Guang-Han Cao

List of Publications by Year
in descending order

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349 papers	9,472 citations	50566 48 h-index	64407 83 g-index

354 all docs	354 docs citations	354 times ranked	4842 citing authors

#	Article	IF	Citations
1	Anisotropic transport in a possible quasi-one-dimensional topological candidate: TaNi2Te3. Tungsten, 2023, 5, 325-331.	2.0	5
2	Interstitially carbon-alloyed 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 AEuFe₄As₄ (A = Rb, Cs): natural superconductorâ€“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 Eu2+ spins in RbEu(Fe1â^'xNix)4As4. Physical Review Research, 2022, 4, .	1.3	3
6	Structural, Electronic, and Physical Properties of a New Layered Cr-Based Oxyarsenide Sr2Cr2AsO3. 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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ta</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi>Ni</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi>Te</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>. Physical Review B, 2022, 105, .	1.1	4
10	Chemical pressure effects in ZrCuSiAs-type manganese-based compound ThMnSbN. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 046103.	0.2	0
11	W₄IrC_{1â^'x}: a new noncentrosymmetric superconductor with a cubic Î²-Mn type structure. Journal of Materials Chemistry C, 2022, 10, 6070-6077.	2.7	7
12	Enhanced Nernst effect 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:ma in the quasi-two-dimensional iron pnictide superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CsCa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi	1.1	4
13	Possible Dirac quantum spin liquid in the kagome quantum antiferromagnet <mml:math		

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19	Strong enhancement of superconductivity in the topological transition metal silicide W₅Si₃ by Re doping. Inorganic Chemistry Frontiers, 2022, 9, 4594-4601.	3.0	2
20	Normal-state and superconducting properties of the cubic Laves phase ThIr2. Intermetallics, 2021, 128, 106993.	1.8	7
21	Superconductivity and high hardness in metal-rich carbides MoRe2C and WRe2C. Journal of Alloys and Compounds, 2021, 856, 157314.	2.8	7
22	The As-surface of an iron-based superconductor CaKFe4As4. Nano Research, 2021, 14, 3921-3925.	5.8	6
23	Superconductivity in Cubic A15-type Vâ€“Nbâ€“Moâ€“Irâ€“Pt High-Entropy Alloys. Frontiers in Physics, 2021, 9, .	1.0	1
24	Anisotropic transport and de Haasâ€“van Alphen oscillations in quasi-one-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ta</mml:mi><mml:mi>Pt</mml:mi><mml:msub><mml:m Physical Review B, 2021, 103, .	1.1	10
25	Microscopic phase diagram of Eu(Fe1â^'xNix)As2 (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}BiS₂F Superconductor*. Chinese Physics Letters, 2021, 38, 047402.	1.3	1
27	Superconductivity in ThMo2Si2C with Mo2C 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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrIr</mml:mi><mml:mn>2</mml:mn></mml mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	1.1	5
29	Coexistence of superconductivity and antiferromagentic order in Er2O2Bi with anti-ThCr2Si2 structure. Frontiers of Physics, 2021, 16, 1.	2.4	4
30	Bulk superconductivity and Pauli paramagnetism in nearly stoichiometric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CuCo</mml:mi><mml:mn>2</mml:mn></mml mathvariant="normal">S</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2021, 5, .	0.9	4
31	Magnetic and superconducting phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:mrow><mml:mo(Physical Review B, 2021, 104, .	1.1	10
32	Superconductivity and paramagnetism in Cr-containing tetragonal high-entropy alloys. Journal of Alloys and Compounds, 2021, 869, 159293.	2.8	13
33	MÃ¶ssbauer Study of BaTh 2 Fe 4 As 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	Metalâ€“insulator-like transition, superconducting dome and topological electronic structure in Ga-doped Re3Ge7. Npj Quantum Materials, 2021, 6, .	1.8	3
36	Synthesis, Structure and Properties of Layered Phosphide Nitrides Ak Th 2 Mn 4 P 4 N 2 (Ak = Rb, Cs) â€. 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 Berezinskiiâ€“Kosterlitzâ€“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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:msub><mml:mi>Fe</mml:mi> Physical Review B, 2020, 102, .	1.1	11
45	Doping-Induced Superconductivity in the Topological Semimetal Mo₅Si₃. 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	MÃ¶ssbauer study of Ba2Ti2Fe2As4O. Journal of Alloys and Compounds, 2020, 848, 155706.	2.8	1
48	Type-I superconductivity in noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Nb</mml:mi><mml:msub><mml:mi>Ge</mml:mi> Physical Review B, 2020, 102, .	1.1	12
49	Topological Dirac states in a layered telluride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TaPdTe</mml:mi><mml:mn>5</mml:mn></mml:msub> with quasi-one-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PdTe</mml:mi><mml:mn>2</mml:mn></mml:msub> chains. Physical Review B, 2020, 102, .	1.1	15
50	NMR and NQR studies on transition-metal arsenide superconductors LaRu₂As₂, KCa₂Fe₄As₄F₂, and A₂Cr₃As₃*. Chinese Physics B, 2020, 29, 067402.	0.7	12
51	Metal-to-metal transition and heavy-electron state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mn>4</mml:mn></mml:msub> mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>10</mml:mn><mml:mo>â^’</mml:mo><mml:mi>Î´</mml:mi></mml:mrow> 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 RbCa2Fe4As4F2. 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	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 EuFeAs2 and the 14ÂK superconductor EuFe0.97Ni0.03As2. Journal of Magnetism and Magnetic Materials, 2020, 503, 166603.	1.0	10
56	Superconductivity and magnetism in RbEu(Fe1âˆ'x Co x)4As4. Journal of Physics Condensed Matter, 2020, 32, 175701.	0.7	4
57	Superconductivity in ternary borides MReB (MÂ= Mo, W) with the CuAl2-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 CsCa₂Fe₄As₄F₂. Journal of Physics Condensed Matter, 2020, 32, 435603.	0.7	7
60	Effects of proton irradiation on the magnetic superconductor EuFe₂(As<sub>1â€‰â€‰â€‰x) Tj ETQq0 0 0 rgBT /Ov	1.8	13
61	Superconductivity and phase separation in electrochemically hydrogenized <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2020, 4, .	2.4	6
62	Study of the Rare Earth Effects on the Magnetic Fluctuations in RbLn2Fe4As4O2 (Ln = $=$ Tb, Dy, and) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	1
63	Universal critical behavior in the ferromagnetic superconductor Eu(Fe0.75Ru0.25)2As2. Physical Review B, 2019, 100, .	1.1	7
64	Electronic structure and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>H</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>T</mml:mi></mml:mrow></mml:math> phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:msub><mml:mrow><mml:mo>(</mml:mo> Physical Review B, 2019, 100, .	1.1	0
65	Enhancement of the upper critical field in the cubic Laves-phase superconductor HfV2 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 EuFe2(As0.79P0.21)2 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 Ta4Pd3Te16. Journal of Physics Condensed Matter, 2019, 31, 325601.	0.7	2
69	BaTh2Fe4As4(N0.7O0.3)2: 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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsCa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	1.1	20
71	Type-II superconductivity in W₅Si₃-type Nb₅Sn₂Al. Superconductor Science and Technology, 2019, 32, 045010.	1.8	5
72	Giant anisotropy in superconducting single crystals of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CsCa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2	1.1	38

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73	Neutron Powder Diffraction Study on the Non-Superconducting Phases of ThFeAsN1âˆ'x 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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">KCr</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:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math>. Physical Review B, 2019, 100, .	1.1	17
75	Enhanced superconductivity in a misfit compound (PbSe)_{1.12} (TaSe₂)₂ with double TaSe₂ 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 KCa2Fe4As4F2. Physical Review B, 2019, 99, .	1.1	15
77	Effect of pressure on the self-hole-doped superconductor RbGd2Fe4As4O2. Journal of Physics Condensed Matter, 2019, 31, 044001.	0.7	2
78	Multigap nodeless superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsCa</mml:mi><mml:mn>2</mml:mn></mml:mr mathvariant="normal">F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> probed by heat transport. Physical Review B, 2019, 99, .	1.1	19
79	Superconducting phase diagram and nontrivial band topology of structurally modulated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sn</mml:mi><mml:mrow 0.9 <mml:mn>1</mml:m Physical Review Materials, 2019, 3, .	0.9	5
80	Superconductivity induced by aging and annealing in K1âˆ'Î´Cr3As3Hx. Physical Review Materials, 2019, 3, .	0.9	11
81	Microwave analysis of the interplay between magnetism and superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuFe</mml:mi><mml:mn>2</mml:mn></mml:m	1.3	20
82	Two-gap superconductivity with line nodes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">CsCa</mml:mi><mml:mn mathvariant="bold">2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">Fe</mml:mi><mml:mn mathvariant="bold">4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">As</mml:mi><mml:mn> Physical Review Research, 2019, 1, .	1.1	31
83	Nodal multigap superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KCa</mml:mi><mml:mn>2</mml:mn></mml:m mathvariant="normal">F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	1.1	38
84	Unique [Mn₆Bi₅]^{â”'} Nanowires in KMn₆Bi₅: 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 ThFeAsN. Physical Review B, 2018, 97, .	1.1	8
86	Evidence for nodal superconductivity in a layered compound Ta₄Pd₃Te₁₆. Journal of Physics Condensed Matter, 2018, 30, 055701.	0.7	3
87	MÃ¶ssbauer spectroscopy measurements on the 35.5 K superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Rb</mml:mi><mml:mrow 1.1 <mml:mn>1</mml:m Physical Review B, 2018, 97, .	1.1	28
88	Magnetism of the 35â€‰K superconductor CsEuFe₄As₄. Journal of Physics Condensed Matter, 2018, 30, 155803.	0.7	10
89	Magnetism and superconductivity in Eu(Fe1âˆ'xNix)As2 (x = 0, 0.04). Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	2.0	13
90	V₂Te₂O: 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 RbCa₂Fe₄As₄F₂ Investigated Using Î¼SR Measurements. Journal of the Physical Society of Japan, 2018, 87, 124705.	0.7	15
92	Spin glass, single-ion and dense Kondo effects in La _{1âˆ’x} Ce _x FePO. Europhysics Letters, 2018, 123, 57002.	0.7	1
93	Superconductivity in 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 ThFeAsN. Europhysics Letters, 2018, 123, 67004.	0.7	6
96	Neutron diffraction study on magnetic structures and transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:n mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	1.1	9
97	Unique interplay between superconducting and ferromagnetic orders in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuRbFe</mml:mi><mml:mn>4</mml:mn> Physical Review B, 2018, 98, .	1.1	25
98	Coexistence of Polaronic States and Superconductivity in Iron-Pnictide Compound Ba 2 Ti 2 Fe 2 As 4 O. Chinese Physics Letters, 2018, 35, 057401.	1.3	0
99	Superconducting and magnetic phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>RbEuFe</mml:mi><mml:mn>4</mml:mn> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CsEuFe</mml:mi><mml:mn>4</mml:mn> at high pressure. Physical Review B, 2018, 98, .	1.1	31
100	Superconductivity in a misfit layered compound (SnSe)_{1.16}(NbSe₂). Journal of Physics Condensed Matter, 2018, 30, 355701.	0.7	11
101	Domain Meissner state and spontaneous vortex-antivortex generation in the ferromagnetic superconductor EuFe ₂ (As _{0.79} P _{0.21}) ₂. Science Advances, 2018, 4, eaat1061.	4.7	54
102	MÃ¶ssbauer spectroscopy study of magnetic fluctuations in superconducting RbGd2Fe4As4O2. Physica C: Superconductivity and Its Applications, 2018, 548, 21-26.	0.6	7
103	Peculiar phase diagram with isolated superconducting regions in ThFeAsN_{1âˆ’x}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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Rb</mml:mi><mml:mrow><mml:mn>1</mml:n mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mn>2</mml:mn> mathvariant="normal">O</mml:mi></mml:mrow></mml:math>. 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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cr</mml:mi><mml:mn>3</mml:mn> Physical Review B, 2017, 95, .	1.1	28
108	Effect of Sr doping in layered Eu₃Bi₂S₄F₄superconductor. Superconductor Science and Technology, 2017, 30, 015005.	1.8	10

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109	Synthesis, Crystal Structure and Superconductivity in RbLn₂Fe₄As₄O₂ (Ln = Sm, Tb, Dy, and Ho). Chemistry of Materials, 2017, 29, 1805-1812.	3.2	39
110	Peculiar properties of -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})₂As₂. Superconductor Science and Technology, 2017, 30, 025012.	1.8	8
112	Superconductivity at 35â€‰K by self doping in RbGd₂Fe₄As₄O₂. 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
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