

# Guang-Han Cao

## List of Publications by Year in descending order

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349  
papers

9,472  
citations

44066

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354  
docs citations

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times ranked

4460  
citing authors



#	ARTICLE	IF	CITATIONS
19	Superconductivity in $KCa_2Fe_4As_4F_2$ with Separate Double $Fe_2As_2$ Layers. Journal of the American Chemical Society, 2016, 138, 7856-7859.	13.7	99
20	Decrease of dielectric loss in giant dielectric constant $CaCu_3Ti_4O_{12}$ ceramics by adding $CaTiO_3$ . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 130, 146-150.	3.5	98
21	Evidence for nodal superconductivity in quasi-one-dimensional $K_2Cr_3O_{10}$ . Physical Review B, 2015, 91, .	3.2	97
22	Superconductivity in $LaFeAs_{1-x}P_xO$ : Effect of chemical pressures and bond covalency. Europhysics Letters, 2009, 86, 47002.	2.0	96
23	Superconductivity and local-moment magnetism in $Eu_2O_3$ . Physical Review B, 2009, 80, .	3.2	95
24	Superconductivity and ferromagnetism in hole-doped $RbEuFe_4As_8$ . Physical Review B, 2016, 93, .	3.2	95
25	Effects of magnetic ordering on dynamical conductivity: Optical investigations of $EuFe_2As_2$ crystals. Physical Review B, 2009, 79, .	3.2	86
26	NMR Investigation of the Quasi-One-Dimensional Superconductor $K_2Cr_2O_7$ . Physical Review Letters, 2015, 114, 147004.	7.8	86
27	A new Majorana platform in an Fe-As bilayer superconductor. Nature Communications, 2020, 11, 5688.	12.8	84
28	Anomalous Eu Valence State and Superconductivity in Undoped $Eu_3Bi_2S_4F_4$ . Journal of the American Chemical Society, 2014, 136, 15386-15393.	13.7	82
29	Narrow superconducting window in $LaFe_{1-x}Ni_xAsO$ . Physical Review B, 2009, 79, .	3.2	80
30	Optical properties of the iron arsenic superconductor $BaFe_2As_2$ . Physical Review B, 2010, 82, .	3.2	77
31	Infrared phonon anomaly in $BaFe_2As_2$ . Physical Review B, 2009, 80, .	3.2	74
32	Electronic structure of quasi-one-dimensional superconductor $K_2Cr_3As_3$ from first-principles calculations. Scientific Reports, 2015, 5, 16054.	3.3	72
33	$Ba_2Ti_2Fe_2As_4O$ : A New Superconductor Containing $Fe_2As_2$ Layers and $Ti_2O$ Sheets. Journal of the American Chemical Society, 2012, 134, 12893-12896.	13.7	71
34	Spin gap and magnetic resonance in superconducting $BaFe_2As_2$ . Physical Review B, 2009, 79, .	3.2	63
35	A New ZrCuSiAs-Type Superconductor: $ThFeAsN$ . Journal of the American Chemical Society, 2016, 138, 2170-2173.	13.7	63
36	Superconductivity above 50 K in $Tb_2O_7$ . Physical Review B, 2008, 78, .	3.2	62

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37	Synthesis and magnetoresistance measurement of tellurium microtubes. Journal of Materials Chemistry, 2004, 14, 244.	6.7	60
38	Coexistence of ferromagnetism and superconductivity: magnetization and Mössbauer studies of $\text{EuFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . Journal of Physics Condensed Matter, 2011, 23, 065701.	1.8	60
39	Phase diagram of $\text{CeFeAs}_{1-x}\text{P}_x$ from electrical resistivity, magnetization, and specific heat measurements. Physical Review B, 2010, 81, .	1.9	59
40	$\text{LaCo}_2\text{Co}_2\text{Se}_2\text{O}_3$ : A Quasi-Two-Dimensional Mott Insulator with Unusual Cobalt Spin State and Possible Orbital Ordering. Journal of the American Chemical Society, 2010, 132, 7069-7073.	13.7	57
41	Anisotropic superconductivity in $\text{Eu}(\text{Fe}_{0.75}\text{Ru}_{0.25})_2\text{As}_2$ ferromagnetic superconductor. Europhysics Letters, 2011, 95, 67007.	2.0	56
42	Ferromagnetic Spin Fluctuation and Unconventional Superconductivity in $\text{RbFe}_2\text{P}_2\text{O}_{14}$ by $\text{Rb}$ . Physical Review Letters, 2015, 115, 147002.	7.8	55
43	Domain Meissner state and spontaneous vortex-antivortex generation in the ferromagnetic superconductor $\text{EuFe}_2(\text{As}_{0.79}\text{P}_{0.21})_2$ . Science Advances, 2018, 4, eaat1061.	10.3	54
44	A new ferromagnetic superconductor: $\text{CsEuFe}_4\text{As}_4$ . Science Bulletin, 2016, 61, 1213-1220.	9.0	53
45	Superconductivity in a Layered $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$ with $\text{PdTe}_2$ Chains. Journal of the American Chemical Society, 2014, 136, 1284-1287.	13.7	52
46	Crystal structure and superconductivity at about 30 K in $\text{ACa}_2\text{Fe}_4\text{As}_4\text{F}_2$ (A = Rb, Cs). Science China Materials, 2017, 60, 83-89.	6.3	52
47	Superconductivity and ferromagnetism in $\text{EuFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . Journal of Physics Condensed Matter, 2011, 23, 464204.	1.8	50
48	Magnetic ordering and dense Kondo behavior in $\text{EuFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . Physical Review B, 2010, 82, .	3.2	49
49	Wave transition and emergence of ferromagnetic ordering of $\text{EuFe}_2(\text{As}_{1-x}\text{P}_x)_2$ . Physical Review B, 2009, 79, .	3.2	48
50	Electron-phonon coupling and the charge gap of spin-density wave iron-pnictide materials from quasiparticle relaxation dynamics. Physical Review B, 2010, 82, .	3.2	48
51	Cluster spin-glass ground state in quasi-one-dimensional $\text{KCr}_2\text{As}_2$ . Physical Review B, 2015, 91, .	3.2	48
52	Grain-boundary and subgrain-boundary effects on the dielectric properties of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ ceramics. Journal Physics D: Applied Physics, 2007, 40, 2899-2905.	2.8	46
53	Self-doping effect and successive magnetic transitions in superconducting $\text{Sr}_{1-x}\text{Ca}_x\text{Fe}_2\text{P}_2\text{O}_{14}$ . Physical Review B, 2010, 82, .	3.2	46
54	Effect of a Zn impurity on $T_c$ and its implications for pairing symmetry in $\text{LaFeAsO}_{1-x}\text{F}_x$ . New Journal of Physics, 2010, 12, 083008.	2.9	46

#	ARTICLE	IF	CITATIONS
55	Possibility of vortex lattice structural phase transition in the superconducting pnictide $\text{Ba}(\text{Fe}_{0.925}\text{Co}_{0.075})_2\text{As}_2$ . <i>Physical Review B</i> , 2010, 81, .	3.2	45
56	Sr and Mn co-doped $\text{LaCuSO}$ : A wide band gap oxide diluted magnetic semiconductor with $T_C$ around $200\text{K}$ . <i>Applied Physics Letters</i> , 2013, 103, .	3.3	45
57	Observation of giant dielectric constant in $\text{CdCu}_3\text{Ti}_4\text{O}_{12}$ ceramics. <i>Solid State Communications</i> , 2006, 138, 91-94.	1.9	44
58	Crystal chemistry and structural design of iron-based superconductors. <i>Chinese Physics B</i> , 2013, 22, 087410.	1.4	43
59	Design and Synthesis of a New Layered Thermoelectric Material $\text{LaPbBiS}_3\text{O}$ . <i>Inorganic Chemistry</i> , 2014, 53, 11125-11129.	4.0	43
60	$\text{LiRhO}_3$ : A spin-glassy relativistic Mott insulator. <i>Physical Review B</i> , 2013, 87, .	3.2	42
61	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickel oxypnictide. <i>Nature Materials</i> , 2014, 13, 777-781.	27.5	41
62	Metal-Insulator Transition and Superconductivity in Spinel-Type System $\text{Cu}_{1-x}\text{Zn}_x\text{Fe}_2\text{S}_4$ . <i>Journal of the Physical Society of Japan</i> , 1999, 68, 2495-2497.	1.6	40
63	Suppression of metal-to-insulator transition and appearance of superconductivity in $\text{Cu}_{1-x}\text{Zn}_x\text{Fe}_2\text{S}_4$ . <i>Physical Review B</i> , 2001, 64, .	3.2	39
64	K and Mn co-doped $\text{BaCd}_2\text{As}_2$ : A hexagonal structured bulk diluted magnetic semiconductor with large magnetoresistance. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	39
65	Synthesis, Crystal Structure and Superconductivity in $\text{RbLn}_2\text{Fe}_4\text{As}_4\text{O}_2$ ( $\text{Ln} = \text{Sm, Tb, Dy, and Ho}$ ). <i>Chemistry Magazine</i> , 2017, 89, 118-122.	6.7	39
66	Magnetic structure of $\text{EuFe}_2\text{P}_2$ . <i>Physical Review B</i> , 2013, 87, .	3.2	38
67	Metal-nonmetal transition in $\text{BaTi}_2\text{FeAs}_2$ studied by neutron diffraction. <i>Physical Review B</i> , 2013, 87, .		

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73	Crystal structure of superconducting $\text{Eu}(\text{Fe}_{1-x}\text{Co}_x)_2\text{P}_2$ . <i>Physical Review Letters</i> , 2019, 123, 177701.	3.2	35
74	Superconductivity in hexagonal Nb-Mo-Ru-Rh-Pd high-entropy alloys. <i>Scripta Materialia</i> , 2020, 182, 109-113.	5.2	35
75	Nernst effect of a new iron-based superconductor $\text{LaO}_{1-x}\text{F}_{2x}\text{FeAs}$ . <i>New Journal of Physics</i> , 2008, 10, 063021.	2.9	34
76	Effects of Ru substitution on electron correlations and Fermi-surface dimensionality in $\text{Ba}(\text{Fe}_{1-x}\text{Ru}_x)_2\text{P}_2$ . <i>Physical Review B</i> , 2019, 100, 080501.	3.2	34
77	Evidence for two distinct superconducting phases in $\text{EuBiS}_2$ under pressure. <i>Physical Review B</i> , 2015, 92, 080501.	3.2	34
78	Superconductivity at $33 \pm 3$ K in $\text{A}_x\text{L}_{2-x}\text{O}_2$ . <i>Physical Review B</i> , 2015, 92, 080501.		

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91	Insulator-to-metal transition and large thermoelectric effect in La <sub>1-x</sub> Sr <sub>x</sub> MnAsO. Europhysics Letters, 2012, 98, 17009.	2.0	27
92	Evidence for two energy gaps and Fermi liquid behavior in the SrPt <sub>2</sub> As <sub>2</sub> superconductor. Physical Review B, 2013, 87, .	3.2	27
93	Relationship between Superconductivity and Antiferromagnetism in LaFe(As <sub>1-x</sub> P <sub>x</sub> )O Revealed by 31P-NMR. Journal of the Physical Society of Japan, 2014, 83, 023707.	1.6	27
94	Physical properties and electronic structure of Sr <sub>2</sub> CrO <sub>2</sub> containing $\sqrt{2} \times \sqrt{2}$ superconductivity. Physical Review B, 2015, 92, .	3.2	27
95	RbEu <sub>2</sub> Mo <sub>2</sub> O <sub>8</sub> : From a ferromagnetic superconductor to a superconducting ferromagnet. Physical Review B, 2017, 96, .	3.2	27
96	<sup>57</sup> Fe and <sup>151</sup> Eu Mössbauer spectroscopy and magnetization studies of Eu(Fe <sub>0.89</sub> Co <sub>0.11</sub> ) <sub>2</sub> As <sub>2</sub> and Eu(Fe <sub>0.9</sub> Ni <sub>0.1</sub> ) <sub>2</sub> As <sub>2</sub> . New Journal of Physics, 2011, 13, 023033.	2.9	26
97	Multigap superconductivity in ThAsFeN investigated using $\frac{1}{4}$ SR measurements. Physical Review B, 2017, 96, .	3.2	26
98	High-T <sub>c</sub> superconductivity in undoped ThFeAsN. Nature Communications, 2017, 8, 156.	12.8	26
99	Unique [Mn <sub>6</sub> Bi <sub>5</sub> ] <sup>+</sup> Nanowires in KMn <sub>6</sub> Bi <sub>5</sub> : A Quasi-One-Dimensional Antiferromagnetic Metal. Journal of the American Chemical Society, 2018, 140, 4391-4400.	13.7	26
100	Superconductivity induced by Ni doping in SmFe <sub>1-x</sub> Ni <sub>x</sub> AsO. Journal of Physics Condensed Matter, 2009, 21, 355702.	1.8	25
101	Eliashberg analysis of optical spectra reveals a strong coupling of charge carriers to spin fluctuations in doped iron-pnictide BaFe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2010, 82, .	3.2	25
102	Electronic phase diagram in a new BiS <sub>2</sub> -based Sr <sub>1-x</sub> La <sub>x</sub> FBiS <sub>2</sub> system. Superconductor Science and Technology, 2014, 27, 035009.	3.5	25
103	Scanning tunneling microscopy study of superconductivity, magnetic vortices, and possible charge-density wave in Ta <sub>4</sub> As <sub>4</sub> . Physical Review B, 2015, 91, .	3.2	25
104	Unique interplay between superconducting and ferromagnetic orders in EuRbFe <sub>4</sub> As <sub>4</sub> . Physical Review B, 2018, 98, .	3.2	25
105	Ti-rich and Cu-poor grain-boundary layers of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> detected by x-ray photoelectron spectroscopy. Applied Physics Letters, 2007, 91, 052910.	3.3	24
106	Peculiar properties of -chain-based superconductors. Philosophical Magazine, 2017, 97, 591-611.	1.6	24
107	Superconductivity at 35 K by self doping in RbGd <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> O <sub>2</sub> . Journal of Physics Condensed Matter, 2017, 29, 11LT01.	1.8	24
108	Anomalous critical fields and the absence of Meissner state in Eu(Fe <sub>0.88</sub> Ir <sub>0.12</sub> ) <sub>2</sub> As <sub>2</sub> crystals. New Journal of Physics, 2013, 15, 113002.	2.9	23

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109	Coexistence of ferromagnetism and superconductivity in iron based pnictides: a time resolved magneto-optical study. Scientific Reports, 2015, 5, 7754.	3.3	23
110	Mössbauer spectroscopy measurements on the 35.5 K superconductor $Rb_{1-x}Bi_xFe_2As_2$ . Physical Review B, 2018, 97, .	3.2	21
111	Structural evolution and superconductivity tuned by valence electron concentration in the Nb-Mo-Re-Ru-Rh high-entropy alloys. Journal of Materials Science and Technology, 2021, 85, 11-17.	10.7	23
112	Giant positive magnetoresistance in non-magnetic bismuth nanoparticles. Materials Research Bulletin, 2003, 38, 1645-1651.	5.2	22
113	Nodes in the order parameter of superconducting iron pnictides investigated by infrared spectroscopy. Physical Review B, 2010, 82, .	3.2	22
114	Nodal superconductivity and superconducting dome in the layered superconductor $Ta_{1-x}Nb_xFe_2As_2$ . Physical Review B, 2015, 92, .	3.2	21
115	Structural properties and superconductivity in the $Y_{1-x}Pr_xBaSrCu_3O_{7-\delta}$ system. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 196, 263-266.	2.1	21
116	Growth of highly-oriented CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> thin films on SrTiO <sub>3</sub> (1 0 0) substrates by a chemical solution route. Applied Surface Science, 2006, 253, 2268-2271.	6.1	21
117	Zn-impurity effect and interplay of $s_{\pm}$ and $d_{x^2-y^2}$ bands in the iron pnictide superconductor $Fe_{1-x}Ni_xAs$ . Physical Review B, 2012, 86, .	3.2	21
118	Correlation-Induced Self-Doping in the Iron-Pnictide Superconductor $Ti_{1-x}Fe_xO$ . Physical Review Letters, 2014, 113, 266407.	7.8	21
119	Superconductivity enhanced by Se doping in Eu <sub>3</sub> Bi <sub>2</sub> (S,Se) <sub>4</sub> F <sub>2</sub> . Europhysics Letters, 2015, 111, 27002.	2.0	21
120	NMR investigation of the normal metallic state of quasi-one-dimensional $Cs_{13}As_{75}$ . Physical Review B, 2017, 95, .	3.2	21
121	Evidence of spontaneous vortex ground state in an iron-based ferromagnetic superconductor. Npj Quantum Materials, 2017, 2, .	5.2	21
122	Visualization of the magnetic flux structure in phosphorus-doped EuFe <sub>2</sub> As <sub>2</sub> single crystals. JETP Letters, 2017, 105, 98-102.	1.4	21
123	Structural properties and superconductivity in the $Y_{1-x}Pr_xBaSrCu_3O_{7-\delta}$ system. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 196, 263-266.	2.1	20
124	Hole distribution and T <sub>c</sub> suppression in $Y_{1-x}Pr_xBa_2Cu_3O_7$ . Physical Review B, 1999, 59, 3845-3850.	3.2	20
125	Preparation of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> thin films by chemical solution deposition. Journal of Materials Science, 2004, 39, 3523-3524.	3.7	20
126	Magnetism and crystalline electric field effect in $ThCr_2Si_2$ -type CeNi <sub>2</sub> Si <sub>2</sub> . Physical Review B, 2017, 95, .	3.2	20



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127	Effect of impurity scattering on superconductivity in K <sub>2</sub> Cr <sub>3</sub> As <sub>3</sub> . Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	20
128	Band-selective clean-limit and dirty-limit superconductivity with nodeless gaps in the bilayer iron-based superconductor CsCa <sub>2</sub> F <sub>2</sub> . Physical Review B, 2019, 99, .	3.2	19
129	Microwave analysis of the interplay between magnetism and superconductivity in EuFe <sub>2</sub> . Physical Review Research, 2019, 1, .	3.6	20
130	The suppression of superconductivity in the Gd <sub>1-x</sub> Pr <sub>x</sub> Ba <sub>2-y</sub> Sr <sub>y</sub> Cu <sub>3</sub> O <sub>7-δ</sub> system. Physica C: Superconductivity and Its Applications, 1995, 248, 92-96.	1.2	19
131	Correlation between superconductivity and bond angle of CrAs chain in non-centrosymmetric compounds A <sub>2</sub> Cr <sub>3</sub> As <sub>3</sub> (A = K, Rb). Scientific Reports, 2016, 6, 37878.	3.3	19
132	Penetration depth measurements of K <sub>2</sub> Cr <sub>3</sub> As <sub>3</sub> and Rb <sub>2</sub> Cr <sub>3</sub> As <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 2016, 400, 84-87.	2.3	19
133	Absence of the stripe antiferromagnetic order in the new 30 Å superconductor ThFeAsN. Journal of Alloys and Compounds, 2017, 695, 1128-1136.	5.5	19
134	Multigap nodeless superconductivity in CsCa <sub>2</sub> F <sub>2</sub> probed by heat transport. Physical Review B, 2019, 99, .	3.2	19
135	Impedance spectroscopy study on transport properties of N,N'-diphenyl-N,N'-bis(1-naphthyl)-1,4-biphenyl-4-diamine. Physica B: Condensed Matter, 2005, 362, 35-40.	2.7	18
136	Enhanced thermopower in an intergrowth cobalt oxide Li <sub>0.48</sub> Na <sub>0.35</sub> CoO <sub>2</sub> . Journal of Physics Condensed Matter, 2006, 18, L379-L384.	1.8	18
137	Formation and Superconductivity of Single-Phase High-Entropy Alloys with a Tetragonal Structure. ACS Applied Electronic Materials, 2020, 2, 1130-1137.	4.3	18
138	Charge Segregation in the Metal-Insulator Transition of the Thiospinel Cu <sub>1-x</sub> Zn <sub>x</sub> Ir <sub>2</sub> S <sub>4</sub> . Journal of the Physical Society of Japan, 2001, 70, 9-12.	1.6	17
139	Interplay of superconductivity and Ce magnetism in CeFeAs. Physical Review B, 2019, 99, .	3.2	17
140	Quasi-linear magnetoresistance and the violation of Kohler's rule in the quasi-one-dimensional Ta <sub>4</sub> Pd <sub>3</sub> Te <sub>16</sub> superconductor. Journal of Physics Condensed Matter, 2015, 27, 335701.	1.8	17
141	Nontrivial H-doping effect in the Cr-based superconductor KCr <sub>3</sub> As. Physical Review B, 2019, 99, .	3.2	17
142	Possible Dirac quantum spin liquid in the kagome quantum antiferromagnet		

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145	Synthesis of Cobalt Oxyhydrate Superconductor through a Disproportionation Reaction Route. Chemistry of Materials, 2005, 17, 1501-1504.	6.7	15
146	Transport, magnetic, and <sup>57</sup> Fe and <sup>155</sup> Gd Mössbauer spectroscopic properties of GdFeAsO and the slightly overdoped superconductor Gd <sub>0.84</sub> Th <sub>0.16</sub> FeAsO. Journal of Physics Condensed Matter, 2010, 22, 145701.	1.8	15
147	CeNiAsO: an antiferromagnetic dense Kondo lattice. Journal of Physics Condensed Matter, 2011, 23, 175701.	1.8	15
148	Spectrally resolved femtosecond reflectivity relaxation dynamics in undoped spin-density wave 122-structure iron-based pnictides. Physical Review B, 2014, 89, .	3.2	15
149	Charge fluctuations and nodeless superconductivity in quasi-one-dimensional Ta <sub>4</sub> Pd <sub>3</sub> Te <sub>16</sub> revealed by neutron powder diffraction study on the iron-based nitride superconductor ThFeAsN. Europhysics Letters, 2017, 117, 57005.	3.2	15
150	Neutron powder diffraction study on the iron-based nitride superconductor ThFeAsN. Europhysics Letters, 2017, 117, 57005.	2.0	15
151	Enhanced superconductivity in ThNiAsN. Europhysics Letters, 2017, 118, 57004.	2.0	15
152	Multigap Superconductivity in RbCa <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> F <sub>2</sub> Investigated Using <sup>135</sup> Sr Measurements. Journal of the Physical Society of Japan, 2018, 87, 124705.	1.6	15
153	Pressure-induced enhancement of superconductivity and quantum criticality in the 12442-type hybrid-structure superconductor KCa <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> F <sub>2</sub> . Physical Review B, 2019, 99, .	3.2	15
154	Topological Dirac states in a layered telluride TaPdTe <sub>5</sub> with quasi-one-dimensional chains. Physical Review B, 2020, 102, .	3.2	15
155	Superconductivity in Ta <sub>3</sub> Pd <sub>3</sub> Te <sub>14</sub> with quasi-one-dimensional PdTe <sub>2</sub> chains. Scientific Reports, 2016, 6, 21628.	3.3	15
156	Revival of superconductivity in Y <sub>0.4</sub> Pr <sub>0.6</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> by the isovalent substitution of Sr. Journal of Physics Condensed Matter, 1995, 7, L287-L292.	1.8	14
157	Structural and superconducting properties of LaFeAs <sub>1-x</sub> Sb <sub>x</sub> O <sub>1-y</sub> F <sub>y</sub> . Science China: Physics, Mechanics and Astronomy, 2010, 53, 1225-1229.	5.1	14
158	Anisotropic paramagnetism of monoclinic Nd <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> single crystals. Journal of Physics Condensed Matter, 2011, 23, 216005.	1.8	14
159	Electronic nematicity revealed by torque magnetometry in Eu <sub>2</sub> Fe <sub>14</sub> Physical Review B, 2014, 89, .	3.2	14
160	Magnetic properties of EuCuAs single crystal. Journal of Alloys and Compounds, 2014, 602, 26-31.	5.5	14
161	Coexistence of superconductivity and ferromagnetism in iron pnictides. Journal of Physics: Conference Series, 2012, 391, 012123.	0.4	13
162	Magnetism and superconductivity in Eu(Fe <sub>1-x</sub> Ni <sub>x</sub> )As <sub>2</sub> (x = 0, 0.04). Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	13

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163	BaTh <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> (NO <sub>3</sub> ) <sub>2</sub> : An iron-based superconductor stabilized by inter-block-layer charge transfer. <i>Science China Materials</i> , 2019, 62, 1357-1362.	6.3	13
164	Superconductivity and paramagnetism in Cr-containing tetragonal high-entropy alloys. <i>Journal of Alloys and Compounds</i> , 2021, 869, 159293.	5.5	13
165	Effects of proton irradiation on the magnetic superconductor EuFe <sub>2</sub> (As) <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , 2018, 30, 255602.	3.5	13
166	Coexistence of superconductivity and complex 4f magnetism in Eu <sub>0.5</sub> Ce <sub>0.5</sub> BiS <sub>2</sub> F. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 385701.	1.8	12
167	Peculiar phase diagram with isolated superconducting regions in ThFeAsN <sub>1-x</sub> O <sub>x</sub> . <i>Journal of Physics Condensed Matter</i> , 2018, 30, 255602.	1.8	12
168	A possible family of Ni-based high temperature superconductors. <i>Science Bulletin</i> , 2018, 63, 957-963.	9.0	12
169	Type-I superconductivity in noncentrosymmetric NbGe <sub>2</sub> . <i>Physical Review B</i> , 2020, 102, .	2.2	12
170	NMR and NQR studies on transition-metal arsenide superconductors LaRu <sub>2</sub> As <sub>2</sub> , KCa <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> F <sub>2</sub> , and A <sub>2</sub> Cr <sub>3</sub> As <sub>3</sub> . <i>Chinese Physics B</i> , 2020, 29, 067402.	1.4	12
171	ThMnPnN (Pn = P, As): Synthesis, Structure, and Chemical Pressure Effects. <i>Inorganic Chemistry</i> , 2020, 59, 2937-2944.	4.0	12
172	Coexistence of magnetic fluctuations and superconductivity in SmFe <sub>0.95</sub> Co <sub>0.05</sub> AsO. <i>Physical Review B</i> , 2020, 102, .	3.2	11
173	Sr <sub>0.9</sub> K <sub>0.1</sub> Zn <sub>1.8</sub> Mn <sub>0.2</sub> As <sub>2</sub> : A ferromagnetic semiconductor with colossal magnetoresistance. <i>Europhysics Letters</i> , 2014, 107, 67007.	2.0	11
174	Superconductivity in SnSb with a natural superlattice structure. <i>Superconductor Science and Technology</i> , 2018, 31, 125011.	3.5	11
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