

# Guang-Han Cao

## List of Publications by Year in descending order

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349  
papers

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43973

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354  
all docs

354  
docs citations

354  
times ranked

4460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic transport in a possible quasi-one-dimensional topological candidate: TaNi <sub>2</sub> Te <sub>3</sub> . Tungsten, 2023, 5, 325-331.	2.0	5
2	Interstitially carbon-allyed refractory high-entropy alloys with a body-centered cubic structure. Science China Materials, 2022, 65, 494-500.	3.5	11
3	Iron-based magnetic superconductors AFe <sub>4</sub> As <sub>4</sub> (A = Rb, Cs): natural superconductor-ferromagnet hybrids. Journal of Physics Condensed Matter, 2022, 34, 093001.	0.7	4
4	Structural transformation of MoReRu medium-entropy alloy by carbon addition. Scripta Materialia, 2022, 210, 114464.	2.6	6
5	Evolution from helical to collinear ferromagnetic order of the Eu <sup>2+</sup> spins in RbEu(Fe <sub>1-x</sub> Ni <sub>x</sub> ) <sub>4</sub> As <sub>4</sub> . Physical Review Research, 2022, 4, .	1.3	3
6	Structural, Electronic, and Physical Properties of a New Layered Cr-Based Oxyarsenide Sr <sub>2</sub> Cr <sub>2</sub> AsO <sub>3</sub> . Materials, 2022, 15, 802.	1.3	1
7	Polymorphism, Structural Transition, and Superconductivity in the Equiatomic Ternary Germanide ThRhGe. Chemistry of Materials, 2022, 34, 1235-1244.	3.2	2
8	High-Frequency ac Susceptibility of Iron-Based Superconductors. Materials, 2022, 15, 1079.	1.3	4
9	Structure and transport properties of the quasi-one-dimensional telluride $Ta_{1-x}W_xTe$ . Physical Review B, 2022, 105, .		
10	Chemical pressure effects in ZrCuSiAs-type manganese-based compound ThMnSbN. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 046103.	0.2	0
11	W <sub>4</sub> IrC <sub>16</sub> : a new noncentrosymmetric superconductor with a cubic I <sub>2</sub> -Mn type structure. Journal of Materials Chemistry C, 2022, 10, 6070-6077. Enhanced Nernst effect above $T_c$ in the quasi-two-dimensional iron pnictide superconductor $CsCa_2Fe_4$	2.7	7
12	Possible Dirac quantum spin liquid in the kagome quantum antiferromagnet $Fe_4$	1.1	4
13			

#	ARTICLE	IF	CITATIONS
19	Strong enhancement of superconductivity in the topological transition metal silicide $W_5Si_3$ by Re doping. Inorganic Chemistry Frontiers, 2022, 9, 4594-4601.	3.0	2
20	Normal-state and superconducting properties of the cubic Laves phase $ThIr_2$ . Intermetallics, 2021, 128, 106993.	1.8	7
21	Superconductivity and high hardness in metal-rich carbides $MoRe_2C$ and $WRe_2C$ . Journal of Alloys and Compounds, 2021, 856, 157314.	2.8	7
22	The As-surface of an iron-based superconductor $CaKFe_4As_4$ . Nano Research, 2021, 14, 3921-3925.	5.8	6
23	Superconductivity in Cubic A15-type $VNbMoIrPt$ High-Entropy Alloys. Frontiers in Physics, 2021, 9, .	1.0	1
24	Anisotropic transport and de Haas-van Alphen oscillations in quasi-one-dimensional $TaPt$ . Physical Review B, 2021, 103, .	1.1	5
25	Microscopic phase diagram of $Eu(Fe_{1-x}Ni_x)As_2$ ( $x = 0, 0.04$ ) under pressure. Physical Review B, 2021, 103, .	1.1	5
26	Combined Study of Structural, Magnetic and Transport Properties of $Eu_{0.5}Ln_{0.5}BiS_2F$ Superconductor*. Chinese Physics Letters, 2021, 38, 047402.	1.3	1
27	Superconductivity in $ThMo_2Si_2C$ with $Mo_2C$ square net. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	4
28	Evidence for the random singlet phase in the honeycomb iridate $OSr_2O_6$ . Physical Review B, 2021, 103, .	1.1	5
29	Coexistence of superconductivity and antiferromagnetic order in $Er_2O_2Bi$ with anti- $ThCr_2Si_2$ structure. Frontiers of Physics, 2021, 16, 1.	2.4	4
30	Bulk superconductivity and Pauli paramagnetism in nearly stoichiometric $CuCo_2S_4$ . Physical Review Materials, 2021, 5, .	0.9	4
31	Magnetic and superconducting phase diagram of $EuMo_4P_4$ . Physical Review B, 2021, 104, .	1.4	7
32	Superconductivity and paramagnetism in Cr-containing tetragonal high-entropy alloys. Journal of Alloys and Compounds, 2021, 869, 159293.	2.8	13
33	Mössbauer Study of $BaTh_2Fe_4As_4(N_{0.7}O_{0.3})_2$ . Physica Status Solidi (B): Basic Research, 2021, 258, 2100125.	0.7	1
34	Block-layer model for intergrowth structures. Nano Research, 2021, 14, 3629-3635.	5.8	8
35	Metal-insulator-like transition, superconducting dome and topological electronic structure in Ga-doped $Re_3Ce_7$ . Npj Quantum Materials, 2021, 6, .	1.8	3
36	Synthesis, Structure and Properties of Layered Phosphide Nitrides $AkTh_2Mn_4P_4N_2$ ( $Ak = Rb, Cs$ ). Chinese Journal of Chemistry, 2021, 39, 2873-2880.	2.6	0

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37	Superconductivity and strong spin-orbit coupling in a new noncentrosymmetric compound ThIrP. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	5
38	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.	5.6	23
39	Superconducting interstitial MoReRuC medium-entropy alloys with a hexagonal structure. Journal of Alloys and Compounds, 2021, , 162131.	2.8	3
40	Anisotropic lattice expansion and enhancement of superconductivity induced by interstitial carbon doping in Rhenium. Journal of Alloys and Compounds, 2021, 878, 160290.	2.8	5
41	Flux growth, mixed valence state and superconductivity of Sn4Sb3 intermetallic crystals. Intermetallics, 2021, 137, 107301.	1.8	2
42	Possible Evidence for Berezinskii-“Kosterlitz”-Thouless Transition in Ba(Fe0.914Co0.086)2As2 Crystals. Materials, 2021, 14, 6294.	1.3	1
43	Polymorphism and superconductivity in the V-Nb-Mo-Al-Ga high-entropy alloys. Science China Materials, 2020, 63, 823-831.	3.5	28
44	Crossover from ferromagnetic superconductor to superconducting ferromagnet in P-doped $\text{Eu}_{1-x}\text{Fe}_x\text{As}_2$ . Physical Review B, 2020, 102, .		
45	Doping-Induced Superconductivity in the Topological Semimetal $\text{Mo}_5\text{Si}_3$ . Chemistry of Materials, 2020, 32, 8930-8937.	3.2	10
46	A new Majorana platform in an Fe-As bilayer superconductor. Nature Communications, 2020, 11, 5688.	5.8	84
47	Mössbauer study of $\text{Ba}_2\text{Ti}_2\text{Fe}_2\text{As}_4\text{O}$ . Journal of Alloys and Compounds, 2020, 848, 155706.	2.8	1
48	Type-I superconductivity in noncentrosymmetric $\text{NbGe}_2$ . Physical Review B, 2020, 102, .		
49	Topological Dirac states in a layered telluride $\text{TaPdTe}_5$ with quasi-one-dimensional $\text{PdTe}_2$ chains. Physical Review B, 2020, 102, .	1.1	15
50	NMR and NQR studies on transition-metal arsenide superconductors $\text{LaRu}_2\text{As}_2$ , $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ , and $\text{A}_2\text{Cr}_3\text{As}_3$ *. Chinese Physics B, 2020, 29, 067402.	0.7	12
51	Metal-to-metal transition and heavy-electron state in $\text{Nd}_4\text{O}_{10}$ . Physical Review B, 2020, 101, .	1.1	16
52	Superconductivity-induced transverse plasma mode and phonon anomaly in the c-axis response of the bilayer compound $\text{RbCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ . Physical Review B, 2020, 101, .	1.1	3
53	Superconductivity in hexagonal Nb-Mo-Ru-Rh-Pd high-entropy alloys. Scripta Materialia, 2020, 182, 109-113.	2.6	35
54	$\text{ThMnPnN}$ (Pn = P, As): Synthesis, Structure, and Chemical Pressure Effects. Inorganic Chemistry, 2020, 59, 2937-2944.	1.9	12

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55	Magnetic properties of EuFeAs <sub>2</sub> and the 14Å superconductor EuFe <sub>0.97</sub> Ni <sub>0.03</sub> As <sub>2</sub> . Journal of Magnetism and Magnetic Materials, 2020, 503, 166603.	1.0	10
56	Superconductivity and magnetism in RbEu(Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>4</sub> As <sub>4</sub> . Journal of Physics Condensed Matter, 2020, 32, 175701.	0.7	4
57	Superconductivity in ternary borides MReB (M = Mo, W) with the CuAl <sub>2</sub> -type structure. Journal of Alloys and Compounds, 2020, 832, 154855.	2.8	3
58	Formation and Superconductivity of Single-Phase High-Entropy Alloys with a Tetragonal Structure. ACS Applied Electronic Materials, 2020, 2, 1130-1137.	2.0	18
59	Observation of a neutron spin resonance in the bilayered superconductor CsCa <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> F <sub>2</sub> . Journal of Physics Condensed Matter, 2020, 32, 435603.	0.7	7
60	Effects of proton irradiation on the magnetic superconductor EuFe <sub>2</sub> (As <sub>1-x</sub> ) <sub>2</sub> . Tj ETQq0 0.0 rgBT /O	1.8	13
61	Superconductivity and phase separation in electrochemically hydrogenized K <sub>1-x</sub> H <sub>x</sub> Physical Review Materials, 2020, 4,		
62	Study of the Rare Earth Effects on the Magnetic Fluctuations in RbLn <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> O <sub>2</sub> (Ln = Tb, Dy, and) Tj ETQq0 0.0 rgBT /O	0.8	1
63	Universal critical behavior in the ferromagnetic superconductor Eu(Fe <sub>0.75</sub> Ru <sub>0.25</sub> ) <sub>2</sub> As <sub>2</sub> . Physical Review B, 2019, 100, .	1.1	7
64	Electronic structure and phase diagram of Eu <sub>1-x</sub> T <sub>x</sub> Physical Review B, 2019, 100, .	1.1	0
65	Enhancement of the upper critical field in the cubic Laves-phase superconductor HfV <sub>2</sub> by Nb doping. Superconductor Science and Technology, 2019, 32, 125004.	1.8	3
66	Direct Observation of Vortex and Meissner Domains in a Ferromagnetic Superconductor EuFe <sub>2</sub> (As <sub>0.79</sub> PO <sub>0.21</sub> ) <sub>2</sub> Single Crystal. JETP Letters, 2019, 109, 521-524.	0.4	11
67	Superconductivity in Europium Bismuth Sulfofluorides. Journal of the Physical Society of Japan, 2019, 88, 041003.	0.7	4
68	Normal-state properties of the quasi-one-dimensional superconductor Ta <sub>4</sub> Pd <sub>3</sub> Te <sub>16</sub> . Journal of Physics Condensed Matter, 2019, 31, 325601.	0.7	2
69	BaTh <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> (NO <sub>0.70</sub> O <sub>0.3</sub> ) <sub>2</sub> : An iron-based superconductor stabilized by inter-block-layer charge transfer. Science China Materials, 2019, 62, 1357-1362.	3.5	13
70	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, .	1.1	20
71	Type-II superconductivity in W <sub>5</sub> Si <sub>3</sub> -type Nb <sub>5</sub> Sn <sub>2</sub> Al. Superconductor Science and Technology, 2019, 32, 045010.	1.8	5
72	Giant anisotropy in superconducting single crystals of CsCa <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> F <sub>2</sub> Physical Review B, 2019, 99, .	1.1	38

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73	Neutron Powder Diffraction Study on the Non-Superconducting Phases of $\text{ThFeAsN}_{1-x}\text{O}_x$ ( $x = 0.15$ ), Tj ETQq1 1 0,784314,rgBT /Over	1.3	1
74	Lifshitz transition and nontrivial H-doping effect in the Cr-based superconductor $\text{KCr}_3\text{As}_3\text{H}$ . Physical Review B, 2019, 100, 17004.	1.1	17
75	Enhanced superconductivity in a misfit compound $(\text{PbSe})_2(\text{TaSe})_2$ with double $\text{TaSe}_2$ layers. Europhysics Letters, 2019, 128, 17004.	0.7	4
76	Pressure-induced enhancement of superconductivity and quantum criticality in the 12442-type hybrid-structure superconductor $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ . Physical Review B, 2019, 99, .	1.1	15
77	Effect of pressure on the self-hole-doped superconductor $\text{RbGd}_2\text{Fe}_4\text{As}_4\text{O}_2$ . Journal of Physics Condensed Matter, 2019, 31, 044001.	0.7	2
78	Multigap nodeless superconductivity in $\text{CsCa}_2\text{F}_2$ probed by heat transport. Physical Review B, 2019, 99, .	1.1	19
79	Superconducting phase diagram and nontrivial band topology of structurally modulated $\text{Sn}_2\text{As}$ . Physical Review Materials, 2019, 3, .	0.9	1
80	Superconductivity induced by aging and annealing in $\text{K}_1\text{Cr}_3\text{As}_3\text{H}_x$ . Physical Review Materials, 2019, 3, .	0.9	11
81	Microwave analysis of the interplay between magnetism and superconductivity in $\text{EuFe}_2$ . Physical Review B, 2019, 99, .	1.3	20
82	Two-gap superconductivity with line nodes in $\text{CsCa}_2\text{Fe}_2$ . Physical Review B, 2019, 99, .	1.1	31
83	Nodal multigap superconductivity in $\text{As}_4\text{Fe}_4$ . Physical Review B, 2018, 97, .	1.1	38
84	Unique $[\text{Mn}_6\text{Bi}_5]$ Nanowires in $\text{KMn}_6\text{Bi}_5$ : A Quasi-One-Dimensional Antiferromagnetic Metal. Journal of the American Chemical Society, 2018, 140, 4391-4400.	6.6	26
85	Pressure effects on the electronic properties of the undoped superconductor $\text{ThFeAsN}$ . Physical Review B, 2018, 97, .	1.1	8
86	Evidence for nodal superconductivity in a layered compound $\text{Ta}_4\text{Pd}_3\text{Te}_{16}$ . Journal of Physics Condensed Matter, 2018, 30, 055701.	0.7	3
87	$\mu\text{SR}$ spectroscopy measurements on the 35.5 K superconductor $\text{Rb}_2\text{As}$ . Physical Review B, 2018, 97, .	1.1	1
88	Magnetism of the 35%K superconductor $\text{CsEuFe}_4\text{As}_4$ . Journal of Physics Condensed Matter, 2018, 30, 155803.	0.7	10
89	Magnetism and superconductivity in $\text{Eu}(\text{Fe}_{1-x}\text{Ni}_x)\text{As}_2$ ( $x = 0, 0.04$ ). Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	2.0	13
90	$\text{V}_2\text{Te}_2\text{O}$ : A Two-Dimensional van der Waals Correlated Metal. Inorganic Chemistry, 2018, 57, 14617-14623.	1.9	8

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91	Multigap Superconductivity in $\text{RbCa}_2\text{Fe}_4\text{As}_4\text{F}_2$ Investigated Using $^{1/4}\text{SR}$ Measurements. Journal of the Physical Society of Japan, 2018, 87, 124705.	0.7	15
92	Spin glass, single-ion and dense Kondo effects in $\text{La}^{1-x}\text{Ce}_x\text{FePO}$ . Europhysics Letters, 2018, 123, 57002.	0.7	1
93	Superconductivity in $\text{SnSb}$ with a natural superlattice structure. Superconductor Science and Technology, 2018, 31, 125011.	1.8	11
94	Superconductivity with peculiar upper critical fields in quasi-one-dimensional Cr-based pnictides. Chinese Physics B, 2018, 27, 107401.	0.7	10
95	Pressure effects on superconductivity and structural parameters of $\text{ThFeAsN}$ . Europhysics Letters, 2018, 123, 67004.	0.7	6
96	Neutron diffraction study on magnetic structures and transitions in $\text{SrO}_2$ . Physical Review B, 2018, 98, .	1.1	9
97	Unique interplay between superconducting and ferromagnetic orders in $\text{EuRbFe}_4$ . Physical Review B, 2018, 98, .	1.1	9
98	Coexistence of Polaronic States and Superconductivity in Iron-Pnictide Compound $\text{Ba}_2\text{Ti}_2\text{Fe}_2\text{As}_4\text{O}$ . Chinese Physics Letters, 2018, 35, 057401.	1.3	0
99	Superconducting and magnetic phase diagram of $\text{RbEuFe}_4$ and $\text{CsEuFe}_4$ at high pressure. Physical Review B, 2018, 98, .	1.1	31
100	Superconductivity in a misfit layered compound $(\text{SnSe})_{1.16}(\text{NbSe})_2$ . Journal of Physics Condensed Matter, 2018, 30, 355701.	0.7	11
101	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.	4.7	54
102	$\mu\text{SR}$ spectroscopy study of magnetic fluctuations in superconducting $\text{RbGd}_2\text{Fe}_4\text{As}_4\text{O}_2$ . Physica C: Superconductivity and Its Applications, 2018, 548, 21-26.	0.6	7
103	Peculiar phase diagram with isolated superconducting regions in $\text{ThFeAsN}_{1-x}\text{O}_x$ . Journal of Physics Condensed Matter, 2018, 30, 255602.	0.7	12
104	A possible family of Ni-based high temperature superconductors. Science Bulletin, 2018, 63, 957-963.	4.3	12
105	Weak metal-metal transition in the vanadium oxytelluride $\text{RbV}_2\text{Te}_2\text{O}$ . Physical Review B, 2018, 97, .	1.1	9
106	Self-doped iron-based superconductors with intergrowth structures. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 207406.	0.2	3
107	Temperature and angular dependence of the upper critical field in $\text{K}_2\text{Cr}_3$ . Physical Review B, 2017, 95, .	1.1	28
108	Effect of Sr doping in layered $\text{Eu}_3\text{Bi}_2\text{S}_4\text{F}_4$ superconductor. Superconductor Science and Technology, 2017, 30, 015005.	1.8	10

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109	Synthesis, Crystal Structure and Superconductivity in $RbLn_2Fe_4As_4O_2$ ( $Ln = Sm, Tb, Dy, \text{ and } Ho$ ). Chemistry of Materials, 2017, 29, 1805-1812.	3.2	39
110	Peculiar properties of $d$ -chain-based superconductors. Philosophical Magazine, 2017, 97, 591-611.	0.7	24
111	Peculiar properties of the ferromagnetic superconductor $Eu(Fe_{0.91}Rh_{0.09})_2As_2$ . Superconductor Science and Technology, 2017, 30, 025012.	1.8	8
112	Superconductivity at 35 K by self doping in $RbGd_2Fe_4As_4O_2$ . Journal of Physics Condensed Matter, 2017, 29, 11LT01.	0.7	24
113	Neutron powder diffraction study on the iron-based nitride superconductor ThFeAsN. Europhysics Letters, 2017, 117, 57005.	0.7	15
114	Unveiling pairing mechanism in quasi-one-dimensional Cr-based superconductors. Science Bulletin, 2017, 62, 206-207.	4.3	2
115	Absence of the stripe antiferromagnetic order in the new 30 Å superconductor ThFeAsN. Journal of Alloys and Compounds, 2017, 695, 1128-1136.	2.8	19
116	Crystal structure and superconductivity at about 30 K in $ACa_2Fe_4As_4F_2$ ( $A = Rb, Cs$ ). Science China Materials, 2017, 60, 83-89.	3.5	52
117	Synthesis, crystal structure and physical properties of a new oxypnictide $Ba_2Ti_2Cr_2As_4O$ containing $[Ti_2As_2O]^{2-}$ and $[Cr_2As_2]^{2-}$ layers. Journal of Alloys and Compounds, 2017, 694, 1149-1153.	2.8	10
118	Multigap superconductivity in ThAsFeN investigated using $\frac{1}{4}$ SR measurements. Physical Review B, 2017, 96, .	1.1	26
119	Evidence of spontaneous vortex ground state in an iron-based ferromagnetic superconductor. Npj Quantum Materials, 2017, 2, .	1.8	21
120	Enhanced superconductivity in ThNiAsN. Europhysics Letters, 2017, 118, 57004.	0.7	15
121	Magnetic properties of single crystal EuPt <sub>2</sub> As <sub>2</sub> . Journal of Alloys and Compounds, 2017, 728, 959-965.	2.8	1
122	Anisotropic upper critical magnetic fields in Rb <sub>2</sub> Cr <sub>3</sub> As <sub>3</sub> superconductor. Journal of Physics Condensed Matter, 2017, 29, 424002.	0.7	7
123	High- $T_c$ superconductivity in undoped ThFeAsN. Nature Communications, 2017, 8, 156.	5.8	26
124	Effects of pressure and magnetic field on the reentrant superconductor $Eu(Tl_{1-x}Bi_x)_{10}Fe_{14}As_{10}$ . Physical Review B, 2017, 95, .	1.1	5
125	Reentrant phases in electron-doped $EuFe_2As_2$ . Superconductor Science and Technology, 2017, 30, 025012.	1.1	6
126	Absence of magnetism in the superconductor $EuFe_2As_2$ . Physical Review B, 2017, 95, .	1.1	6





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145	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. Magnetic ground state of superconducting $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi}$	1.6	15

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163	Multiband superconductivity in Ta <sub>4</sub> Pd <sub>3</sub> Te <sub>16</sub> with anisotropic gap structure. Journal of Physics Condensed Matter, 2015, 27, 325701.	0.7	9
164	NMR Investigation of the Quasi-One-Dimensional Superconductor $K_2Cr_2O_8$ . Physical Review Letters, 2015, 114, 147004.	2.9	86
165	Superconductivity enhanced by Se doping in Eu <sub>3</sub> Bi <sub>2</sub> (S,Se) <sub>4</sub> F <sub>4</sub> . Europhysics Letters, 2015, 111, 27002.	0.7	21
166	Coexistence of superconductivity and complex $f$ -magnetism in Eu <sub>0.5</sub> Ce <sub>0.5</sub> BiS <sub>2</sub> F. Journal of Physics Condensed Matter, 2015, 27, 385701.	0.7	12
167	Angle-resolved vortex glass transition and pinning properties in BaFe <sub>1.8</sub> Co <sub>0.2</sub> As <sub>2</sub> single crystals. Journal of Applied Physics, 2015, 117, 173901.	1.1	10
168	Superconductivity in Quasi-One-Dimensional $K_2Cr_2O_8$ . Significant Electron Correlations. Physical Review X, 2015, 5, .	2.8	146
169	Low-temperature Synthesis and Characterizations of LaFeAsO Nanocrystals. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2015, 30, 1273.	0.6	0
170	Pressure-enhanced superconductivity in $Eu_3Mn_4F_4$ . Physical Review B, 2014, 90, .	1.1	37
171	Correlation-induced Self-Doping in the Iron-Pnictide Superconductor $Ti_2Ba_2O_8$ . Physical Review Letters, 2014, 113, 266407.	2.9	21
172	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. Europhysics Letters, 2014, 107, 67007.	0.7	11
173	Variable range hopping conductivity and spin glass behavior in spin-ladder Ba <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> Se <sub>3</sub> single crystals. Journal of Physics Condensed Matter, 2014, 26, 026002.	0.7	3
174	Coexistence of superconductivity and density wave in $BaTi_2Fe_2As_4$ . Physical Review B, 2014, 89, .	1.1	9
175	Electronic nematicity revealed by torque magnetometry in $BaTi_2Fe_2As_4$ . Physical Review B, 2014, 89, .	1.1	7
176	Electronic nematicity revealed by torque magnetometry in $EuFe_2As_2$ . Physical Review B, 2014, 89, .	1.1	14
177	Superconducting Properties of Polycrystalline Ba <sub>2</sub> Ti <sub>2</sub> Fe <sub>2</sub> As <sub>4</sub> O. , 2014, , .		0
178	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickel-oxypnictide. Nature Materials, 2014, 13, 777-781.	13.3	41
179	Superconductivity in a Layered Ta <sub>4</sub> Pd <sub>3</sub> Te <sub>16</sub> with PdTe <sub>2</sub> Chains. Journal of the American Chemical Society, 2014, 136, 1284-1287.	6.6	52
180	Design and Synthesis of a New Layered Thermoelectric Material LaPbBiS <sub>3</sub> O. Inorganic Chemistry, 2014, 53, 11125-11129.	1.9	43

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181	<p>Superconductivity, charge density wave, and spin-density wave in <math>\text{EuBiS}_2</math>. <i>Journal of Applied Physics</i>, 2014, 115, 17D705.</p> <p>Superconductivity, charge density wave, and spin-density wave in <math>\text{EuBiS}_2</math>. <i>Journal of Applied Physics</i>, 2014, 115, 17D705.</p>	1.1	112
182	<p>Anomalous Eu Valence State and Superconductivity in Undoped <math>\text{Eu}_{1-x}\text{Bi}_x\text{S}_2</math>. <i>Journal of the American Chemical Society</i>, 2014, 136, 15386-15393.</p>	6.6	82
183	<p>Photoexcited <math>\text{Eu}^{2+}</math> spin dynamics in <math>\text{EuFe}_2\text{As}_2</math>. <i>Optics and Spectroscopy (English Translation of Optika i Laser)</i>, 2014, 39, 107-110.</p>	0.784314	14
184	<p>Kramers non-magnetic superconductivity in <math>\text{LnNiAsO}</math> superconductors. <i>Journal of Physics Condensed Matter</i>, 2014, 26, 425701.</p>	0.7	6
185	<p>Magnetic properties of <math>\text{EuCuAs}</math> single crystal. <i>Journal of Alloys and Compounds</i>, 2014, 602, 26-31.</p>	2.8	14
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208	Zn impurity effect and magnetic phase diagram in Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub>	1.1	31
209	Magnetism and crystalline electric field effect in ThCr <sub>2</sub> Si <sub>2</sub>	1.1	21
210	Insulator-to-metal transition and large thermoelectric effect in La <sub>1-x</sub> Sr <sub>x</sub> MnAsO	1.1	20
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