}_x\text{As}$ single crystals. Physical Review B, 2015, 91, .		

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127	Structure and physical properties of $\text{O}_{1-x}\text{V}_x\text{Bi}_2\text{Se}_3$ and $\text{O}_{1-x}\text{V}_x\text{Bi}_2\text{Te}_3$. Physical Review B, 2018, 98, .	1.1	11
128	Twofold symmetry of proximity-induced superconductivity in $\text{Bi}_2\text{Te}_3/\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8+\hat{\Gamma}$ heterostructures revealed by scanning tunneling microscopy. Physical Review B, 2020, 101, .	1.1	11
129	Van Hove singularity arising from Mexican-hat-shaped inverted bands in the topological insulator Sn-doped Sb_2Te_3 . Physical Review B, 2020, 101, .	1.1	11
130	Absence of Superconductivity in LiCu_2P_2 . Journal of the American Chemical Society, 2011, 133, 1751-1753. Specific heat of optimally doped $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Tj ETQq1 1 0.784314 rgBT /O	6.6	10
131		1.1	9
132	The effect of impurity and the suppression of superconductivity in $\text{Na}(\text{Fe}_{0.97}\text{Co}_{0.03}\text{T}_x)\text{As}$ (T = Cu, Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	9
133	Collective vortex pinning and merging of the irreversibility line and second peak effect in optimally doped $\text{Ba}_{1-x}\text{Bi}_x\text{Fe}_2\text{As}_2$ single crystals. Physica C: Superconductivity and its Applications, 2019, 545, 43-49.	0.6	9
134	Superconductivity at 15.6 K in calcium-doped $\text{Tb}_{1-x}\text{Ca}_x\text{FeAsO}$: The structure requirement for achieving superconductivity in the hole-doped 1111 phase. Europhysics Letters, 2010, 89, 27002.	0.7	8
135	Determination of the superconducting gap in near optimally doped $\text{Bi}_2\text{Sr}_{2-x}\text{La}_x\text{CuO}_6+\hat{\Gamma}$ ($x=0.4$) from low-temperature specific heat. Physical Review B, 2011, 83, .	1.1	8
136	Pressure Induced Enhancement of Superconductivity in LaRu_2P_2 . Scientific Reports, 2016, 6, 24479.	1.6	8
137	Pressure-enhanced superconductivity in quasi-1D cobalt carbide ScCo_3Co_4 . Europhysics Letters, 2016, 115, 27007.	0.7	8
138	Synergy and competition between superconductivity and antiferromagnetism in FeSe under pressure. Physical Review B, 2019, 99, .	1.1	8
139	Charge-stripe fluctuations in NdO_8 as evidenced by optical spectroscopy. Physical Review B, 2021, 103, .	1.1	8
140	Superconductivity at 44.4 K achieved by intercalating EMIM ⁺ into FeSe^* . Chinese Physics B, 2021, 30, 107402.	0.7	8
141	Critical Current Oscillations in the Intrinsic Hybrid Vortex State of $\text{SmFeAs}(\text{O},\text{F})$. Physical Review Letters, 2014, 113, 186402.	2.9	7
142	Superconductivity in $\text{Ba}_2/3\text{Pt}_3\text{B}_2$ with the Kagome lattice. Annals of Physics, 2015, 358, 248-254.	1.0	7
143	Superconductivity in LiOHFeS single crystals with a shrunk c-axis lattice constant. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	7
144	Characterization of the $(\text{Cu},\text{C})\text{Ba}_2\text{Ca}_3\text{Cu}_4\text{O}_{11+\hat{\Gamma}}$ single crystals grown under high pressure. Superconductor Science and Technology, 2022, 35, 025004.	1.8	7

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145	Thermally assisted flux-flow approach to the irreversibility line. <i>Physical Review B</i> , 1994, 50, 13853-13856.	1.1	6
146	Peak effect due to Josephson vortices in superconducting $\text{Pr}_{0.88}\text{La}_{0.12}\text{CuO}_4$ single crystals. <i>Physical Review B</i> , 2007, 75, .	1.1	6
147	Electron-boson coupling and two superconducting gaps in optimally electron-doped $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{As}_2$ single crystals. <i>Physical Review B</i> , 2012, 86, .	1.1	6
148	Distinct behaviors of suppression to superconductivity in $\text{LaRu}_{2-x}\text{Si}_x$. <i>Physical Review B</i> , 2012, .	1.1	6
149	Possible superconducting fluctuation and pseudogap state above T_c in $\text{CsFe}_{1-x}\text{Ni}_x\text{As}_2$. <i>Physical Review B</i> , 2016, 93, .		
150	Robust Zero Energy Modes on Superconducting Bismuth Islands Deposited on $\text{Fe}(\text{Te},\text{Se})$. <i>Nano Letters</i> , 2020, 20, 2965-2972.	4.5	6
151	Generalized phenomenological model for the magnetic field penetration and magnetization hysteresis loops of a type-II superconductor. <i>Physical Review B</i> , 2022, 105, .	1.1	6
152	Direct visualization of a static incommensurate antiferromagnetic order in $\text{Fe-doped Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8+\delta}$. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	6
153	Elastic anomalies in $\text{BaFe}_{2-x}\text{Ni}_x\text{As}_2$ crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2012, 483, 207-212.	0.6	5
154	Anisotropic electronic mobilities in the nematic state of the parent phase NaFeAs . <i>Physical Review B</i> , 2015, 92, .	1.1	5
155	Suppression of a possible spin-density wave transition in $\text{Cr}_{2-x}\text{Ga}_x\text{N}$ by Ge doping. <i>Philosophical Magazine</i> , 2015, 95, 2831-2837.	0.7	5
156	Transient electronic anisotropy in overdoped $\text{NaF}_{1-x}\text{C}_x$. <i>Physical Review B</i> , 2018, 97, 040507.	1.1	5
157	Multiband superconductivity and possible nodal gap in $\text{RbCr}_{1-x}\text{As}_x$. <i>Physical Review B</i> , 2019, 100, 040507.	1.1	5
158	Synthesis, structure, and physical properties of bilayer molybdate $\text{Sr}_3\text{Mo}_2\text{O}_7$ with flat-band. <i>Philosophical Magazine</i> , 2020, 100, 2402-2415.	0.7	5
159	Andreev reflection in point-contact tunneling spectroscopy on $\text{Bi}_2\text{Sr}_{1.94}\text{La}_{0.06}\text{CuO}_6$ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 338, 213-220.	0.6	4
160	Magnetic phase diagram of the layered superconductor $\text{Bi}_{2-x}\text{Sr}_x\text{CuO}_6$ ($\text{Bi}2201$) with $T_c \approx 7$ K. <i>Superconductor Science and Technology</i> , 2012, 25, 105004.	1.8	4
161	Absence of superconductivity in LiPdH_{1-x} . <i>Philosophical Magazine</i> , 2018, 98, 623-631.	0.7	4
162	Vortex lattice and vortex bound states in $\text{CsFe}_{1-x}\text{Ni}_x\text{As}_2$ investigated by scanning tunneling microscopy/spectroscopy. <i>Physical Review B</i> , 2018, 98, .		

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163	Anomalous phonon softening in the topological insulator Sn-doped Bi _{1.1} Sb _{0.9} Te ₂ S. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	4
164	Localization of charge carriers in the normal state of underdoped Bi _{2-x} Sr _{2x} CuO _{6+δ} . Physical Review B, 2014, 89, .	1.1	3
165	Doping Induced Gap Anisotropy in Iron-Based Superconductors: a Point-Contact Andreev Reflection Study of BaFe _{2-x} Ni _x As ₂ Single Crystals. Chinese Physics Letters, 2015, 32, 077401.	1.3	3
166	Pressure induced superconductivity in the compound ScZrCo. New Journal of Physics, 2018, 20, 073036.	1.2	3
167	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
168	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
169	Preparation and superconducting properties of the (Cu,C)Ba ₂ Ca ₃ Cu ₄ O _{11+y} films with zero-resistance transition temperature of 96 K. Superconductor Science and Technology, 2020, 33, 025009.	1.8	3
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