

Kunihiro Kihou

List of Publications by Year in descending order

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154
papers

5,910
citations

76031

42
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90395

73
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all docs

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docs citations

158
times ranked

3581
citing authors

#	ARTICLE	IF	CITATIONS
1	Elastoresistivity of Heavily Hole-Doped 122 Iron Pnictide Superconductors. <i>Frontiers in Physics</i> , 2022, 10, .	1.0	0
2	Thermoelectric properties of yttrium-doped $\text{Mg}_3(\text{Sb,Bi})_2$ synthesized by melting method. <i>Journal of Materials Research and Technology</i> , 2021, 10, 438-444.	2.6	11
3	State with spontaneously broken time-reversal symmetry above the superconducting phase transition. <i>Nature Physics</i> , 2021, 17, 1254-1259.	6.5	41
4	Oxygen Deficiency Dependence of Pressure Effects on Superconducting Critical Temperatures of Perovskite-related Mixed-anion Layered Compound $\text{Sr}_2\text{VFeAsO}_3\hat{\sim}\hat{\sim}$. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 114712.	0.7	0
5	Thermoelectric properties of $\text{NaZn}_4\text{CuAs}_3$ crystalized in the rhombohedral structure. <i>Journal of Solid State Chemistry</i> , 2020, 291, 121588.	1.4	1
6	Thermoelectric Properties of $\text{La}_{1-x}\text{Sr}_x\text{ZnAsO}$. <i>Journal of Electronic Materials</i> , 2020, 49, 6715-6720.	1.0	1
7	Elastoresistance measurements on CaKFe_4 and KC_2 . <i>Physical Review B</i> , 2020, 102, .	1.1	14
8	Superconductivity with broken time-reversal symmetry inside a superconducting s-wave state. <i>Nature Physics</i> , 2020, 16, 789-794.	6.5	59
9	Thermoelectric Properties of $(\text{Ba,K})\text{Zn}_2\text{As}_2$ Crystallized in the ThCr_2Si_2 -type Structure. <i>Inorganic Chemistry</i> , 2020, 59, 5828-5834.	1.9	13
10	Effect of partial Yb filling on thermoelectric properties of skutterudite compound RhSb_3 . <i>Japanese Journal of Applied Physics</i> , 2019, 58, 081006.	0.8	5
11	Anomalous peak effect in iron-based superconductors $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ ($x \hat{\sim} 0.69$ and 0.76) for magnetic-field directions close to the ab plane and its possible relation to the spin paramagnetic effect. <i>Physical Review B</i> , 2019, 99, .	1.1	5
12	Orbital-anisotropic electronic structure in the nonmagnetic state of $\text{BaFe}_2(\text{As}_1\hat{\sim}\text{P}_x)_2$ superconductors. <i>Scientific Reports</i> , 2018, 8, 2169.	1.6	9
13	Mass Enhancements and Band Shifts in Strongly Hole-Overdoped Fe-Based Pnictide Superconductors: KFe_2As_2 and CsFe_2As_2 . <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 777-783.	0.8	6
14	Superconductivity in a New 1144-Type Family of $(\text{La,Na})\text{AFe}_4\text{As}_4$ ($A = \text{Rb}$ or Cs). <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 868-873.	2.1	19
15	Thermoelectric properties of $(\text{Ba,K})\text{Cd}_2\text{As}_2$ crystalized in the CaAl_2Si_2 -type structure. <i>Dalton Transactions</i> , 2018, 47, 16205-16210.	1.6	19
16	Thermoelectric properties of partially filled skutterudites $\text{R}_x\text{Co}_4\text{Sb}_{12}$ ($\text{R} = \text{Ce}$ and Nd) synthesized under high pressures. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 125506.	0.8	10
17	Anisotropic $\text{Gr}^{1/4}$ neisen Parameter and Diverse Order Parameter Fluctuations in Iron-Based Superconductor $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 074710.	0.7	15
18	Superconducting state in $(\text{Eu}_{1-x}\text{Ca}_x)\text{RbFe}_4\text{As}_4$ with 1144-type Structure. <i>Journal of Physics: Conference Series</i> , 2018, 969, 012027.	0.3	9

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19	Thermoelectric Properties of As-Based Zintl Compounds Ba _{1-x} K _x Zn ₂ As ₂ . Inorganic Chemistry, 2017, 56, 3709-3712.	1.9	22
20	Unusual nodal behaviors of the superconducting gap in the iron-based superconductor Ba _{1-x} K _x Zn ₂ As ₂ . Physical Review B, 2016, 94, 040501.	1.1	2
21	Anisotropic resonance modes emerging in an antiferromagnetic superconducting state. Scientific Reports, 2017, 7, 10307.	1.6	13
22	Superconductivity with broken time-reversal symmetry in ion-irradiated Ba _{1-x} K _x Zn ₂ As ₂ . Physical Review B, 2016, 94, 040501.	1.1	42
23	Antiferroic electronic structure in the nonmagnetic superconducting state of the iron-based superconductors. Science Advances, 2017, 3, e1700466.	4.7	17
24	Superconductivity in Fe-Based Compound EuAFe ₄ As ₄ (A = Rb and Cs). Journal of the Physical Society of Japan, 2016, 85, 064710.	0.7	68
25	Suppression of spin-exciton state in hole overdoped iron-based superconductors. Scientific Reports, 2016, 6, 23424.	1.6	15
26	Simultaneous evidence for Pauli paramagnetic effects and multiband superconductivity in KFe ₂ As ₂ by small-angle neutron scattering studies of the vortex lattice. Physical Review B, 2016, 93, .	1.1	6
27	Single-Crystal Growth of Ba _{1-x} K _x Fe ₂ As ₂ by KAs Self-Flux Method. Journal of the Physical Society of Japan, 2016, 85, 034718.	0.7	20
28	Spin excitations in hole-overdoped iron-based superconductors. Scientific Reports, 2016, 6, 33303.	1.6	14
29	Absence of superconductivity in the collapsed tetragonal phase of KFe ₂ As ₂ . Physical Review B, 2016, 94, 040501.	1.1	12
30	New-Structure-Type Fe-Based Superconductors: Ca _{1-x} A _x Fe ₄ As ₄ (A = Tl, Pb, Bi, Sb, Sn, In, Ga, Al, Ga, In, Sn, Pb, Bi, Tl). Journal of the Physical Society of Japan, 2016, 85, 034718.	6.6	228
31	In-plane electronic anisotropy in the antiferromagnetic orthorhombic phase of isovalent-substituted Ba _{1-x} K _x Zn ₂ As ₂ . Physical Review B, 2015, 92, .	1.1	7
32	Identifying the 'fingerprint' of antiferromagnetic spin fluctuations in iron pnictide superconductors. Nature Physics, 2015, 11, 177-182.	6.5	35
33	Synthesis, structure, and phase diagram of (Sr _{1-x} Na _x)Fe ₂ As ₂ superconductors. Superconductor Science and Technology, 2015, 28, 062001.	1.8	17
34	Orbital character and electron correlation effects on two- and three-dimensional Fermi surfaces in KFe ₂ As ₂ revealed by angle-resolved photoemission spectroscopy. Frontiers in Physics, 2014, 2, .	1.0	39
35	Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for BaFe ₂ As ₂ -Related Compounds. Journal of the Physical Society of Japan, 2014, 83, 104703.	0.7	24
36	Anisotropic magnetic form factor in a detwinned single crystal of BaFe ₂ As ₂ . Physical Review B, 2014, 90, .	1.1	1

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37	Anisotropy of incommensurate magnetic excitations in slightly overdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ superconductor from laser angle-resolved photoemission spectroscopy. Physical Review B, 2014, 90, .	1.1	22
38	Evidence of a universal relation between electron-mode coupling and T_c in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ superconductor from laser angle-resolved photoemission spectroscopy. Physical Review B, 2014, 90, .	1.1	5
39	Electronic structure of BaNi_2 by angle-resolved photoemission spectroscopy. Physical Review B, 2014, 89, .	1.1	1
40	Two distinct superconducting states in KFe_2As_2 under high pressure. Physical Review B, 2014, 89, .	1.1	24
41	Superconductivity at the highest transition temperature of 8.1 K in a simple cubic $\text{Au}_{1-x}\text{Sb}_x\text{Te}_y$ alloy system: Evidence for excluding the possibility of d -wave superconducting-gap symmetry in Ba-doped KFe_2As_2 . Superconductor Science and Technology, 2014, 27, 025005.	1.8	4
42	d -wave superconducting-gap symmetry in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ superconductor. Physical Review B, 2014, 89, .	1.1	39
43	Pseudogap formation above the superconducting dome in iron pnictides. Physical Review B, 2014, 89, .	1.1	77
44	Superconductivity at 4.4 K in Ba_2Bi_3 . Superconductor Science and Technology, 2014, 27, 072001.	1.8	8
45	Thermodynamic Study of Nodal Structure and Multiband Superconductivity of KFe_2As_2 . Journal of the Physical Society of Japan, 2014, 83, 013704. Doping evolution of the quasiparticle excitations in heavily hole-doped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ superconductor. Physical Review B, 2014, 89, .	0.7	25
46	d -wave superconducting-gap symmetry in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ superconductor. Physical Review B, 2014, 89, .	1.1	41
47	d -wave superconducting-gap symmetry in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ superconductor. Physical Review B, 2014, 89, .	1.1	12
48	In-situ observation of synthesizing process of $\text{Mm}_x\text{Co}_4\text{Sb}_{12}$ utilizing x-ray diffraction under high temperatures and high pressures. Journal of Physics: Conference Series, 2014, 502, 012017.	0.3	4
49	Normal-state charge dynamics in doped BaFe_2As_2 : Roles of doping and necessary ingredients for superconductivity. Scientific Reports, 2014, 4, 5873.	1.6	48
50	Anisotropy of the superconducting gap in the iron-based superconductor $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$. Scientific Reports, 2014, 4, 7292.	1.6	25
51	Fermi surface in KFe_2As_2 superconductor determined via de Haas-van Alphen oscillation. Physical Review B, 2014, 89, .	1.1	49
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55	Critical current density and vortex dynamics in pristine and proton-irradiated (Ba,K)Fe ₂ As ₂ . Physica C: Superconductivity and Its Applications, 2013, 494, 106-108.	0.6	35
56	Discovery of the Ca ₄ Al ₂ O ₆ Fe ₂ Pn ₂ α -Al-42622(Pn) and Ca ₃ Al ₂ O ₅ Fe ₂ Pn ₂ α -Al-32522(Pn) (Pn=As, P) superconductors. Physica C: Superconductivity and Its Applications, 2013, 484, 12-15.	0.6	6
57	Effect of Doping on the Magnetostructural Ordered Phase of Iron Arsenides: A Comparative Study of the Resistivity Anisotropy in Doped BaFe ₂ As ₂ with Doping into Three Different Sites. Journal of the American Chemical Society, 2013, 135, 3158-3163.	6.6	43
58	Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-Based Superconductors. Physical Review Letters, 2013, 110, 107007.	2.9	73
59	Effects of Zn substitution on the electronic structure of BaFe ₂ As ₂ revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2013, 87, .	1.1	10
60	Anisotropy of the In-Plane Resistivity of Underdoped Ba _{1-x} Co _x Fe ₂ As ₂ Superconductors. Physical Review Letters, 2013, 110, 207001.	2.9	65
61	Strange Inter-Layer Properties of Ba _{1-x} Co _x Fe ₂ As ₂ Appearing in Ultrasonic Measurements. Journal of the Physical Society of Japan, 2013, 82, 114604.	0.7	20
62	Publisher's Note: Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-based Superconductors [Phys. Rev. Lett. 110 (2013)]. Physical Review Letters, 2013, 110, .	2.9	5
63	Universality of the Dispersive Spin-Resonance Mode in Superconducting BaFe ₂ As ₂ . Physical Review Letters, 2013, 111, 167002.	2.9	24
64	Hysteretic superconducting resistive transition in Ba _{0.07} K _{0.93} Fe ₂ As ₂ . Physical Review B, 2013, 87, .	1.1	24
65	Splitting of Resonance Excitations in Nearly Optimally Doped Ba _{1-x} Co _x Fe ₂ As ₂ . Physical Review Letters, 2013, 110, 137001.	1.1	15
66	An Inelastic Neutron Scattering Study with Polarization As. Physical Review Letters, 2013, 110, 137001. Enhanced high-field transport critical current densities observed for ex situ PIT processed Ag/(Ba, K)Fe ₂ As ₂ thin tapes. Superconductor Science and Technology, 2013, 26, 065003.	1.8	19
67	Quantum oscillations in iron-based superconductors: BaFe ₂ As ₂ vs. KFe ₂ As ₂ . Journal of Physics: Conference Series, 2013, 449, 012022.	0.3	2
68	Structural Quantum Criticality and Superconductivity in Iron-Based Superconductor Ba _{1-x} Co _x Fe ₂ As ₂ . Journal of the Physical Society of Japan, 2012, 81, 024604.	0.7	177
69	Electronic reconstruction through the structural and magnetic transitions in detwinned NaFeAs. New Journal of Physics, 2012, 14, 073019.	1.2	87
70	Octet-Line Node Structure of Superconducting Order Parameter in KFe ₂ As ₂ . Science, 2012, 337, 1314-1317.	6.0	215
71	Effect of Co Doping on the In-Plane Anisotropy in the Optical Spectrum of Underdoped Ba _{1-x} Co _x Fe ₂ As ₂ . Physical Review Letters, 2013, 110, 137001.	2.9	65
72	Abrupt change in the energy gap of superconducting Ba _{1-x} K _x Fe ₂ As ₂ . Physical Review Letters, 2013, 110, 137001.	1.1	56

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73	Inverse-photoemission spectroscopy of iron-based superconductors NdFeAsO_{1-x} and $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Journal of Physics: Conference Series, 2012, 391, 012137.	0.3	0
74	Elastic Anomalies Associated with superconducting phase transitions in Iron-based Superconductor $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Journal of Physics: Conference Series, 2012, 400, 022037.	0.3	0
75	Magnetic Penetration Depth in the FeAs-Based Superconductor KFe_2As_2 . Journal of the Physical Society of Japan, 2012, 81, SB046.	0.7	2
76	Flux-line lattice state in FeAs-based superconductor KFe_2As_2 . Journal of Physics: Conference Series, 2012, 400, 022087.	0.3	2
77	Study of Neutron Diffraction on $154\text{SmRu}_4\text{P}_{12}$ Single Crystal. Journal of the Physical Society of Japan, 2012, 81, 063702.	0.7	13
78	NMR study of hole-doped iron-pnictide superconductor $\text{Ba}(\text{Fe}_{1-x}\text{K}_x)_2\text{As}_2$ ($x = 0.27$). Journal of Physics: Conference Series, 2012, 400, 022026.	0.3	1
79	Growth of $\text{BaFe}_2(\text{As}_{1-x}\text{P}_x)_2$ Single Crystals ($0 \leq x \leq 1$) by $\text{Ba}_2\text{As}_3/\text{Ba}_2\text{P}_3$ -Flux Method. Journal of the Physical Society of Japan, 2012, 81, 104710.	0.7	54
80	Universal Heat Conduction in the Iron Arsenide Superconductor KFe_2As_2 . Evidence of a d-wave state. Physical Review Letters, 2012, 109, 077001.	2.9	155
81	Potential Antiferromagnetic Fluctuations in Hole-Doped Iron-Pnictide Superconductor $\text{Ba}(\text{Fe}_{1-x}\text{K}_x)_2\text{As}_2$ Studied by ^{75}As Nuclear Magnetic Resonance Measurement. Journal of the Physical Society of Japan, 2012, 81, 054704.	0.7	47
82	Disappearance of Superconductivity in the Solid Solution between $(\text{Ca}_4\text{Al}_2\text{O}_6)(\text{Fe}_2\text{As}_2)$ and $(\text{Ca}_4\text{Al}_2\text{O}_6)(\text{Fe}_2\text{P}_2)$ Superconductors. Journal of the American Chemical Society, 2012, 134, 15181-15184.	6.6	9
83	From d-wave to s-wave pairing in the iron-pnictide superconductor $(\text{Ba},\text{K})\text{Fe}_2\text{As}_2$. Superconductor Science and Technology, 2012, 25, 084013.	1.8	50
84	Anisotropic Energy Gaps of Iron-Based Superconductivity from Intraband Quasiparticle Interference in LiFeAs . Science, 2012, 336, 563-567.	6.0	151
85	Large elastic anomalies and strong electron-lattice coupling in iron-based superconductor $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Solid State Communications, 2012, 152, 680-687.	0.9	5
86	Relationship between crystal structure and superconductivity in iron-based superconductors. Solid State Communications, 2012, 152, 644-648.	0.9	69
87	Angle-resolved photoemission study on the superconducting iron-pnictides of $\text{BaFe}_2(\text{As},\text{P})_2$ with low energy photons. Solid State Communications, 2012, 152, 695-700.	0.9	8
88	Emergence of Superconductivity in $\text{Ca}_3\text{Al}_2\text{O}_5(\text{Fe}_2\text{Pn})_2$ ($\text{Pn} = \text{As}$ and Tl) Structure of $\text{Ca}_3\text{Al}_2\text{O}_5(\text{Fe}_2\text{Pn})_2$ ($\text{Pn} = \text{As}$ and Tl) Studied by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2011, 107, 166402.	1.1	53
89	Gap in KFe_2As_2 Studied by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2011, 107, 166402.	1.1	53
90	Cyclotron Resonance and Mass Enhancement by Electron Correlation in KFe_2As_2 Studied by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2011, 107, 166402.	2.9	12

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91	Pressure and K doping induced superconductivity in BaFe_2As_2 . Journal of Physics: Conference Series, 2011, 273, 012096.	0.3	1
92	Stabilization of ErFeAsO -based superconductor by hydrogen doping under high pressure. Physica C: Superconductivity and Its Applications, 2011, 471, 597-599.	0.6	0
93	Superconducting gap in iron pnictides studied by optical spectroscopy. Journal of Physics and Chemistry of Solids, 2011, 72, 511-513.	1.9	3
94	Fermi surfaces and quasi-particle band dispersions of the iron pnictides superconductor KFe_2As_2 observed by angle-resolved photoemission spectroscopy. Journal of Physics and Chemistry of Solids, 2011, 72, 465-468.	1.9	45
95	Effects of uniaxial pressure and annealing on the resistivity of $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Journal of Physics and Chemistry of Solids, 2011, 72, 418-419.	1.9	24
96	NMR/NQR and Specific Heat Studies of Iron Pnictide Superconductor KFe_2As_2 . Journal of the Physical Society of Japan, 2011, 80, SA118.	0.7	25
97	Complete Fermi Surface in BaFe_2As_2 via Shubnikov-de Haas Oscillation Measurements on Detwinned Single Crystals. Physical Review Letters, 2011, 107, 176402.	2.9	83
98	Incommensurate Spin Fluctuations in Hole-Overdoped Superconductor KFe_2As_2 . Physical Review Letters, 2011, 106, 067003.	2.9	74
99	Angle-resolved photoemission spectroscopy study of $\text{PrFeAsO}_{0.7}$: Comparison with LaFePO . Physical Review B, 2011, 84, .	1.1	23
100	Manifestations of multiple-carrier charge transport in the magnetostructurally ordered phase of BaFe_2As_2 . Physical Review B, 2011, 84, .	1.1	72
101	Unprecedented anisotropic metallic state in undoped iron arsenide BaFe_2As_2 revealed by optical spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12238-12242.	3.3	173
102	^{75}As -NMR study of the iron pnictide BaFe_2As_2 under high pressure. Journal of Physics: Conference Series, 2010, 215, 012041.	0.3	4
103	Fermi Surface and Mass Enhancement in KFe_2As_2 from de Haas-van Alphen Effect Measurements. Journal of the Physical Society of Japan, 2010, 79, 053702.	0.7	95
104	Effect of K Doping on Phonons in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. Journal of the Physical Society of Japan, 2010, 79, 014714.	0.7	13
105	Inverse isotope effect in iron-based superconductor. Physica C: Superconductivity and Its Applications, 2010, 470, S291-S293.	0.6	2
106	De Haas-van Alphen oscillations in KFe_2As_2 . Physica C: Superconductivity and Its Applications, 2010, 470, S351-S352.	0.6	2
107	Optical response of FeAs -based compounds. Physica C: Superconductivity and Its Applications, 2010, 470, S326-S327.	0.6	4
108	^{75}As -NMR study of hole-doped iron-based superconductor $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. Physica C: Superconductivity and Its Applications, 2010, 470, S464-S465.	0.6	2

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109	Iron isotope effect on T in optimally-doped (Ba,K)Fe ₂ As ₂ (T= 38 K) and SmFeAsO _{1-y} (T= 54 K) superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, 986-988.	0.6	2
110	Possible hydrogen doping and enhancement of T _c (=35 K) in a LaFeAsO-based superconductor. Applied Physics Letters, 2010, 96, 072514.	1.5	35
111	Absence of an Appreciable Iron Isotope Effect on the Transition Temperature of the Optimally Doped SmFeAsO_{1-y} . Physical Review Letters, 2010, 105, 037004.	2.9	40
112	Superconductivity at 28.3 and 17.1 K in (Ca ₄ Al ₂ O ₆) _y (Fe ₂ Pn ₂) (Pn=As and P). Applied Physics Letters, 2010, 97, 172506.	1.5	58
113	Comment on "Quantum Criticality and Nodal Superconductivity in the FeAs-Based Superconductor KFeAs_2 ". Physical Review Letters, 2010, 104, 259701; author reply 259702.	2.9	18
114	Evolution of the optical spectrum with doping in $\text{Ba}_{1-x}\text{K}_x\text{FeAs}_2$. Physical Review B, 2010, 81, .	1.1	125
115	Thermoelectric properties of LaFeAsO _{1-y} at low temperature. Journal of Applied Physics, 2010, 108, 033703.	1.1	8
116	Quasi-Two-Dimensional Fermi Surfaces and Coherent Interlayer Transport in KFeAs_2 . Physical Review Letters, 2010, 105, 246403.	2.9	13
117	Evidence for superconducting gap nodes in the zone-centered hole bands of KFeAs_2 magnetic penetration-depth measurements. Physical Review B, 2010, 82, .	1.1	172
118	Synthesis of ErFeAsO-based superconductors by the hydrogen doping method. Europhysics Letters, 2010, 92, 57011.	0.7	9
119	Observation of Softened Fe Modes in K-Doped BaFe ₂ As ₂ via ⁵⁷ Fe Nuclear Resonant Inelastic Scattering. Journal of the Physical Society of Japan, 2010, 79, 013706.	0.7	7
120	Appearance of pressure-induced superconductivity in BaFeAs_2 under hydrostatic conditions and its extremely high sensitivity to uniaxial stress. Physical Review B, 2010, 81, .	1.1	94
121	Single Crystal Growth and Characterization of the Iron-Based Superconductor KFeAs_2 Synthesized by KAs Flux Method. Journal of the Physical Society of Japan, 2010, 79, 124713.	0.7	117
122	Synthesis of LnFeAsO _{1-y} superconductors (Ln=La and Nd) using the high-pressure technique. New Journal of Physics, 2009, 11, 045002.	1.2	5
123	Possible Multiple Gap Superconductivity with Line Nodes in Heavily Hole-Doped Superconductor KFeAs_2 Studied by ⁷⁵ As Nuclear Quadrupole Resonance and Specific Heat. Journal of the Physical Society of Japan, 2009, 78, 083712.	0.7	131
124	Superconductivity above 50 K in LnFeAsO_{1-y} (Ln = Nd, Sm, Gd, Tb, and Tm). Physical Review Letters, 2009, 103, 077001.	0.7	97
125	Three-Dimensional Electronic Structure of Superconducting Iron Pnictides Observed by Angle-Resolved Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2009, 78, 123706.	0.7	62
126	High-pressure synthesis and physical properties of new iron (nickel)-based superconductors. Physica C: Superconductivity and Its Applications, 2009, 469, 355-369.	0.6	39

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127	Isotope Iron Isotope Effect on the Transition Temperature of the $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ (T _c = 75 K) Superconductor. <i>Physical Review Letters</i> , 2007, 99, 157003.	2.9	102
128	⁷⁵ As NMR Study of Hole-Doped Superconductor $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ (T _c = 75 K). <i>Physical Review Letters</i> , 2007, 99, 157003.	2.9	100
129	Strong-Coupling Spin-Singlet Superconductivity with Multiple Full Gaps in Hole-Doped $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ Probed by ⁵⁷ Fe-NMR. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 103702.	0.7	99
130	Effect of Structural Parameters on Superconductivity in Fluorine-Free LnFeAsO _{1-y} (Ln = La, Nd). <i>Journal of the Physical Society of Japan</i> , 2008, 77, 083704.	0.7	574
131	Phonon Dynamics of Type-I Clathrate Sr ₈ Ga ₁₆ Ge ₃₀ Studied by Inelastic Neutron Scattering. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 260-262.	0.7	15
132	Synthesis and Superconductivity of Fluorine-Substituted NdFeAsO _{1-y} F _x and Oxygen-Deficient NdFeAsO _{1-y} . <i>Journal of the Physical Society of Japan</i> , 2008, 77, 127-128.	0.7	4
133	Crystallographic Structure of Fluorine-Free Oxypnictide NdFeAsO _{1-y} by Electron Microscopy. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 129-130.	0.7	0
134	Synthesis and Physical Properties of LnFeAsO _{1-y} . <i>Journal of the Physical Society of Japan</i> , 2008, 77, 36-39.	0.7	10
135	Relationship Between Crystal Structure and Superconductivity in LnFeAsO _{1-y} (Ln =) T _c = 10.7 K. <i>Physical Review Letters</i> , 2007, 99, 157003.	0.7	25
136	Structural Analysis of Fluorine-Free Oxypnictide Superconductor NdFeAsO _{1-y} by Electron Diffraction Analysis and Electron Microscopy. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 105003.	0.7	4
137	Search of Long-Range Magnetic Ordering in Superconducting Five-Layered Cuprate. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 073706.	0.7	4
138	Neutron scattering study of phonon dynamics on type-I Clathrate Ba ₈ Ga ₁₆ Ge ₃₀ . <i>Journal of Physics: Conference Series</i> , 2007, 92, 012169.	0.3	18
139	Pressure effect for metal-insulator transition in filled skutterudite SmRu ₄ P ₁₂ . <i>Journal of Alloys and Compounds</i> , 2006, 408-412, 238-240.	2.8	7
140	High-pressure Synthesis and Structural, Electrical and Magnetic Properties of a New Filled Skutterudite TbFe ₄ P ₁₂ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006, 61, 1471-1476.	0.3	12
141	Structural analysis of the filled skutterudite at high pressure and low temperature. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 199-200.	1.3	0
142	Transport properties of filled skutterudite antiferromagnet. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 235-236.	1.3	7
143	Specific heat of filled skutterudite. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 977-979.	1.3	18
144	Pressure effect for metal-insulator transition in filled skutterudite PrRu ₄ P ₁₂ . <i>Physica B: Condensed Matter</i> , 2005, 359-361, 853-855.	1.3	5

#	ARTICLE	IF	CITATIONS
145	Magnetic properties of TbRu ₄ P ₁₂ studied by neutron diffraction. Physica B: Condensed Matter, 2005, 359-361, 859-861.	1.3	8
146	NMR study of the new filled skutterudite superconductor YFe ₄ P ₁₂ . Physica B: Condensed Matter, 2005, 359-361, 883-885.	1.3	5
147	Electrical and magnetic properties of new filled skutterudites LnFe ₄ P ₁₂ (Ln = Ho, Er, Tm and Yb) and YRu ₄ P ₁₂ with heavy lanthanide (including Y) prepared at high pressure. Journal of Physics Condensed Matter, 2005, 17, 4383-4391.	0.7	31
148	Charge-density-wave ordering in the metal-insulator transition compound PrRu ₄ P ₁₂ . Physical Review B, 2004, 70, .	1.1	67
149	Pressure-Induced Superconductivity in Filled Skutterudite PrRu ₄ P ₁₂ . Journal of the Physical Society of Japan, 2004, 73, 2370-2372.	0.7	38
150	High-pressure synthesis, electrical and magnetic properties of new filled skutterudites LnOs ₄ P ₁₂ (Ln =) Tj ETQq0 0,0,rgBT /Overlock 10	2.7	58
151	A study of the crystal structure at low temperature in the metal-insulator transition compound PrRu ₄ P ₁₂ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 426-427.	1.0	21
152	Systematic high-pressure synthesis of new filled skutterudites with heavy lanthanide, LnFe ₄ P ₁₂ (Ln=heavy lanthanide, including Y). Journal of Solid State Chemistry, 2003, 174, 32-34.	1.4	34
153	Superconductivity of new filled skutterudite YFe ₄ P ₁₂ prepared at high pressure. Journal of Physics Condensed Matter, 2003, 15, S2201-S2205.	0.7	31
154	Magnetic and electrical properties of (Pr _x La _{1-x})Ru ₄ P ₁₂ . Physica B: Condensed Matter, 2000, 281-282, 300-302.	1.3	14