

# Zhu-An Xu

## List of Publications by Year in descending order

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191  
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191  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Nernst effect above $T_c$ in the quasi-two-dimensional iron pnictide superconductor $\text{CsCaFe}_2\text{As}_2$ . <i>Physical Review B</i> , 2021, 103, .	3.2	4
2	Commensurate Stacking Phase Transitions in an Intercalated Transition Metal Dichalcogenide. <i>Advanced Materials</i> , 2022, 34, e2108550.	21.0	5
3	Two-dimensional superconductivity at the surfaces of $\text{KTaO}_3$ gated with ionic liquid. <i>Science Advances</i> , 2022, 8, .	10.3	19
4	Anisotropic gapping of topological Weyl rings in the charge-density-wave superconductor $\text{InTaSe}_2$ . <i>Science Bulletin</i> , 2021, 66, 243-249.	9.0	11
5	The transport properties of iron-based superconductors. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2021, 70, 017404.	0.5	0
6	Coexistence of Ferroelectricity and Ferromagnetism in One-Dimensional $\text{SbN}$ and $\text{BiN}$ Nanowires. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 13517-13523.	8.0	18
7	Rashba valleys and quantum Hall states in few-layer black arsenic. <i>Nature</i> , 2021, 593, 56-60.	27.8	30
8	Superconductivity in $\text{ThMo}_2\text{Si}_2\text{C}$ with $\text{Mo}_2\text{C}$ square net. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	4
9	Full superconducting gap and type-I to type-II superconductivity transition in single crystalline $\text{NbGe}_2$ . <i>Physical Review B</i> , 2021, 103, .	3.2	5
10	Coexistence of superconductivity and antiferromagnetic order in $\text{Er}_2\text{O}_2\text{Bi}$ with anti- $\text{ThCr}_2\text{Si}_2$ structure. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	4
11	Strong Coupled Magnetic and Electric Ordering in Monolayer of Metal Thio(seleno)phosphates. <i>Chinese Physics Letters</i> , 2021, 38, 077501.	3.3	15
12	Anisotropic superconductivity in the topological crystalline metal $\text{Pb}_3\text{TaS}_7$ with multiple Dirac fermions. <i>Physical Review B</i> , 2021, 104, .	3.2	5
13	Charge density wave and weak Kondo effect in a Dirac semimetal $\text{CeSbTe}$ . <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	16
14	Possible Evidence for Berezinskii-“Kosterlitz”-Thouless Transition in $\text{Ba}(\text{Fe}_{0.914}\text{Co}_{0.086})_2\text{As}_2$ Crystals. <i>Materials</i> , 2021, 14, 6294.	2.9	1
15	Discovery of segmented Fermi surface induced by Cooper pair momentum. <i>Science</i> , 2021, 374, 1381-1385.	12.6	45
16	Intertwining of multiphase charge density waves in $\text{In}$ -intercalated $\text{TaS}_2$ . <i>Physical Review B</i> , 2021, 104, .	5.2	12
17	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. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60200-60208.	8.0	11
18	Tunable Topological Energy Bands in 2D Dialkali-Metal Monoxides. <i>Advanced Science</i> , 2020, 7, 1901939.	11.2	34

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19	Type-I superconductivity in noncentrosymmetric $\text{NbGe}_2$ . Physical Review B, 2020, 102, .	2.2	2
20	Nonvolatile ferroelectric control of topological states in two-dimensional heterostructures. Physical Review B, 2020, 102, .	3.2	28
21	Enhanced anisotropic superconductivity in the topological nodal-line semimetal $\text{In}_x\text{Bi}_{1-x}$ . Physical Review B, 2020, 102, .	3.2	18
22	Antiferromagnetic Kondo lattice compound $\text{Ce}_2\text{O}_2\text{Bi}$ with anti-ThCr $_2\text{Si}_2$ -type structure. Journal of Alloys and Compounds, 2020, 836, 155229.	5.5	3
23	Ferroelectric control of single-molecule magnetism in 2D limit. Science Bulletin, 2020, 65, 1252-1259.	9.0	33
24	Multi-band Superconductivity in a misfit layered compound $(\text{SnSe})_{1.16}(\text{NbSe})_2$ . Materials Research Express, 2020, 7, 016002.	1.6	4
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	Nernst Effect and Phase Fluctuation Picture of High-TC Superconductors. Peking University-World Scientific Advanced Physics Series, 2020, , 207-236.	0.0	0
27	Exploring Topological Superconductivity in Topological Materials. Advanced Quantum Technologies, 2019, 2, 1800112.	3.9	34
28	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
29	Point-contact Andreev reflection spectroscopy on the misfit phase superconductors $(\text{PbSe})_{1.12}(\text{TaSe}_2)$ doped with Cl or Br. Physical Review B, 2019, 99, .	3.2	2
30	Magnetic and transport properties of low-carrier-density Kondo semimetal $\text{CeSbTe}$ . Journal of Physics Condensed Matter, 2019, 31, 355601.	1.8	20
31	Fe-doping induced suppression of the second magnetic transition in $\text{Sr}_4\text{R}_2\text{Mn}_4\text{O}_{12}$ . Physical Review B, 2019, 100, 020407.	3.2	2
32	Anomalous Quantum Metal in a 2D Crystalline Superconductor with Electronic Phase Nonuniformity. Nano Letters, 2019, 19, 4126-4133.	9.1	22
33	Enhanced superconductivity in a misfit compound $(\text{PbSe})_{1.12}(\text{TaSe}_2)_2$ with double $\text{TaSe}_2$ layers. Europhysics Letters, 2019, 128, 17004.	2.0	4
34	Temperature- and Mn <sup>2+</sup> Concentration-Dependent Emission Properties of Mn <sup>2+</sup> -Doped ZnSe Nanocrystals. Journal of the American Chemical Society, 2019, 141, 2288-2298.	13.7	102
35	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
36	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.	13.7	26

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37	Pressure induced superconductivity bordering a charge-density-wave state in NbTe <sub>4</sub> with strong spin-orbit coupling. Scientific Reports, 2018, 8, 6298. Existence of electron and hole pockets and partial gap opening in the correlated semimetal $\text{Ca}_3\text{Ru}_2\text{O}_7$ .	3.3	21
38	Defects controlled hole doping and multivalley transport in SnSe single crystals. Nature Communications, 2018, 9, 47.	3.2	14
39	Superconductivity in tantalum self-intercalated $\text{Ha}_{1.03}\text{TaSe}_2$ . Journal of Physics Condensed Matter, 2018, 30, 095703.	1.8	5
40	Dialkali-Metal Monochalcogenide Semiconductors with High Mobility and Tunable Magnetism. Journal of Physical Chemistry Letters, 2018, 9, 6695-6701.	4.6	17
41	Pressure-induced superconductivity in topological semimetal NbAs <sub>2</sub> . Npj Quantum Materials, 2018, 3, .	5.2	25
42	Spin glass, single-ion and dense Kondo effects in $\text{La}_{1-x}\text{Ce}_x\text{FePO}$ . Europhysics Letters, 2018, 123, 57002.	2.0	1
43	Quantum transport in a compensated semimetal $\text{W}_2\text{As}_3$ with nontrivial topological indices. Physical Review B, 2018, 98, .	3.2	8
44	Superconductivity in a misfit compound $(\text{PbSe})_{1.12}(\text{TaSe})_2$ . Superconductor Science and Technology, 2018, 31, 125010.	3.5	7
45	Precise detection of multipartite entanglement in four-qubit Greenberger-Horne-Zeilinger diagonal states. Frontiers of Physics, 2018, 13, 1.	5.0	11
46	Superconductivity in a misfit layered compound $(\text{SnSe})_{1.16}(\text{NbSe})_2$ . Journal of Physics Condensed Matter, 2018, 30, 355701.	1.8	11
47	Magnetic reversal in Sr <sub>4</sub> Ru <sub>3</sub> O <sub>10</sub> nanosheets probed by anisotropic magnetoresistance. Physical Review B, 2018, 98, .	3.2	11
48	Necessary and sufficient criterion for k-separability of N-qubit noisy GHZ states. International Journal of Quantum Information, 2018, 16, 1850037.	1.1	6
49	Temperature and angular dependence of the upper critical field in $\text{K}_2\text{Cr}_3\text{O}_{10}$ . Physical Review B, 2017, 95, .	3.2	28
50	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
51	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
52	Superconductivity at 35 K by self doping in $\text{RbGd}_2\text{Fe}_4\text{As}_4\text{O}_2$ . Journal of Physics Condensed Matter, 2017, 29, 11LT01.	1.8	24
53	Coexistence of Topological Edge State and Superconductivity in Bismuth Ultrathin Film. Nano Letters, 2017, 17, 3035-3039.	9.1	62

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55	Antiferromagnetic Kondo lattice compound CePt3P. Scientific Reports, 2017, 7, 41853.	3.3	12
56	Enhanced superconductivity in hole-doped Nb2PdS5. Frontiers of Physics, 2017, 12, 1.	5.0	4
57	Matched witness for multipartite entanglement. Quantum Information Processing, 2017, 16, 1.	2.2	14
58	Negative magnetoresistance in Weyl semimetals NbAs and NbP: Intrinsic chiral anomaly and extrinsic effects. Frontiers of Physics, 2017, 12, 1.	5.0	64
59	Enhanced superconductivity in ThNiAsN. Europhysics Letters, 2017, 118, 57004.	2.0	15
60	Magnetic properties of single crystal EuPt2As2. Journal of Alloys and Compounds, 2017, 728, 959-965.	5.5	1
61	A new ferromagnetic superconductor: CsEuFe4As4. Science Bulletin, 2016, 61, 1213-1220.	9.0	53
62	Flux-creep activation energy for a BaFe1.9Ni0.1As2 single crystal derived from alternating current susceptibility measurements. Journal of Applied Physics, 2016, 119, 163904.	2.5	5
63	Giant linear magneto-resistance in nonmagnetic PtBi2. Applied Physics Letters, 2016, 108, .	3.3	25
64	Two superconducting domes separated by a possible Lifshitz transition in LaFeAs1-xPxO. Journal of Applied Physics, 2016, 119, 083903.	2.5	7
65	Superconducting Properties of NdO0.5 F 0.5BiS2 Single Crystals. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1213-1217.	1.8	2
66	Helicity-protected ultrahigh mobility Weyl fermions in NbP. Physical Review B, 2016, 93, .	3.2	168
67	Vortex crossing, trapping, and pinning in superconducting nanowires of a $\text{NbSe}_2$ crystal. Physical Review B, 2016, 93, .	3.2	168
68	Superconductivity and ferromagnetism in hole-doped $\text{RbEuFe}_4\text{As}_{1-x}\text{P}_x\text{O}$ . Physical Review B, 2016, 93, .	3.2	168
69	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
70	A New ZrCuSiAs-Type Superconductor: ThFeAsN. Journal of the American Chemical Society, 2016, 138, 2170-2173.	13.7	63
71	Metal precursor with bi-layer indium for Cu(In,Ga)Se2 thin film preparation. Solar Energy Materials and Solar Cells, 2016, 150, 88-94.	6.2	3
72	Superconductivity in Ta3Pd3Te14 with quasi-one-dimensional PdTe2 chains. Scientific Reports, 2016, 6, 21628.	3.3	15

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73	Cluster spin-glass ground state in quasi-one-dimensional $\text{KCr}_2\text{As}_2$ . Physical Review B, 2015, 91, .	3.2	48
74	Vortex crossing and trapping in doubly connected mesoscopic loops of a single-crystal type-II superconductor. Physical Review B, 2015, 92, .	3.2	9
75	Physical properties and electronic structure of $\text{Sr}_2\text{CrO}_2$ containing $\text{CrO}_2$ . Physical Review B, 2015, 92, .	3.2	27
76	Observation of Fermi Arcs in Non-Centrosymmetric Weyl Semi-Metal Candidate NbP. Chinese Physics Letters, 2015, 32, 107101.	3.3	59
77	Synthesis, crystal structure and physical properties of quasi-one-dimensional $\text{ACr}_3\text{As}_3$ (A = Rb, Cs). Science China Materials, 2015, 58, 543-549.	6.3	29
78	Unconventional superconductivity in quasi-one-dimensional $\text{Rb}_2\text{MnO}_3$ . Physical Review B, 2015, 91, .	3.2	110
79	Coexistence of superconductivity and ferromagnetism in $\text{Sr}_2\text{Cr}_2\text{O}_7$ . Physical Review B, 2015, 91, .	3.2	118
80	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
81	Superconductivity in quasi-one-dimensional $\text{Cs}_2\text{Cr}_3\text{As}_3$ with large interchain distance. Science China Materials, 2015, 58, 16-20.	6.3	132
82	Coexistence of superconductivity and complex $\text{f}$ magnetism in $\text{Eu}_{0.5}\text{Ce}_{0.5}\text{BiS}_2\text{F}$ . Journal of Physics Condensed Matter, 2015, 27, 385701.	1.8	12
83	Superconductivity in Quasi-One-Dimensional $\text{K}_2\text{Cr}_2\text{O}_7$ . Physical Review B, 2015, 91, .	8.9	146
84	Pressure-enhanced superconductivity in $\text{EuS}_4\text{F}$ . Physical Review B, 2014, 90, .	3.2	37
85	$\text{Sr}_{0.9}\text{K}_{0.1}\text{Zn}_{1.8}\text{Mn}_{0.2}\text{As}_2$ : A ferromagnetic semiconductor with colossal magnetoresistance. Europhysics Letters, 2014, 107, 67007.	2.0	11
86	Interface structure of a topological insulator/superconductor heterostructure. New Journal of Physics, 2014, 16, 123043.	2.9	25
87	Structural feature controlling superconductivity in compressed $\text{BaFe}_2\text{As}_2$ . Journal of Applied Physics, 2014, 115, 083915.	2.5	5
88	Pressure-induced phase coexistence in $\text{BaFe}_{1.8}\text{Co}_{0.2}\text{As}_2$ . Journal of Applied Physics, 2014, 115, 143904.	2.5	1
89	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickel-oxypnictide. Nature Materials, 2014, 13, 777-781.	27.5	41
90	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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91	Artificial Topological Superconductor by the Proximity Effect. Physical Review Letters, 2014, 112, .	7.8	226
92	Synthesis of ultrafine green-emitting BaCO <sub>3</sub> nanowires with 18.5 nm-diameter by CO <sub>2</sub> vapor-assisted electrospinning. CrystEngComm, 2014, 16, 964.	2.6	15
93	Single-crystal superconducting nanowires of NbSe <sub>2</sub> fabricated by reactive plasma etching. Applied Physics Letters, 2014, 104, .	3.3	8
94	Possible charge-density wave, superconductivity, and $f$ -electron valence instability in $\text{EuBiS}_2$ . Physical Review B, 2014, 90, .	3.2	112
95	Kramers non-magnetic superconductivity in $\text{LnNiAsO}$ superconductors. Journal of Physics Condensed Matter, 2014, 26, 425701.	1.8	6
96	Magnetic properties of EuCuAs single crystal. Journal of Alloys and Compounds, 2014, 602, 26-31.	5.5	14
97	Relationship between Superconductivity and Antiferromagnetism in $\text{LaFe}(\text{As}_{1-x}\text{P}_x)\text{O}$ Revealed by <sup>31</sup> P-NMR. Journal of the Physical Society of Japan, 2014, 83, 023707.	1.6	27
98	Crystal chemistry and structural design of iron-based superconductors. Chinese Physics B, 2013, 22, 087410.	1.4	43
99	Non-layered wurtzite-type extralarge-area flexible ZnO (011̄,0) paper-like nanostructures grown by electrostatically induced vapor-phase transport. CrystEngComm, 2013, 15, 1179-1184.	2.6	11

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109	Competition of 3d/4f orbitals due to competing conductivity and ferromagnetism in Fe/CoAs layers in Eu(Fe <sub>0.89</sub> Co <sub>0.11</sub> ) <sub>2</sub> As <sub>2</sub> . Journal of Applied Physics, 2013, 113, 013907.	2.5	1
110	Interplay of superconductivity and dâ€”f correlation in CeFeAs <sub>1-x</sub> P <sub>x</sub> O <sub>1-y</sub> F <sub>y</sub> . Chinese Physics B, 2013, 22, 087415.	1.4	1
111	K and Mn co-doped BaCd <sub>2</sub> As <sub>2</sub> : A hexagonal structured bulk diluted magnetic semiconductor with large magnetoresistance. Journal of Applied Physics, 2013, 114, .	2.5	39
112	Sr and Mn co-doped LaCuSO: A wide band gap oxide diluted magnetic semiconductor with <i>TC</i> around 200â€”K. Applied Physics Letters, 2013, 103, .	3.3	45
113	Weakly ferromagnetic metallic state in heavily doped Ba <sub>1-x</sub> K <sub>x</sub> Mn <sub>2</sub> Si <sub>2</sub> As <sub>2</sub> Zn-impurity effect and interplay of	3.2	31
114	and interplay of $A_{\pm}$ and $S$ type CeNi <sub>2</sub> Si <sub>2</sub> As <sub>2</sub> superconductors. Journal of Applied Physics, 2012, 112, 014301.	3.2	21
115	EFFECT OF ZINC IMPURITY AND ITS IMPLICATION TO THE PAIRING SYMMETRY IN IRON-BASED SUPERCONDUCTORS. Modern Physics Letters B, 2012, 26, 1230012.	3.2	20
116	THORIUM-DOPING INDUCED HIGH- <i>T<sub>c</sub></i> SUPERCONDUCTIVITY IN Dy <sub>1-x</sub> Th <sub>x</sub> FeAsO. International Journal of Modern Physics B, 2012, 26, 1250207.	1.9	1
117	Charge redistribution and local lattice structure of (F, Zn)-codoped LaFeAsO superconductor. New Journal of Physics, 2012, 14, 033005.	2.0	4
118	Insulator-to-metal transition and large thermoelectric effect in La <sub>1-x</sub> Sr <sub>x</sub> MnAsO. Europhysics Letters, 2012, 98, 17009.	2.9	5
119	Effect of nonmagnetic zinc impurity on <i>T<sub>c</sub></i> in LaFe <sub>1-x</sub> Zn <sub>x</sub> PO <sub>0.94</sub> F <sub>0.06</sub> superconductors. AIP Advances, 2012, 2, 041406.	2.0	27
120	Coexistence of superconductivity and ferromagnetism in iron pnictides. Journal of Physics: Conference Series, 2012, 391, 012123.	1.3	0
121	Morphological diversity and alternate evolution in tin-assisted vapor-transport-grown ZnO micro-nanocrystal tetrapods. CrystEngComm, 2012, 14, 7800.	0.4	13
122	Exciton quenching and ferromagnetism-to-ferrimagnetism crossover in diluted magnetic semiconducting Zn <sub>1-x</sub> CoxO nanogranular nanofibers. CrystEngComm, 2012, 14, 525-532.	2.6	15
123	Evolution of superconductivity and ferromagnetism in Eu(Fe <sub>1-x</sub> Ru <sub>x</sub> ) <sub>2</sub> As <sub>2</sub> . Journal of Physics: Conference Series, 2012, 400, 022038.	2.6	21
124	Ba <sub>2</sub> Ti <sub>2</sub> Fe <sub>2</sub> As <sub>4</sub> O: A New Superconductor Containing Fe <sub>2</sub> As <sub>2</sub> Layers and Ti <sub>2</sub> O Sheets. Journal of the American Chemical Society, 2012, 134, 12893-12896.	0.4	10
125	The Coexistence of Superconductivity and Topological Order in the Bi <sub>2</sub> Se <sub>3</sub> Thin Films. Science, 2012, 336, 52-55.	13.7	71
126		12.6	462



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127	Structural properties of BaFe <sub>1.8</sub> Ni <sub>0.2</sub> As <sub>2</sub> under pressure. Physica C: Superconductivity and Its Applications, 2012, 474, 1-4.	1.2	7
128	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. CrystEngComm, 2011, 13, 6964.	2.6	34
129	Superconductivity in Sr and Co co-doped PrFeAsO. Journal of Physics and Chemistry of Solids, 2011, 72, 434-437.	4.0	4
130	Chemical pressure effect in CeFeAs <sub>1-x</sub> P <sub>0.95</sub> F <sub>0.05</sub> . Journal of Physics and Chemistry of Solids, 2011, 72, 430-433.	4.0	1
131	Suppression of T <sub>c</sub> by Zn impurity in the electron-type LaFe <sub>0.925</sub> Co <sub>0.075</sub> ZnAsO system. Journal of Physics and Chemistry of Solids, 2011, 72, 410-413.	4.0	6
132	CeNiAsO: an antiferromagnetic dense Kondo lattice. Journal of Physics Condensed Matter, 2011, 23, 175701.	1.8	15
133	Anisotropic superconductivity in Eu(Fe <sub>0.75</sub> Ru <sub>0.25</sub> ) <sub>2</sub> As <sub>2</sub> ferromagnetic superconductor. Europhysics Letters, 2011, 95, 67007.	2.0	56
134	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
135	Superconductivity and ferromagnetism in EuFe <sub>2</sub> (As <sub>1-x</sub> P <sub>x</sub> ) <sub>2</sub> . Journal of Physics Interplay of Superconductivity and Ferromagnetism in CeFeAs <sub>4</sub> magnetism	1.8	50
136	display="inline"><math>f</math> magnetism in CeFeAs <sub>4</sub> magnetism	3.2	17
137	display="inline"><math>P</math> studied by	3.2	38
138	Superconductivity in phosphorus-doped <math>SmFeAs</math> studied by	1.2	9
139	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
140	Experimental evidence of coupling interaction between charge ordering and spin ordering. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1255-1260.	5.1	0
141	Magnetic properties of cobalt-based oxypnictide SmCoAsO. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1194-1198.	5.1	3
142	Ni doping effect and phase diagram of Ni-doped <math>BaFe</math> <math>2</math>	1.2	7
143	Superconductivity around quantum critical point in P-doped iron arsenides. Physica C: Superconductivity and Its Applications, 2010, 470, S447-S448.	1.2	6
144	Emergent order in the spin-frustrated system <math>Dy</math>	3.2	12

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145	Self-doping effect and successive magnetic transitions in superconducting $\text{Sr}^{2-x}\text{La}_x\text{FeAsO}$ . Physical Review B, 2010, 82, .	3.2	46
146	Competing Ferromagnetism and Superconductivity on FeAs Layers in $\text{EuFe}_2(\text{As}_{0.73}\text{P}_{0.27})_2$ . Physical Review Letters, 2010, 105, 207003.	7.8	27
147	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
148	A comparative study on the thermoelectric effect of parent oxypnictides $\text{LaTAsO}$ (T = Fe, Ni). Journal of Physics Condensed Matter, 2010, 22, 072201.	1.8	8
149	Phase diagram of $\text{CeFeAs}_{1-x}\text{La}_x$ from electrical resistivity, magnetization, and specific heat measurements. Physical Review B, 2010, 81, .	1.9	15
150	$\text{La}_2\text{Co}_2\text{Se}_2\text{O}_3$ : 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
151	Magnetic ordering and dense Kondo behavior in $\text{EuFe}^{2-x}\text{La}_x$ . Physical Review B, 2010, 82, .	3.2	49
152	Transport, magnetic, and $^{57}\text{Fe}$ and $^{155}\text{Gd}$ Mössbauer spectroscopic properties of $\text{GdFeAsO}_{0.84}\text{Th}_{0.16}\text{FeAsO}$ . Journal of Physics Condensed Matter, 2010, 22, 145701.	1.8	15
153	Spin gap and magnetic resonance in superconducting $\text{BaFe}^{2-x}\text{La}_x$ . Physical Review B, 2009, 79, .	3.2	63
154	Narrow superconducting window in $\text{LaFe}_{1-x}\text{Ni}_x\text{AsO}$ . Physical Review B, 2009, 79, .	3.2	80
155	Effects of cobalt doping and phase diagrams of $\text{LaFe}_{1-x}\text{Co}_x\text{AsO}$ .		

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163	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
164	Superconductivity up to 30 K in the vicinity of the quantum critical point in BaFe <sub>2</sub> (As <sub>1-x</sub> I <sub>x</sub> ) <sub>2</sub> P <sub>2</sub> . Journal of Physics Condensed Matter, 2009, 21, 382203.	1.8	262
165	Magneto-thermopower of parent compound LaFeAsO. Frontiers of Physics in China, 2009, 4, 455-458.	1.0	2
166	Metal-insulator transition in. Physica B: Condensed Matter, 2009, 404, 52-54. Superconductivity Induced by Phosphorus Doping and Its Coexistence with Ferromagnetism	2.7	2
167	in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>EuFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo stretchy="false"></mml:mo><mml:msub><mml:mi>As</mml:mi><mml:mn>0.7</mml:mn></mml:msub><mml:msub><mml:mi>Tj ETQq1</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:math>	2.5	8
168	Giant positive magnetoresistance in Co@CoO nanoparticle arrays. Journal of Applied Physics, 2009, 105, 063920. Evidence of magnetically driven structural phase transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:mtext>FeAsO</mml:mtext></mml:mrow></mml:math> (<mml:math></mml:math> Tj ETQq1</mml:math>	2.5	8
169	Thorium-doping-induced superconductivity up to 56%K in Gd <sub>1-x</sub> Th <sub>x</sub> FeAsO. Europhysics Letters, 2008, 83, 67006.	2.0	576
171	Superconductivity above 50 K in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Tb</mml:mtext></mml:mrow></mml:msub><mml:mrow><mml:msub><mml:mi>Ru</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>	3.2	3
172	Antiferromagnetic transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuFe</mml:mtext></mml:mrow></mml:msub><mml:mn>2</mml:mn></mml:mrow></mml:math> A possible parent compound for superconductors. Physical Review B, 2008, 78, .	3.2	14
173	Stabilization of cobalt oxyhydrate superconductor. Chemical Communications, 2008, , 2155.	4.1	2
174	Band-Dependent Normal-State Coherence in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Ru</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:msub><mml:mi>O</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:mrow></mml:math> Evidence from Nernst Effect and Thermopower Measurements. Physical Review Letters, 2008, 101, 057002.	3.2	3
175	Upper critical field of an aligned Na <sub>x</sub> (H <sub>3</sub> O) <sub>z</sub> CoO <sub>2</sub> ·yH <sub>2</sub> O superconductor from magnetization measurements. Physical Review B, 2007, 76, .	3.2	14
176	Magnetic, electrical transport, and thermoelectric properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>Ru</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>O</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:mrow></mml:math>	3.2	14
177	Evidence for a field-induced electronic phase transition at low temperatures. Physical Review B, 2007, Te Substitution Effect in Low-Dimensional Superconductor NbSe <sub>2-x</sub> Te <sub>x</sub> (x = 0,) Tj ETQq1</mml:math>	1.0	0
178	The vortex-like excitations detected by Nernst signals in high-T <sub>c</sub> superconductors. Frontiers of Physics in China, 2006, 1, 344-350.	1.0	0
179	The effect of a charge-density wave transition on the transport properties of 2H-NbSe <sub>2</sub> . Journal of Physics Condensed Matter, 2005, 17, 493-498.	1.8	24
180	MAGNETORESISTANCE AND HALL EFFECT OF TWO-DIMENSIONAL 2H-NbSe <sub>2</sub> . International Journal of Modern Physics B, 2005, 19, 275-279.	2.0	4

#	ARTICLE	IF	CITATIONS
181	Photoinduced charge-density-wave dynamics in $KO_3MoO_3$ . Applied Physics Letters, 2004, 84, 2169-2171.	3.3	4
182	Structure, Phonon Vibration, and Spin Correlation of $LaBa_2Cu_{3-x}Co_xO_y$ . Journal of Superconductivity and Novel Magnetism, 2004, 17, 469-472.	0.5	0
183	Effect of magnetic field on the thermoelectric power in the quasi-one-dimensional metal $NbSe_3$ . Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 327, 221-225.	2.1	0
184	Effect of magnetic field on the thermoelectric power in the quasi-one-dimensional metal $NbSe_3$ . Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 327, 221-221.	2.1	0
185	The magnetoresistance of the quasi-one-dimensional conductor $NbSe_3$ . Journal of Physics Condensed Matter, 2003, 15, 5353-5358.	1.8	14
186	Superconductivity in a layered cobalt oxyhydrate $Na_{0.31}CoO_2 \cdot 1.3H_2O$ . Journal of Physics Condensed Matter, 2003, 15, L519-L525.	1.8	27
187	Asymmetric modulation of the transverse current effect of charge-density wave in the blue bronze $KO_3MoO_3$ . Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 305, 433-436.	2.1	4
188	Transport and Electronic Properties of $Y_{0.4}Pr_{0.6}Ba_{2-y}Sr_yCu_3O_{7-\delta}$ ( $y=0,1.0$ ). International Journal of Modern Physics B, 1997, 11, 3455-3460.	2.0	0
189	Relationships between the structural properties and the superconductivity in $Y_{0.4}Pr_{0.6}Ba_{2-x}Sr_xCu_3O_{7-\delta}$ ( $x = 0;1.0$ ). Zeitschrift für Physik B-Condensed Matter, 1997, 103, 29-32.	1.1	5
190	The Ba-site Pr substitution effects in $YBa_{2-x}Pr_xCu_3O_{7-\delta}$ system. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1197-1198.	1.2	4
191	STUDY ON THE SUPERCONDUCTIVITY IN $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ . Modern Physics Letters B, 1996, 10, 1477-1482.	1.9	1