

Pengcheng Dai

List of Publications by Year in descending order

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298
papers

17,363
citations

17429

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308
docs citations

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times ranked

7703
citing authors

#	ARTICLE	IF	CITATIONS
1	Massless Dirac magnons in the two dimensional van der Waals honeycomb magnet CrCl ₃ . 2D Materials, 2022, 9, 015006.	2.0	16
2	Correlation-driven electronic reconstruction in FeTe _{1-x} Se _x . Communications Physics, 2022, 5, .	2.0	17
3	Time-reversal symmetry-breaking charge order in a kagome superconductor. Nature, 2022, 602, 245-250.	13.7	207
4	Electron-phonon coupling in the charge density wave state of CsV ₃ Sb ₅ . Physical Review B, 2022, 105, .	11.3	48
5	The Magnetic Genome of Two-Dimensional van der Waals Materials. ACS Nano, 2022, 16, 6960-7079.	7.3	149
6	Complex structure due to As bonding and interplay with electronic structure in superconducting BaNi ₂ Mn ₅ . Physical Review B, 2022, 105, .	11.5	5
7	Spin-excitation anisotropy in the nematic state of detwinned FeSe. Nature Physics, 2022, 18, 806-812.	6.5	15
8	Anisotropic magnon damping by zero-temperature quantum fluctuations in ferromagnetic CrGeTe ₃ . Nature Communications, 2022, 13, .	5.8	10
9	Spin dynamics in NaFeAs and NaFe _{0.8} As _{1.2} probed by resonant inelastic x-ray scattering. Physical Review B, 2021, 103, .	7.1	1
10	Spinon Fermi Surface Spin Liquid in a Triangular Lattice Antiferromagnet NaYbSe ₂ . Physical Review X, 2021, 11, .	2.8	47
11	High-energy magnetic excitations from heavy quasiparticles in CeCu ₂ Si ₂ . Npj Quantum Materials, 2021, 6, .	1.8	6
12	Pressure-induced high-temperature superconductivity retained without pressure in FeSe single crystals. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	30
13	Electronic nature of chiral charge order in the kagome superconductor CsV ₃ Sb ₅ . Physical Review B, 2021, 104, .	1.1	108
14	Excess-iron driven spin glass phase in Fe _{1+y} Te _{1-x} Se _x . Chinese Physics B, 2021, 30, 087402.	0.7	1
15	Magnetic Field Effect on Topological Spin Excitations in CrI ₃ . Physical Review Letters, 2021, 126, 077201.	2.8	37
16	Field-induced topological Hall effect and double-fan spin structure with a c-axis component in the metallic kagome antiferromagnetic compound Mn ₆ Sn ₈ . Physical Review B, 2021, 103, .	1.1	67
17	RKKY coupled local-moment magnetism in NaFe _{1-x} Cu _x As. Physical Review B, 2021, 104, .	1.1	1
18	Spin excitations in metallic kagome lattice FeSn and CoSn. Communications Physics, 2021, 4, .	2.0	23

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19	Quasiparticle coherence in the nematic state of FeSe. Physical Review B, 2021, 104, .	1.1	6
20	Spin waves and Dirac magnons in a honeycomb-lattice zigzag antiferromagnet BaNi_2As_2 . Physical Review B, 2021, 104, .	1.1	6
21	Resonance from antiferromagnetic spin fluctuations for superconductivity in UTe_2 . Nature, 2021, 600, 636-640.	13.7	34
22	Nature of the spin resonance mode in CeCoIn_5 . Communications Physics, 2020, 3, .	2.0	14
23	Incommensurate Spin Fluctuations in the Spin-Triplet Superconductor Candidate UTe_2 . Physical Review Letters, 2020, 125, 237003.	2.9	60
24	In-plane uniaxial pressure-induced out-of-plane antiferromagnetic moment and critical fluctuations in BaFe_2As_2 . Nature Communications, 2020, 11, 5728.	5.8	8
25	Electronic and Magnetic Anisotropies in FeSe Family of Iron-Based Superconductors. Frontiers in Physics, 2020, 8, .	1.0	5
26	Orbital selective spin waves in detwinned NaFeAs . Physical Review B, 2020, 102, .	1.1	8
27	Uniaxial c -axis pressure effects on the underdoped superconductor BaFe_2As_2 . Physical Review B, 2020, 101, .	1.1	2
28	Stripe antiferromagnetism and disorder in the Mott insulator NaFe_3As_5 . Physical Review B, 2020, 101, .	1.1	6
29	Strong local moment antiferromagnetic spin fluctuations in V -doped LiFeAs . Npj Quantum Materials, 2020, 5, .	1.8	4
30	Anisotropic magnetic excitations of a frustrated bilinear-biquadratic spin model: Implications for spin waves of detwinned iron pnictides. Physical Review B, 2020, 101, .	1.1	5
31	Anisotropic effect of a magnetic field on the neutron spin resonance in FeSe. Physical Review B, 2020, 101, .	1.1	2
32	Magnetic anisotropy in ferromagnetic CrI_3 . Physical Review B, 2020, 101, .	1.1	1
33	Magnetic order and fluctuations in the quasi-two-dimensional planar magnet $\text{Sr}(\text{Co}_{1-x}\text{Ni}_x)_2\text{As}_2$. Physical Review B, 2020, 102, .	1.1	1
34	Momentum Dependence of the Nematic Order Parameter in Iron-Based Superconductors. Physical Review Letters, 2019, 123, 066402.	2.9	41
35	Plaquette instability competing with bicollinear ground state in detwinned FeTe . Physical Review B, 2019, 100, .	1.1	7
36	Experimental signatures of a three-dimensional quantum spin liquid in effective spin-1/2 $\text{Ce}_2\text{Zr}_2\text{O}_7$ pyrochlore. Nature Physics, 2019, 15, 1052-1057.	6.5	92

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37	Flat-band magnetism and helical magnetic order in Ni-doped $\text{SrCo}_2\text{Mn}_2\text{O}_{10}$. Physical Review B, 2019, 100, .	1.1	10
38	Spin fluctuation anisotropy as a probe of orbital-selective hole-electron quasiparticle excitations in detwinned BaFe_2As_2 . Physical Review B, 2019, 100, .	1.1	10
39	Surface terminations and layer-resolved tunneling spectroscopy of the 122 iron pnictide superconductors. Physical Review B, 2019, 99, .	1.1	16
40	Anisotropic spin fluctuations in detwinned FeSe. Nature Materials, 2019, 18, 709-716.	13.3	60
41	Weaker nematic phase connected to the first order antiferromagnetic phase transition in SrFe_2As_2 compared to BaFe_2As_2 . Physical Review B, 2019, 99, .	1.1	5
42	High-K dielectric sulfur-selenium alloys. Science Advances, 2019, 5, eaau9785.	4.7	13
43	Possible Mott transition in layered Sr_2O_3 single crystals. Physical Review B, 2019, 99, .	1.1	3
44	Coexistence of Ferromagnetic and Stripe Antiferromagnetic Spin Fluctuations in SrCo_2As_2 . Physical Review Letters, 2019, 122, 117204.	2.9	23
45	Toward the Mott state with magnetic cluster formation in heavily Cu-doped $\text{NaFe}_{1-x}\text{Cu}_x\text{As}$. Physical Review B, 2019, 99, .	1.1	5
46	Low-carrier density and fragile magnetism in a Kondo lattice system. Physical Review B, 2019, 99, .	1.1	9
47	Nematic Energy Scale and the Missing Electron Pocket in FeSe. Physical Review X, 2019, 9, .	2.8	66
48	Direct observation of spin excitation anisotropy in the paramagnetic orthorhombic state of BaFe_2As_2 . Physical Review B, 2018, 97, .	1.1	7
49	Spin-isotropic continuum of spin excitations in antiferromagnetically ordered $\text{Fe}_{1.07}\text{Te}$. Physical Review B, 2018, 97, .	1.1	6
50	Topological Spin Excitations in Honeycomb Ferromagnet CrI_3 . Physical Review X, 2018, 8, .	2.8	188
51	Anomalous Metamagnetism in the Low Carrier Density Kondo Lattice YbRh_2As_3 . Physical Review X, 2018, 8, .	2.8	12
52	c-axis pressure-induced antiferromagnetic order in optimally P-doped $\text{BaFe}_2(\text{As}_{0.70}\text{P}_{0.30})_2$ superconductor. Npj Quantum Materials, 2018, 3, .	1.8	1
53	Raman scattering study of NaFe_2As_2 . Physical Review B, 2018, 98, .		
54	Neutron spin resonance as a probe of Fermi surface nesting and superconducting gap symmetry in $\text{Ba}_{0.67}\text{K}_{0.33}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physical Review B, 2018, 98, .	1.1	10

#	ARTICLE	IF	CITATIONS
55	Local orthorhombic lattice distortions in the paramagnetic tetragonal phase of superconducting NaFe _{1-x} Ni _x As. Nature Communications, 2018, 9, 3128.	5.8	20
56	Doping effects of Cr on the physical properties of $\text{BaFe}_{1-x}\text{Cr}_x\text{As}_2$. Physical Review B, 2018, 98, .	1.9	1
57	Unusual suppression of a spin resonance mode by magnetic field in underdoped NaFe _{1-x} Co _x As : Evidence for orbital-selective pairing. Physical Review B, 2018, 98, .	1.1	3
58	Spin Waves in Detwinned $\text{BaFe}_{1-x}\text{Co}_x\text{As}_2$. Physical Review Letters, 2018, 121, 067002.	2.0	1
59	Dynamic Spin-Lattice Coupling and Nematic Fluctuations in NaFeAs. Physical Review X, 2018, 8, .	2.8	9
60	Reduced electronic correlation effects in half substituted Ba(Fe _{1-x} Co _x) ₂ As ₂ . Applied Physics Letters, 2018, 112, .	1.5	6
61	Disentangling superconducting and magnetic orders in $\text{NaFe}_{1-x}\text{Co}_x\text{As}_2$ using muon spin rotation. Physical Review B, 2018, 97, .	1.8	1
62	Observation of the weak electronic correlations in KFeCoAs ₂ (3d 6): an isoelectronic to the parent compounds of 122 series of iron pnictides BaFe ₂ As ₂ . Journal of Physics Condensed Matter, 2017, 29, 085503.	0.7	5
63	Uniaxial pressure effect on the magnetic ordered moment and transition temperatures in $\text{BaFe}_{1-x}\text{Co}_x\text{As}_2$.		

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73	Correlation-driven metal-insulator transition in proximity to an iron-based superconductor. Physical Review B, 2017, 96, .	1.1	13
74	Spin susceptibility of the topological superconductor χ_{LPT} from polarized neutron diffraction. Physical Review B, 2017, 96, .	1.1	6
75	Spin excitations and the Fermi surface of superconducting FeS. Npj Quantum Materials, 2017, 2, .	1.8	14
76	Orbital selective neutron spin resonance in underdoped superconducting NaFe _{0.985} Co _{0.015} As. Physical Review B, 2017, 95, .	1.1	8
77	Spin excitation anisotropy in the optimally isovalent-doped superconductor χ_{BaFe_2} Physical Review B, 2017, 96, .	1.1	13
78	A Mott insulator continuously connected to iron pnictide superconductors. Nature Communications, 2016, 7, 13879.	5.8	36
79	Spin anisotropy due to spin-orbit coupling in optimally hole-doped $\chi_{\text{BaK}_{0.67}\text{Fe}}$ Physical Review B, 2016, 94, .	1.1	17
80	Absence of Long-Wavelength Nematic Fluctuations in LiFeAs. Journal of Superconductivity and Novel Magnetism, 2016, 29, 3049-3051.	0.8	2
81	Study of vortex dynamics in single crystalline Ba _{0.54} K _{0.46} Fe ₂ As ₂ superconductor using dc and ac magnetization. Journal of Alloys and Compounds, 2016, 686, 938-945.	2.8	2
82	Nematic Quantum Critical Fluctuations in χ_{BaFe_2} Physical Review Letters, 2016, 117, 157002.	2.9	33
83	χ_{NaFe} A Pnictide Insulating Phase Induced by On-Site Coulomb Interaction. Physical Review Letters, 2016, 117, 097001.	2.9	16
84	Spin excitations in optimally P-doped χ_{BaFe_2} Physical Review B, 2016, 94, .	1.1	16
85	Effect of Nematic Order on the Low-Energy Spin Fluctuations in Detwinned χ_{BaFe_2} Physical Review Letters, 2016, 117, 227003.	2.9	23
86	Critical quadrupole fluctuations and collective modes in iron pnictide superconductors. Physical Review B, 2016, 93, .	1.1	74
87	Electronic specific heat in χ_{BaFe_2} Physical Review B, 2016, 93, .	1.1	12
88	Electron doping evolution of the neutron spin resonance in χ_{NaFe} Physical Review B, 2016, 93, .	1.1	12
89	Experimental elucidation of the origin of the $\tilde{\chi}$ double spin resonances in Ba(Fe _{1-x} Co _x) ₂ As ₂ . Physical Review B, 2016, 93, .	1.1	12
90	Electron doping evolution of the magnetic excitations in χ_{NaFe} Physical Review B, 2016, 93, .	1.1	12

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91	Orbital Selective Spin Excitations and their Impact on Superconductivity of LiFeAs . Physical Review Letters, 2016, 116, 247001.	2.9	31
92	Nematic magnetoelastic effect contrasted between $\text{Ba(Fe}_{1-x}\text{Co)}_2\text{As}_2$ and FeSe. Physical Review B, 2016, 93, .	1.1	12
93	Impact of uniaxial pressure on structural and magnetic phase transitions in electron-doped iron pnictides. Physical Review B, 2016, 93, .	1.1	32
94	Electron doping evolution of structural and antiferromagnetic phase transitions in $\text{NaFe}_{1-x}\text{Co}_x\text{As}$ iron pnictides. Physical Review B, 2016, 94, .	1.1	13
95	Robust upward dispersion of the neutron spin resonance in the heavy fermion superconductor $\text{Ce}_{1-x}\text{Yb}_x\text{CoIn}_5$. Nature Communications, 2016, 7, 12774.	5.8	30
96	High-Temperature Superconductors. Experimental Methods in the Physical Sciences, 2015, , 145-201.	0.1	1
97	Spin waves and spatially anisotropic exchange interactions in the antiferromagnet Sr_2RbO_8 . Physical Review B, 2015, 92, .	1.1	10
98	Mott localization in a pure stripe antiferromagnet Sr_2RbO_8 . Physical Review B, 2015, 92, .	1.1	12
99	Electronic nematic correlations in the stress-free tetragonal state of $\text{BaFe}_{1-x}\text{Ni}_x\text{As}_2$. Physical Review B, 2015, 92, .	1.1	18
100	Energy dependence of the spin excitation anisotropy in uniaxial-strained $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{As}_2$. Physical Review B, 2015, 92, .	1.1	18
101	Nematic Crossover in BaFe_2As_2 under Uniaxial Stress. Physical Review Letters, 2015, 115, 197002.	2.9	27
102	Antiferromagnetic order and spin dynamics in iron-based superconductors. Reviews of Modern Physics, 2015, 87, 855-896.	16.4	560
103	Chemical tuning of electrical transport in TiPtSe_2 . Physical Review B, 2015, 91, .	1.1	9
104	Nodeless superconductivity in the presence of spin-density wave in pnictide superconductors: The case of $\text{BaFe}_{2-x}\text{Ni}_x\text{As}_2$. Physical Review B, 2015, 91, .	1.1	27
105	Long-range two-dimensional superstructure in the superconducting electron-doped cuprate $\text{Pr}_{0.88}\text{LaCe}_{0.12}\text{CuO}_4$. Physical Review B, 2015, 92, .	1.1	5
106	Photoemission study of the electronic structure and charge density waves of $\text{Na}_2\text{Ti}_2\text{Sb}_2\text{O}$. Scientific Reports, 2015, 5, 9515.	1.6	11
107	Structural and Magnetic Phase Transitions near Optimal Superconductivity in $\text{BaFe}_{1-x}\text{Ni}_x\text{As}_2$. Physical Review B, 2015, 91, .	1.1	18

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109	Neutron spin resonance as a probe of superconducting gap anisotropy in partially detwinned electron underdoped NaFe _{0.985} Co _{0.015} As. Physical Review B, 2015, 91, .	1.1	6
110	Two spatially separated phases in semiconducting RbO _{0.8} Fe _{1.5} S ₂ . Physical Review B, 2014, 90, .	1.1	19
111	Short-range cluster spin glass near optimal superconductivity in Ba _{1-x} Fe _x As. Physical Review B, 2014, 90, .	4.6	167
112	Iron-based high transition temperature superconductors. National Science Review, 2014, 1, 371-395.	4.6	167
113	Anisotropic neutron spin resonance in underdoped superconducting NaFe _{1-x} Co _x As. Physical Review B, 2014, 90, .	2.9	55
114	Structure and composition of the superconducting phase in alkali iron selenide K _{1-y} Fe _{1+x} Se. Physical Review B, 2014, 89, .	1.1	20
115	Phase separation, competition, and volume-fraction control in NaFe _{1-x} Co _x As. Physical Review B, 2014, 90, .	1.1	11
116	Observation of Momentum-Confined In-Gap Impurity State in Ba _{0.6} K _{0.4} Fe ₂ As ₂ : Evidence for Antiphases Pairing. Physical Review X, 2014, 4, .	2.8	14
117	Influence of doping on the spin dynamics and magnetoelectric effect in hexagonal Lu _{1-x} O ₃ . Physical Review B, 2014, 89, .	1.8	14
118	Effect of Pnictogen Height on Spin Waves in Iron Pnictides. Physical Review Letters, 2014, 112, .	2.9	55
119	Evolution of London penetration depth with scattering in single crystals of K _{1-x} Na _x Fe ₂ As ₂ . Physical Review B, 2014, 89, .	1.1	20
120	The effect of Cr impurity to superconductivity in electron-doped BaFe _{2-x} Ni _x As ₂ . Superconductor Science and Technology, 2014, 27, 115003.	1.8	14
121	Nematic spin correlations in the tetragonal state of uniaxial-strained BaFe _{2-x} Ni _x As ₂ . Science, 2014, 345, 657-660.	6.0	167
122	Anisotropic but Nodeless Superconducting Gap in the Presence of Spin-Density Wave in Iron-Pnictide Superconductor NaFe _{1-x} Co _x As. Physical Review X, 2013, 3, .	2.8	42
123	Close relationship between superconductivity and the bosonic mode in Ba _{0.6} K _{0.4} Fe ₂ As ₂ and Na _{1-x} Fe _x As. Nature Physics, 2013, 9, 42-48.	6.5	53
124	Magnetic anisotropy in hole-doped superconducting Ba _{1-x} K _x Fe ₂ As ₂ . Physical Review B, 2013, 87, .	1.1	27
125	Persistent high-energy spin excitations in iron-pnictide superconductors. Nature Communications, 2013, 4, 1470.	5.8	101
126	Avoided Quantum Criticality and Magnetoelastic Coupling in BaFe _{2-x} Ni _x As ₂ . Physical Review Letters, 2013, 110, 257001.	2.9	68

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127	Spin Excitation Anisotropy as a Probe of Orbital Ordering in the Paramagnetic Tetragonal Phase of Superconducting $\text{BaFe}_{1.904}\text{Ni}$. Physical Review Letters, 2013, 111, 107006.	2.9	56
128	Doping dependence of spin excitations and its correlations with high-temperature superconductivity in iron pnictides. Nature Communications, 2013, 4, 2874.	5.8	94
129	Longitudinal and transverse Hall resistivities in $\text{NaFe}_{1-x}\text{Co}_x\text{As}$ single crystals with $x = 0.022$ and 0.0205 : weak pinning and anomalous electrical transport properties. Journal of Physics Condensed Matter, 2013, 25, 395702.	0.7	6
130	Longitudinal Spin Excitations and Magnetic Anisotropy in Antiferromagnetically Ordered Fe_2S_2 . Physical Review X, 2013, 3, 031041.	2.8	34
131	Pairing symmetries by neutron spin resonance in superconducting NaFeAs . Physical Review B, 2013, 88, 020407.	1.1	5
132	Measurement of a Double Neutron-Spin Resonance and an Anisotropic Energy Gap for Underdoped Superconducting $\text{NaFe}_{0.985}\text{Co}$. Physical Review Letters, 2013, 111, 207002.	2.9	40
133	Microscopic coexistence of a two-component incommensurate spin density wave with superconductivity in underdoped NaFeAs . Physical Review B, 2013, 88, 020408.	1.1	7
134	Spin pairing and penetration depth measurements from nuclear magnetic resonance in $\text{NaFe}_{0.983}\text{Co}$. Physical Review B, 2013, 88, 020409.	1.1	10
135	In-plane spin excitation anisotropy in the paramagnetic state of NaFeAs . Physical Review B, 2013, 88, 020410.	1.1	34
136	Strong-coupling superconductivity in $\text{NaFe}_{1-x}\text{Co}_x\text{As}$. Physical Review B, 2013, 88, 020411.	1.1	30
137	Paramagnetic spin excitations in insulating $\text{Rb}_{0.8}\text{Fe}_{1.6}\text{Se}_2$. Physical Review B, 2013, 87, 020401.	1.1	1
138	Spin pairing and penetration depth measurements from nuclear magnetic resonance in $\text{NaFe}_{0.975}\text{Co}_{0.025}\text{As}$. Physical Review B, 2013, 87, 020402.	1.1	10
139	Electron doping evolution of the magnetic excitations in $\text{BaFe}_{2-x}\text{Ni}_x\text{As}$. Physical Review B, 2013, 87, 020403.	1.1	42
140	Uniaxial pressure effect on structural and magnetic phase transitions in NaFeAs and its comparison with as-grown and annealed $\text{BaFe}_{2-x}\text{As}$. Physical Review B, 2013, 87, 020404.	1.1	33
141	Simultaneous Optimization of Spin Fluctuations and Superconductivity under Pressure in an Iron-Based Superconductor. Physical Review Letters, 2013, 111, 107004.	2.9	19
142	Evidence for multiple nodeless gaps and electron-mode coupling from scanning tunneling spectroscopy in the iron-based superconductor $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$. AIP Conference Proceedings, 2012, 1477, 020001.	0.3	1
143	Evolution of normal and superconducting properties of single crystals of $\text{NaFe}_{1-x}\text{Co}_x\text{As}$ upon interaction with environment. Physical Review B, 2012, 85, 020405.	1.1	32
144	Magnetization in the superconducting state of UPt_3 from polarized neutron diffraction. Physical Review B, 2012, 86, 020406.	1.1	9

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145	Temperature dependence of the paramagnetic spin excitations in BaFe_2As_2 Doping-dependent anisotropic superconducting gap in $\text{Na}_x\text{Co}_2\text{As}_2$	1.1	24
146			



#	ARTICLE	IF	CITATIONS
163	Electron-spin excitation coupling in an electron-doped copper oxide superconductor. Nature Physics, 2011, 7, 719-724.	6.5	25
164	Energizer keep going: 100 years of superconductivity. Frontiers of Physics, 2011, 6, 343-343.	2.4	0
165	Neutron Scattering Studies of spin excitations in hole-doped Ba _{0.67} K _{0.33} Fe ₂ As ₂ superconductor. Scientific Reports, 2011, 1, 115.	1.6	72
166	Three-dimensionality of band structure and a large residual quasiparticle population in Ba _{0.67} K _{0.33} Fe ₂ As ₂ superconductor. Physical Review B, 2011, 84, 020407.	1.1	10
167	Neutron scattering study of spin excitations in the iron-based superconductor Ba _{1-x} Fe _x Te. Physical Review B, 2011, 84, 020408.	2.9	14
168	Antiferromagnetic spin excitations in single crystals of nonsuperconducting Li _{1-x} FeAs. Physical Review B, 2011, 83, .	1.1	30
169	Effect of the in-plane magnetic field on the neutron spin resonance in optimally doped FeSe _{0.4} Te _{0.6} and BaFe _{1.9} Ni _{0.1} As ₂ superconductors. Physical Review B, 2011, 84, .	1.1	17
170	Common origin of the two types of magnetic fluctuations in iron chalcogenides. Physical Review B, 2011, 84, .	1.1	15
171	Antiferromagnetic order and superlattice structure in nonsuperconducting and superconducting Rb _{1-x} Fe _x Se. Physical Review B, 2011, 84, 020409.	1.1	54
172	Superconductivity and spin fluctuations. Frontiers of Physics, 2011, 6, 429-439.	2.4	6
173	Spin-lattice coupling in iron-pnictide superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S294-S295.	0.6	15
174	Low-energy Ce spin excitations in CeFeAsO and CeFeAsO _{0.84} F _{0.16} . Frontiers of Physics in China, 2010, 5, 161-165.	1.0	5
175	Normal-State Hourglass Dispersion of the Spin Excitations in Fe _{1-x} Te. Physical Review Letters, 2010, 105, 157002.	2.9	34
176	Magnetic Quantum Oscillations in YBa ₂ Cu ₃ O _{6.61} and YBa ₂ Cu ₃ O _{7-x} . Physical Review Letters, 2010, 105, 157003.	2.9	68
177	Electron-doping evolution of the low-energy spin excitations in the iron arsenide superconductor BaFe ₂ As ₂ . Physical Review B, 2010, 81, 020403.	1.1	73
178	Lattice Distortion and Magnetic Quantum Phase Transition in CeFeAs _{1-x} P _x O. Physical Review Letters, 2010, 104, 017204.	2.9	15
179	Direct Observation of Paramagnons in Palladium. Physical Review Letters, 2010, 105, 027207.	2.9	22
180	Magnetic form factor of SrFe ₂ As ₂ : Neutron diffraction measurements. Physical Review B, 2010, 81, .	1.1	11

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181	Anisotropic neutron spin resonance in superconducting $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{As}_2$ <small>Physical Review B, 2010, 82, .</small>	1.1	55
182	Neutron spin resonance as a probe of the superconducting energy gap of $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{As}_2$ <small>Physical Review B, 2010, 81, .</small>	1.1	34
183	Anisotropic structure of the order parameter in $\text{FeSe}_{0.45}\text{Te}_{0.55}$ revealed by angle-resolved specific heat. <i>Nature Communications</i> , 2010, 1, 112.	5.8	83
184	Spin gap and magnetic resonance in superconducting $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{As}_2$ <small>Physical Review B, 2009, 79, .</small>	1.1	63
185	Superconducting state coexisting with a phase-separated static magnetic order in $\text{Ba}_{1-x}\text{Fe}_x\text{As}_2$ <small>Physical Review B, 2009, 80, .</small>	1.1	122
186	Annealing effect on the electron-doped superconductor $\text{Pr}_{1-x}\text{Ni}_x\text{As}$ <small>Physical Review B, 2009, 80, .</small>	1.1	12
187	Transition from Three-Dimensional Anisotropic Spin Excitations to Two-Dimensional Spin Excitations by Electron Doping the FeAs -Based $\text{BaFe}_{1.96}\text{Ni}_{0.04}\text{As}_2$ <small>Physical Review Letters, 2009, 103, 087005.</small>	2.9	36
188	Inelastic Neutron-Scattering Measurements of a Three-Dimensional Spin Resonance in the FeAs -Based $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{As}_2$ <small>Physical Review Letters, 2009, 102, 107006.</small>	2.9	170
189	$R\text{FeAs}_2$		

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199	Spin and lattice structures of single-crystalline SrFe_2As_2 . Physical Review B, 2008, 78, .	1.1	184
200	Magnetic order of the iron spins in NdFeAsO . Physical Review B, 2008, 78, .	1.1	122
201	Lattice and magnetic structures of PrFeAsO . Physical Review B, 2008, 78, .	1.1	133
202	Low Energy Spin Waves and Magnetic Interactions in SrFe_2As_2 . Physical Review Letters, 2008, 101, 167203.	2.9	161
203	Field levels in $\text{PrOs}_4\text{As}_{12}$. Physical Review B, 2008, 78, .	1.1	3
204	Doping evolution of antiferromagnetic order and structural distortion in LaFeAsO . Physical Review B, 2008, 78, .	1.1	103
205	Crystalline Electric Field as a Probe for Long-Range Antiferromagnetic Order and Superconducting State of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review Letters, 2008, 101, 217002.	1.1	21
206	Impact of oxygen annealing on the heat capacity and magnetic resonance of superconducting $\text{Pr}_{0.88}\text{La}_{0.12}\text{CuO}_4$ single crystals. Physical Review B, 2008, 78, .	1.1	158
207	Weak-coupling Bardeen-Cooper-Schrieffer superconductivity in the electron-doped cuprate superconductors. Physical Review B, 2008, 77, .	1.1	31
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