

# Zhu-An Xu

## List of Publications by Year in descending order

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191  
papers

7,662  
citations

57758

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83  
g-index

191  
all docs

191  
docs citations

191  
times ranked

6430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thorium-doping-induced superconductivity up to 56 K in $Gd_{1-x}Th_xFeAsO$ . Europhysics Letters, 2008, 83, 67006.	2.0	576
2	Majorana Zero Mode Detected with Spin Selective Andreev Reflection in the Vortex of a Topological Superconductor. Physical Review Letters, 2016, 116, 257003.	7.8	494
3	The Coexistence of Superconductivity and Topological Order in the $Bi_2Se_3$ Thin Films. Science, 2012, 336, 52-55.	12.6	462
4	Superconductivity up to 30 K in the vicinity of the quantum critical point in $BaFe_2(As_{1-x}P_x)_2$ . Journal of Physics Condensed Matter, 2009, 21, 382203. <a href="#">Cobalt Doping and Its Coexistence with Ferromagnetism</a>	1.8	262
5	in $EuFe_{2-x}As_{0.7-x}Tj_xO_{10}$	7.8	259
6	Artificial Topological Superconductor by the Proximity Effect. Physical Review Letters, 2014, 112, .	7.8	226
7	Antiferromagnetic transition in $EuFe_{2-x}As_{0.7-x}Tj_xO_{10}$ . A possible parent compound for superconductors. Physical Review B, 2008, 78, .	11.85	115
8	Effects of cobalt doping and phase diagrams of $EuFe_{2-x}As_{0.7-x}Tj_xO_{10}$		

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19	Superconductivity in LaFeAs <sub>1-x</sub> P <sub>x</sub> O: Effect of chemical pressures and bond covalency. Europhysics Letters, 2009, 86, 47002.	2.0	96
20	Superconductivity and local-moment magnetism in $\text{Eu}_{1-x}\text{Ce}_x\text{P}_2\text{O}_7$ . Physical Review B, 2009, 80, .	3.2	95
21	Defects controlled hole doping and multivalley transport in SnSe single crystals. Nature Communications, 2018, 9, 47.	12.8	95
22	Superconductivity and ferromagnetism in hole-doped $\text{RbEuFe}_4\text{As}_8$ . Physical Review B, 2016, 93, .	12.2	88
23	Narrow superconducting window in $\text{LaFe}_{1-x}\text{Ni}_x\text{AsO}$ . Physical Review B, 2009, 79, .	3.2	80
24	$\text{Ba}_2\text{Ti}_2\text{Fe}_2\text{As}_4\text{O}$ : A New Superconductor Containing $\text{Fe}_2\text{As}_2$ Layers and $\text{Ti}_2\text{O}$ Sheets. Journal of the American Chemical Society, 2012, 134, 12893-12896.	13.7	71
25	Giant anomalous Nernst effect in the magnetic Weyl semimetal $\text{Co}_3\text{S}_2$ . Physical Review Materials, 2020, 4, .	2.4	68
26	Negative magnetoresistance in Weyl semimetals NbAs and NbP: Intrinsic chiral anomaly and extrinsic effects. Frontiers of Physics, 2017, 12, 1.	5.0	64
27	Spin gap and magnetic resonance in superconducting $\text{BaFe}_2\text{As}_2$ . Physical Review B, 2009, 79, .	3.2	63
28	A New ZrCuSiAs-Type Superconductor: $\text{ThFeAsN}$ . Journal of the American Chemical Society, 2016, 138, 2170-2173.	13.7	63
29	Superconductivity above 50 K in $\text{Tb}_2\text{Te}_3$ . Physical Review B, 2008, 78, .	3.2	62
30	Coexistence of Topological Edge State and Superconductivity in Bismuth Ultrathin Film. Nano Letters, 2017, 17, 3035-3039.	9.1	62
31	Phase diagram of $\text{CeFeAs}$ from electrical resistivity, magnetization, and specific heat measurements. Physical Review B, 2010, 81, .	3.2	59
32	Observation of Fermi Arcs in Non-Centrosymmetric Weyl Semi-Metal Candidate NbP. Chinese Physics Letters, 2015, 32, 107101.	3.3	59
33	$\text{La}_2\text{Co}_2\text{Se}_2\text{O}_3$ : 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
34	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
35	A new ferromagnetic superconductor: $\text{CsEuFe}_4\text{As}_4$ . Science Bulletin, 2016, 61, 1213-1220.	9.0	53
36	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

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37	Superconductivity and ferromagnetism in $\text{EuFe}_2(\text{As}_2)_{1-x}\text{P}_x$ . Journal of Physics Condensed Matter, 2011, 23, 464204.	1.8	50
38	Magnetic ordering and dense Kondo behavior in $\text{EuFe}_2$ . Physical Review B, 2010, 82, .	3.2	49
39	Wave transition and emergence of ferromagnetic ordering in $\text{EuFe}_2$ . Physical Review B, 2009, 79, .	3.2	48
40	Cluster spin-glass ground state in quasi-one-dimensional $\text{KCr}_2$ . Physical Review B, 2015, 91, .	3.2	48
41	Self-doping effect and successive magnetic transitions in superconducting $\text{Sr}_2$ . Physical Review B, 2010, 82, .	3.2	46
42	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
43	Sr and Mn co-doped $\text{LaCuSO}$ : A wide band gap oxide diluted magnetic semiconductor with $T_C$ around 200K. Applied Physics Letters, 2013, 103, .	3.3	45
44	Discovery of segmented Fermi surface induced by Cooper pair momentum. Science, 2021, 374, 1381-1385.	12.6	45
45	Heavy surface state in a possible topological Kondo insulator: Magnetothermoelectric transport on the (011) plane of $\text{SmB}_6$ . Physical Review B, 2015, 91, .	3.2	44
46	Crystal chemistry and structural design of iron-based superconductors. Chinese Physics B, 2013, 22, 087410.	1.4	43
47	$\text{RhO}_3$ : A spin-glassy relativistic Mott insulator. Physical Review B, 2013, 87, .	3.2	42
48	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickel oxypnictide. Nature Materials, 2014, 13, 777-781.	27.5	41
49	K and Mn co-doped $\text{BaCd}_2\text{As}_2$ : A hexagonal structured bulk diluted magnetic semiconductor with large magnetoresistance. Journal of Applied Physics, 2013, 114, .	2.5	39
50	Magnetic structure of $\text{EuFe}_2$ . Physical Review B, 2010, 82, .	3.2	38
51	Metal-nonmetal transition in $\text{BaTi}_2$ studied by neutron		

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55	Effect of Zn doping on magnetic order and superconductivity in LaFeAsO. <i>New Journal of Physics</i> , 2009, 11, 053008.	2.9	35
56	Fabrication of cuprate superconducting La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> nanofibers by electrospinning and subsequent calcination in oxygen. <i>CrystEngComm</i> , 2011, 13, 6964.	2.6	34
57	Exploring Topological Superconductivity in Topological Materials. <i>Advanced Quantum Technologies</i> , 2019, 2, 1800112.	3.9	34
58	Tunable Topological Energy Bands in 2D Dialkali Metal Monoxides. <i>Advanced Science</i> , 2020, 7, 1901939.	11.2	34
59	Ferroelectric control of single-molecule magnetism in 2D limit. <i>Science Bulletin</i> , 2020, 65, 1252-1259.	9.0	33
60	Evidence of magnetically driven structural phase transition in $\text{FeAsO}$ ( $T_{\text{J}}$ ETQq) $\text{FeAsO}$ ( $T_{\text{J}}$ ETQq) Weakly ferromagnetic metallic state in heavily doped Ba $\text{Ba}_{1-x}\text{K}_x\text{FeAsO}$ $\text{Ba}_{1-x}\text{K}_x\text{FeAsO}$	3.2	32
61	Weakly ferromagnetic metallic state in heavily doped Ba $\text{Ba}_{1-x}\text{K}_x\text{FeAsO}$ $\text{Ba}_{1-x}\text{K}_x\text{FeAsO}$	3.2	31
62	White-light emission and weak antiferromagnetism from cubic rare-earth oxide Eu <sub>2</sub> O <sub>3</sub> electrospun nanostructures. <i>CrystEngComm</i> , 2013, 15, 2372.	2.6	30
63	Rashba valleys and quantum Hall states in few-layer black arsenic. <i>Nature</i> , 2021, 593, 56-60.	27.8	30
64	Synthesis, crystal structure and physical properties of quasi-one-dimensional ACr <sub>3</sub> As <sub>3</sub> (A = Rb, Cs). <i>Science China Materials</i> , 2015, 58, 543-549.	6.3	29
65	Temperature and angular dependence of the upper critical field in $\text{K}_2\text{Cr}_3\text{As}_3$ $\text{K}_2\text{Cr}_3\text{As}_3$ <i>Physical Review B</i> , 2017, 95, .	3.2	28
66	Nonvolatile ferroelectric control of topological states in two-dimensional heterostructures. <i>Physical Review B</i> , 2020, 102, .	3.2	28
67	Superconductivity in a layered cobalt oxyhydrate Na <sub>0.31</sub> CoO <sub>2</sub> ·1.3H <sub>2</sub> O. <i>Journal of Physics Condensed Matter</i> , 2003, 15, L519-L525.	1.8	27
68	Competing Ferromagnetism and Superconductivity on FeAs Layers in EuFe <sub>2</sub> (As <sub>0.73</sub> P <sub>0.27</sub> ) <sub>2</sub> . <i>Physical Review Letters</i> , 2010, 105, 207003.	7.8	27
69	Insulator-to-metal transition and large thermoelectric effect in La <sub>1-x</sub> Sr <sub>x</sub> MnAsO. <i>Europhysics Letters</i> , 2012, 98, 17009.	2.0	27
70	Relationship between Superconductivity and Antiferromagnetism in LaFe(As <sub>1-x</sub> P <sub>x</sub> )O Revealed by 31P-NMR. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 023707.	1.6	27
71	Physical properties and electronic structure of $\text{Sr}_2\text{CrO}_2$ containing $\text{Mn}^{2+}$ $\text{Sr}_2\text{CrO}_2$ containing $\text{Mn}^{2+}$	3.2	27
72	Magnetic instability induced by Rh doping in the Kondo semiconductor CeRu <sub>2</sub> Al <sub>10</sub> $\text{CeRu}_2\text{Al}_{10}$	3.2	26

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73	Unique $[Mn_6Bi_5]_{\hat{a}}$ Nanowires in $KMn_6Bi_5$ : A Quasi-One-Dimensional Antiferromagnetic Metal. <i>Journal of the American Chemical Society</i> , 2018, 140, 4391-4400.	13.7	26
74	Interface structure of a topological insulator/superconductor heterostructure. <i>New Journal of Physics</i> , 2014, 16, 123043.	2.9	25
75	Giant linear magneto-resistance in nonmagnetic PtBi <sub>2</sub> . <i>Applied Physics Letters</i> , 2016, 108, .	3.3	25
76	Pressure-induced superconductivity in topological semimetal NbAs <sub>2</sub> . <i>Npj Quantum Materials</i> , 2018, 3, .	5.2	25
77	The effect of a charge-density wave transition on the transport properties of 2H-NbSe <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , 2005, 17, 493-498.	1.8	24
78	Anisotropic inelastic scattering and its interplay with superconductivity in $URu_2Si_2$ . <i>Physical Review B</i> , 2009, 80, .	3.2	24
79	Superconductivity at 35 K by self doping in $RbGd_2Fe_4As_2O_2$ . <i>Journal of Physics Condensed Matter</i> , 2017, 29, 11LT01.	1.8	24
80	Anomalous critical fields and the absence of Meissner state in $Eu(Fe_{0.88}Ir_{0.12})_2As_2$ crystals. <i>New Journal of Physics</i> , 2013, 15, 113002.	2.9	23
81	Partial cationic inversion-induced magnetic hardening of densely packed 23-nm-sized nanocrystallite-interacting nickel ferrite electrospun nanowires. <i>Applied Physics Letters</i> , 2013, 103, 232410.	3.3	23
82	Anomalous Quantum Metal in a 2D Crystalline Superconductor with Electronic Phase Nonuniformity. <i>Nano Letters</i> , 2019, 19, 4126-4133.	9.1	22
83	Zn-impurity effect and interplay of $\Delta_{\pm}$ and $\Delta_{\pm}$ in iron-based superconductors. <i>Physical Review B</i> , 2012, 86, .	3.2	21
84	Exciton quenching and ferromagnetism-to-ferrimagnetism crossover in diluted magnetic semiconducting $Zn_{1-x}Co_xO$ nanogranular nanofibers. <i>CrystEngComm</i> , 2012, 14, 525-532.	2.6	21
85	Pressure induced superconductivity bordering a charge-density-wave state in NbTe <sub>4</sub> with strong spin-orbit coupling. <i>Scientific Reports</i> , 2018, 8, 6298.	3.3	21
86	Magnetism and crystalline electric field effect in $ThCr_2Si_2$ -type CeNi <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , 2019, 31, 355601.	3.2	20
87	Magnetic and transport properties of low-carrier-density Kondo semimetal CeSbTe. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 355601.	1.8	20
88	Two-dimensional superconductivity at the surfaces of $KTaO_3$ gated with ionic liquid. <i>Science Advances</i> , 2022, 8, .	10.3	19
89	Coexistence of Ferroelectricity and Ferromagnetism in One-Dimensional SbN and BiN Nanowires. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 13517-13523.	8.0	18
90	Interplay of superconductivity and $f$ -magnetism in $CeFeAs_1-xP_x$ . <i>Physical Review B</i> , 2012, 86, .	3.2	17

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91	Dialkali-Metal Monochalcogenide Semiconductors with High Mobility and Tunable Magnetism. Journal of Physical Chemistry Letters, 2018, 9, 6695-6701.	4.6	17
92	Charge density wave and weak Kondo effect in a Dirac semimetal CeSbTe. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	16
93	Band-Dependent Normal-State Coherence in $\text{Sr}_2\text{RuO}_4$ : Evidence from Nernst Effect and Thermopower Measurements. Physical Review Letters, 2008, 101, 057002.	2.0	15
94	Transport, magnetic, and $^{57}\text{Fe}$ and $^{155}\text{Gd}$ Mössbauer spectroscopic properties of $\text{GdFeAsO}$ and the slightly overdoped superconductor $\text{Gd}_{0.84}\text{Th}_{0.16}\text{FeAsO}$ . Journal of Physics Condensed Matter, 2010, 22, 145701.	1.8	15
95	$\text{CeNiAsO}$ : an antiferromagnetic dense Kondo lattice. Journal of Physics Condensed Matter, 2011, 23, 175701.	1.8	15
96	Morphological diversity and alternate evolution in tin-assisted vapor-transport-grown ZnO micro-nanocrystal tetrapods. CrystEngComm, 2012, 14, 7800.	2.6	15
97	Synthesis of ultrafine green-emitting $\text{BaCO}_3$ nanowires with 18.5 nm-diameter by $\text{CO}_2$ vapor-assisted electrospinning. CrystEngComm, 2014, 16, 964.	2.6	15
98	Enhanced superconductivity in $\text{ThNiAsN}$ . Europhysics Letters, 2017, 118, 57004.	2.0	15
99	Strong Coupled Magnetic and Electric Ordering in Monolayer of Metal Thio(seleno)phosphates. Chinese Physics Letters, 2021, 38, 077501.	3.3	15
100	Superconductivity in $\text{Ta}_3\text{Pd}_3\text{Te}_{14}$ with quasi-one-dimensional $\text{PdTe}_2$ chains. Scientific Reports, 2016, 6, 21628.	3.3	15
101	The magnetoresistance of the quasi-one-dimensional conductor $\text{NbSe}_3$ . Journal of Physics Condensed Matter, 2003, 15, 5353-5358.	1.8	14
102	Magnetic, electrical transport, and thermoelectric properties of $\text{Sr}_4\text{Ru}_3\text{O}_{10}$ : Evidence for a field-induced electronic phase transition at low temperatures. Physical Review B, 2007, 75, 040407.	3.2	14
103	Structural and superconducting properties of $\text{LaFeAs}_{1-x}\text{Sb}_x\text{O}_{1-y}\text{F}_y$ . Science China: Physics, Mechanics and Astronomy, 2010, 53, 1225-1229.	5.1	14
104	Anisotropic paramagnetism of monoclinic $\text{Nd}_2\text{Ti}_2\text{O}_7$ single crystals. Journal of Physics Condensed Matter, 2011, 23, 216005.	1.8	14
105	Magnetic properties of $\text{EuCuAs}$ single crystal. Journal of Alloys and Compounds, 2014, 602, 26-31.	5.5	14
106	Matched witness for multipartite entanglement. Quantum Information Processing, 2017, 16, 1.	2.2	14
107	Existence of electron and hole pockets and partial gap opening in the correlated semimetal $\text{Ca}_3\text{Ru}_2\text{O}_7$ . Physical Review B, 2007, 75, 040407.	3.2	14
108	Coexistence of superconductivity and ferromagnetism in iron pnictides. Journal of Physics: Conference Series, 2012, 391, 012123.	0.4	13

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109	Emergent order in the spin-frustrated system $\text{DyNi}_2\text{P}_2\text{O}_{14}$ . Physical Review B, 2010, 81, .	3.2	12
110	Coexistence of superconductivity and complex $\text{f}$ magnetism in $\text{Eu}_{0.5}\text{Ce}_{0.5}\text{BiS}_2$ . Journal of Physics Condensed Matter, 2015, 27, 385701.	1.8	12
111	Antiferromagnetic Kondo lattice compound $\text{CePt}_3\text{P}$ . Scientific Reports, 2017, 7, 41853.	3.3	12
112	Type-I superconductivity in noncentrosymmetric $\text{NbGe}_2$ . Physical Review B, 2020, 102, .	2.1	12
113	Non-layered wurtzite-type extralarge-area flexible $\text{ZnO}$ (011 $\bar{1}$ ,0) paper-like nanostructures grown by electrostatically induced vapor-phase transport. CrystEngComm, 2013, 15, 1179-1184.	2.6	11
114	$\text{Sr}_{0.9}\text{K}_{0.1}\text{Zn}_{1.8}\text{Mn}_{0.2}\text{As}_2$ : A ferromagnetic semiconductor with colossal magnetoresistance. Europhysics Letters, 2014, 107, 67007.	2.0	11
115	Precise detection of multipartite entanglement in four-qubit Greenberger-Horne-Zeilinger diagonal states. Frontiers of Physics, 2018, 13, 1.	5.0	11
116	Superconductivity in a misfit layered compound $(\text{SnSe})_{1.16}(\text{NbSe})_2$ . Journal of Physics Condensed Matter, 2018, 30, 355701.	1.8	11
117	Magnetic reversal in $\text{Sr}_4\text{Ru}_3\text{O}_{10}$ nanosheets probed by anisotropic magnetoresistance. Physical Review B, 2018, 98, .	3.2	11
118	Anisotropic gapping of topological Weyl rings in the charge-density-wave superconductor $\text{InTaSe}_2$ . Science Bulletin, 2021, 66, 243-249.	9.0	11
119	Van der Waals Antiferroelectric Magnetic Tunnel Junction: A First-Principles Study of a $\text{CrSe}_2/\text{CuInP}_2\text{S}_6/\text{CrSe}_2$ Junction. ACS Applied Materials & Interfaces, 2021, 13, 60200-60208.	8.0	11
120	Evolution of superconductivity and ferromagnetism in $\text{Eu}(\text{Fe}_{1-x}\text{Ru}_x)_2\text{As}_2$ . Journal of Physics: Conference Series, 2012, 400, 022038.	0.4	10
121	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.	3.5	10
122	Superconductivity in phosphorus-doped $\text{SmFeAs}$ . Physica C: Superconductivity and Its Applications, 2010, 470, S493-S494.	1.2	9
123	Vortex crossing and trapping in doubly connected mesoscopic loops of a single-crystal type-II superconductor. Physical Review B, 2015, 92, .	3.2	9
124	Giant positive magnetoresistance in $\text{Co@CoO}$ nanoparticle arrays. Journal of Applied Physics, 2009, 105, 063920.	2.5	8
125	A comparative study on the thermoelectric effect of parent oxypnictides $\text{LaTaAsO}$ ( $T = \text{Fe, Ni}$ ). Journal of Physics Condensed Matter, 2010, 22, 072201.	1.8	8
126	Single-crystal superconducting nanowires of $\text{NbSe}_2$ fabricated by reactive plasma etching. Applied Physics Letters, 2014, 104, .	3.3	8



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127	Peculiar properties of the ferromagnetic superconductor $\text{Eu}(\text{Fe}_{0.91}\text{Rh}_{0.09})_2\text{As}_2$ . Superconductor Science and Technology, 2017, 30, 025012.	3.5	8
128	Quantum transport in a compensated semimetal $\text{W}_2\text{As}_3$ with nontrivial topological indices. Physical Review B, 2018, 98, 080401.	3.2	8
129	Enhanced anisotropic superconductivity in the topological nodal-line semimetal $\text{In}_2\text{Z}_2\text{S}_8$ . Physical Review B, 2020, 102, 080401.	3.2	8
130	Ni doping effect and phase diagram of Ni-doped $\text{BaFe}_2\text{As}_2$ . Physica C: Superconductivity and Its Applications, 2010, 470, S447-S448.	1.2	7
131	Structural properties of $\text{BaFe}_{1.8}\text{Ni}_{0.2}\text{As}_2$ under pressure. Physica C: Superconductivity and Its Applications, 2012, 474, 1-4.	1.2	7
132	Two superconducting domes separated by a possible Lifshitz transition in $\text{LaFeAs}_{1-x}\text{PxO}$ . Journal of Applied Physics, 2016, 119, 083903.	2.5	7
133	Superconductivity in a misfit compound $(\text{PbSe})_{1.12}(\text{TaSe})_2$ . Superconductor Science and Technology, 2018, 31, 125010.	3.5	7
134	Superconductivity around quantum critical point in P-doped iron arsenides. Physica C: Superconductivity and Its Applications, 2010, 470, S458-S459.	1.2	6
135	Suppression of T by Zn impurity in the electron-type $\text{LaFe}_{0.925}\text{Co}_{0.075}\text{ZnAsO}$ system. Journal of Physics and Chemistry of Solids, 2011, 72, 410-413.	4.0	6
136	Kramers non-magnetic superconductivity in $\text{LnNiAsO}$ superconductors. Journal of Physics Condensed Matter, 2014, 26, 425701.	1.8	6
137	Role of local structure distortion in the suppression of superconductivity for $\text{Eu}_3\text{-Sr Bi}_2\text{S}_4\text{F}_4$ system. Journal of Alloys and Compounds, 2018, 743, 547-552.	5.5	6
138	Necessary and sufficient criterion for k-separability of N-qubit noisy GHZ states. International Journal of Quantum Information, 2018, 16, 1850037.	1.1	6
139	Relationships between the structural properties and the superconductivity in $\text{Y}_0\text{:}4\text{Pr}_0\text{:}6\text{Ba}_{2-x}\text{Sr}_x\text{Cu}_3\text{O}_{7-\delta}$ ( $x = 0; 1:0$ ). Zeitschrift für Physik B-Condensed Matter, 1997, 103, 29-32.	1.1	5
140	Charge redistribution and local lattice structure of (F, Zn)-codoped $\text{LaFeAsO}$ superconductor. New Journal of Physics, 2012, 14, 033005.	2.9	5
141	Structural feature controlling superconductivity in compressed $\text{BaFe}_2\text{As}_2$ . Journal of Applied Physics, 2014, 115, 083915.	2.5	5
142	Flux-creep activation energy for a $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{As}_2$ single crystal derived from alternating current susceptibility measurements. Journal of Applied Physics, 2016, 119, 163904.	2.5	5
143	Superconductivity in tantalum self-intercalated $4\text{-Hf-Ta}_{1.03}\text{Se}_2$ . Journal of Physics Condensed Matter, 2018, 30, 095703.	1.8	5
144	Heavy fermion quantum criticality at dilute carrier limit in $\text{CeNi}_2\text{As}_2(\text{As}_{1-x}\text{Px})_2$ . Scientific Reports, 2019, 9, 12307.	3.3	5

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145	Full superconducting gap and type-I to type-II superconductivity transition in single crystalline $\text{NbGe}_2$ . Physical Review B, 2021, 103.	3.2	5
146	Anisotropic superconductivity in the topological crystalline metal $\text{PbTaS}_2$ with multiple Dirac fermions. Physical Review B, 2021, 104, .	3.2	5
147	Commensurate Stacking Phase Transitions in an Intercalated Transition Metal Dichalcogenide. Advanced Materials, 2022, 34, e2108550.	21.0	5
148	The Ba-site Pr substitution effects in $\text{YBa}_2\text{Pr}_x\text{Cu}_3\text{O}_7$ system. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1197-1198.	1.2	4
149	Asymmetric modulation of the transverse current effect of charge-density wave in the blue bronze $\text{K}_0.3\text{MoO}_3$ . Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 305, 433-436.	2.1	4
150	Photoinduced charge-density-wave dynamics in $\text{K}_0.3\text{MoO}_3$ . Applied Physics Letters, 2004, 84, 2169-2171.	3.3	4
151	MAGNETORESISTANCE AND HALL EFFECT OF TWO-DIMENSIONAL $2\text{H-NbSe}_2$ . International Journal of Modern Physics B, 2005, 19, 275-279.	2.0	4
152	Superconductivity in Sr and Co co-doped $\text{PrFeAsO}$ . Journal of Physics and Chemistry of Solids, 2011, 72, 434-437.	4.0	4
153	THORIUM-DOPING INDUCED HIGH- $T_c$ SUPERCONDUCTIVITY IN $\text{Dy}_{1-x}\text{Th}_x\text{FeAsO}$ . International Journal of Modern Physics B, 2012, 26, 1250207.	2.0	4
154	On the origin of the two thermally driven relaxations in diluted spin ice $\text{Dy}_{1.6}\text{Y}_{0.4}\text{Ti}_2\text{O}_7$ . Journal of Physics Condensed Matter, 2013, 25, 046005.	1.8	4
155	Enhanced superconductivity in hole-doped $\text{Nb}_2\text{PdS}_5$ . Frontiers of Physics, 2017, 12, 1.	5.0	4
156	Enhanced superconductivity in a misfit compound $(\text{PbSe})_{1.12}(\text{TaSe})_2$ with double $\text{TaSe}_2$ layers. Europhysics Letters, 2019, 128, 17004.	2.0	4
157	Superconductivity in $\text{ThMo}_2\text{Si}_2\text{C}$ with $\text{Mo}_2\text{C}$ square net. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	4
158	Coexistence of superconductivity and antiferromagnetic order in $\text{Er}_2\text{O}_2\text{Bi}$ with anti- $\text{ThCr}_2\text{Si}_2$ structure. Frontiers of Physics, 2021, 16, 1.	5.0	4
159	Multi-band Superconductivity in a misfit layered compound $(\text{SnSe})_{1.16}(\text{NbSe})_2$ . Materials Research Express, 2020, 7, 016002.	1.6	4
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