

## List of Publications by Citations

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#	Paper	IF	Citations
146	Higgs transition from a magnetic Coulomb liquid to a ferromagnet in $\text{YbTiO}_3$ . <i>Nature Communications</i> , <b>2012</b> , 3, 992	17.4	151
145	Magnetic structure of $\text{EuFe}_2\text{As}_2$ determined by single-crystal neutron diffraction. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	139
144	Subsurface dimerization in III-V semiconductor (001) surfaces. <i>Physical Review Letters</i> , <b>2001</b> , 86, 3586-9	7.4	117
143	Antiferromagnetic ordering and structural phase transition in $\text{Ba}_2\text{Fe}_2\text{As}_2$ with Sn incorporated from the growth flux. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	98
142	Ambient- and low-temperature synchrotron x-ray diffraction study of $\text{BaFe}_2\text{As}_2$ and $\text{CaFe}_2\text{As}_2$ at high pressures up to 56 GPa. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	91
141	Low-temperature structure of indium quantum chains on silicon. <i>Physical Review Letters</i> , <b>2000</b> , 85, 4916-9	7.4	91
140	Comparison of the temperature- and pressure-dependent behavior of the crystal structure of CrAs. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2021</b> , 77, 594-604	1.8	78
139	Coexistence of superconductivity and ferromagnetism in P-doped $\text{EuFe}_2\text{As}_2$ . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	61
138	Ab initio lattice dynamics simulations and inelastic neutron scattering spectra for studying phonons in $\text{BaFe}_2\text{As}_2$ : Effect of structural phase transition, structural relaxation, and magnetic ordering. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	59
137	Neutron scattering study of the dynamics of a polymer melt under nanoscopic confinement. <i>Journal of Chemical Physics</i> , <b>2009</b> , 131, 174901	3.9	59
136	Structure of metal-rich (001) surfaces of III-V compound semiconductors. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	57
135	Magnetic order in the $\text{CaFe}_{1-x}\text{Co}_x\text{AsF}$ ( $x=0.00,0.06,0.12$ ) superconducting compounds. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	55
134	Competing ferri- and antiferromagnetic phases in geometrically frustrated $\text{LuFe}_2\text{O}_4$ . <i>Physical Review Letters</i> , <b>2012</b> , 108, 037206	7.4	54
133	Inelastic neutron scattering and lattice-dynamical calculations of $\text{BaFe}_2\text{As}_2$ . <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	54
132	All-oxide-based synthetic antiferromagnets exhibiting layer-resolved magnetization reversal. <i>Science</i> , <b>2017</b> , 357, 191-194	33.3	53
131	Magnetic structure of $\text{EuFe}_2\text{As}_2$ as determined by resonant x-ray scattering. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	51
130	Using polarization analysis to separate the coherent and incoherent scattering from protein samples. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2010</b> , 1804, 76-82	4	50

129	Fluorine-free water-in-ionomer electrolytes for sustainable lithium-ion batteries. <i>Nature Communications</i> , <b>2018</b> , 9, 5320	17.4	48
128	Spiral spin-liquid and the emergence of a vortex-like state in MnSc <sub>2</sub> S <sub>4</sub> . <i>Nature Physics</i> , <b>2017</b> , 13, 157-161	16.2	47
127	Critical fluctuations and quenched disordered two-dimensional charge stripes in La <sub>5/3</sub> Sr <sub>1/3</sub> NiO <sub>4</sub> . <i>Physical Review Letters</i> , <b>2000</b> , 84, 3911-4	7.4	46
126	Field-induced spin reorientation and giant spin-lattice coupling in EuFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	43
125	Distinguishing s <sub>x</sub> <sup>2</sup> and s <sub>xy</sub> electron pairing symmetries by neutron spin resonance in superconducting NaFe <sub>0.935</sub> Co <sub>0.045</sub> As. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	42
124	Measurement of anomalous phonon dispersion of CaFe <sub>2</sub> As <sub>2</sub> single crystals using inelastic neutron scattering. <i>Physical Review Letters</i> , <b>2009</b> , 102, 217001	7.4	39
123	Measurement of a double neutron-spin resonance and an anisotropic energy gap for underdoped superconducting NaFe <sub>0.985</sub> Co <sub>0.015</sub> As using inelastic neutron scattering. <i>Physical Review Letters</i> , <b>2013</b> , 111, 207002	7.4	34
122	Helical spin waves, magnetic order, and fluctuations in the langasite compound Ba <sub>3</sub> NbFe <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	33
121	X-ray scattering studies of 2H-NbSe <sub>2</sub> , a superconductor and charge density wave material, under high external magnetic fields. <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 5361-5370	1.8	31
120	Field-induced self-assembly of iron oxide nanoparticles investigated using small-angle neutron scattering. <i>Nanoscale</i> , <b>2016</b> , 8, 18541-18550	7.7	29
119	Magnetic structure of the Eu <sup>2+</sup> moments in superconducting EuFe <sub>2</sub> (As <sub>1-x</sub> P <sub>x</sub> ) <sub>2</sub> with x=0.19. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	29
118	Magnetic structure of superconducting Eu(Fe <sub>0.82</sub> Co <sub>0.18</sub> ) <sub>2</sub> As <sub>2</sub> as revealed by single-crystal neutron diffraction. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	29
117	Short and Intermediate Range Order in Poly(alkylene oxide)s. A Neutron Diffraction and Molecular Dynamics Simulation Study. <i>Macromolecules</i> , <b>2012</b> , 45, 7293-7303	5.5	28
116	Magnetic anisotropy in hole-doped superconducting Ba <sub>0.67</sub> K <sub>0.33</sub> Fe <sub>2</sub> As <sub>2</sub> probed by polarized inelastic neutron scattering. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	27
115	Magnetic ground state of superconducting Eu(Fe <sub>0.88</sub> Ir <sub>0.12</sub> ) <sub>2</sub> As <sub>2</sub> : A combined neutron diffraction and first-principles calculation study. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	27
114	Strong coupling of Sm and Fe magnetism in SmFeAsO as revealed by magnetic x-ray scattering. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	27
113	Coexistence of magnetic order and spin-glass-like phase in the pyrochlore antiferromagnet Na <sub>3</sub> Co(CO <sub>3</sub> ) <sub>2</sub> Cl. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	26
112	Microscopic Dynamics in Nanocomposites of Poly(ethylene oxide) and Poly(methyl methacrylate) Soft Nanoparticles: A Quasi-Elastic Neutron Scattering Study. <i>Macromolecules</i> , <b>2014</b> , 47, 304-315	5.5	25

111	Anisotropic neutron spin resonance in underdoped superconducting NaFe <sub>1-x</sub> Co <sub>x</sub> As. <i>Physical Review B</i> , <b>2014</b> , 90,	3-3	25
110	Non-stoichiometry and the magnetic structure of Sr <sub>2</sub> CrO <sub>3</sub> FeAs. <i>Europhysics Letters</i> , <b>2010</b> , 89, 37006	1.6	24
109	Magnetic correlations in the spin ice Ho <sub>2</sub> Y <sub>x</sub> Ti <sub>2</sub> O <sub>7</sub> as revealed by neutron polarization analysis. <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	23
108	Magnetic lattice dynamics of the oxygen-free FeAs pnictides: how sensitive are phonons to magnetic ordering?. <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 315701	1.8	23
107	DNS: Diffuse scattering neutron time-of-flight spectrometer. <i>Journal of Large-scale Research Facilities JLSRF</i> , 1,		23
106	Phonon dynamics in Sr <sub>0.6</sub> K <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> and Ca <sub>0.6</sub> Na <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> from neutron scattering and lattice-dynamical calculations. <i>Physical Review B</i> , <b>2008</b> , 78,	3-3	22
105	Solitary Magnons in the S=5/2 Antiferromagnet CaFe <sub>2</sub> O <sub>4</sub> . <i>Physical Review Letters</i> , <b>2016</b> , 117, 017201	1.4	21
104	Possible magnetic order and suppression of superconductivity by V doping in Sr <sub>2</sub> VO <sub>3</sub> FeAs. <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	21
103	Strain release and twin structure in GdBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films on (001) SrTiO <sub>3</sub> and NdGaO <sub>3</sub> . <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	21
102	Effects of magnetic doping and temperature dependence of phonon dynamics in CaFe <sub>1-x</sub> Co <sub>x</sub> AsF compounds (x=0, 0.06, and 0.12). <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	20
101	Incipient ferromagnetism in Tb <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> : application of chemical pressure to the enigmatic spin-liquid compound Tb <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2014</b> , 113, 267205	7-4	19
100	Crystal and magnetic structure of single-crystal La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> (x = 1/8). <i>European Physical Journal B</i> , <b>2009</b> , 67, 149-157	1.2	19
99	Neutron diffraction investigation of the crystal and magnetic structures in KCrF <sub>3</sub> perovskite. <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	18
98	Neutron diffraction study of phase transitions and thermal expansion of SrFeAsF. <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	18
97	Mixed-state Hall effect and flux pinning in Ba(Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>2</sub> As <sub>2</sub> single crystals (x=0.08 and 0.10). <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	18
96	Phonon spectra in CaFe <sub>2</sub> As <sub>2</sub> and Ca <sub>0.6</sub> Na <sub>0.4</sub> Fe <sub>2</sub> As <sub>2</sub> : Measurement of the pressure and temperature dependence and comparison with ab initio and shell model calculations. <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	17
95	Phase diagram of Eu magnetic ordering in Sn-flux-grown Eu(Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>2</sub> As <sub>2</sub> single crystals. <i>Physical Review B</i> , <b>2016</b> , 94,	3-3	17
94	Cation distribution and magnetic properties of Zn-substituted CoCr <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Journal of Applied Physics</i> , <b>2018</b> , 123, 223905	2.5	16

93	Approaching the true ground state of frustrated A-site spinels: A combined magnetization and polarized neutron scattering study. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	16
92	Enhancement of Curie- and spin-spiral temperatures with doping Fe in multiferroic CoCr <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 488, 165378	2.8	15
91	Size-dependent magnetic transitions in CoFe <sub>0.1</sub> Cr <sub>1.9</sub> O <sub>4</sub> nanoparticles studied by magnetic and neutron-polarization analysis. <i>Nanotechnology</i> , <b>2016</b> , 27, 175702	3.4	15
90	Spin anisotropy due to spin-orbit coupling in optimally hole-doped Ba <sub>0.67</sub> K <sub>0.33</sub> Fe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	15
89	Revisiting the ground state of CoAl <sub>2</sub> O <sub>4</sub> : Comparison to the conventional antiferromagnet MnAl <sub>2</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	14
88	Magnetic and structural transitions in La <sub>0.4</sub> Na <sub>0.6</sub> Fe <sub>2</sub> As <sub>2</sub> single crystals. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	14
87	Antiferromagnetic spin correlations in MnO nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2010</b> , 322, 3333-3336	2.8	14
86	Spin-phonon coupling in K <sub>0.8</sub> Fe <sub>1.6</sub> Se <sub>2</sub> and KFe <sub>2</sub> Se <sub>2</sub> : Inelastic neutron scattering and ab initio phonon calculations. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	13
85	Antiferromagnetic order in MnO spherical nanoparticles. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	13
84	Structural transitions and relaxation processes during the epitaxial growth of ultrathin CaF <sub>2</sub> films on Si(111). <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	13
83	Anomalous in-plane magnetoresistance in a EuFe <sub>2</sub> As <sub>2</sub> single crystal: Evidence of strong spin-charge-lattice coupling. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	13
82	Pressure dependence of phonon modes across the tetragonal to collapsed-tetragonal phase transition in CaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	13
81	Correlation between structural and magnetic properties of La <sub>7/8</sub> Sr <sub>1/8</sub> Mn <sub>1-x</sub> O <sub>3</sub> with controlled nonstoichiometry. <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 016003	1.8	13
80	Magnetic structures and magnetoelastic coupling of Fe-doped hexagonal manganites LuMn <sub>1-x</sub> FexO <sub>3</sub> (0 ≤ x ≤ 0.3). <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	13
79	Magnetic excitations in the ground state of Yb <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	12
78	Diffuse neutron scattering study of magnetic correlations in half-doped La <sub>0.5</sub> Ca <sub>0.5-x</sub> SrxMnO <sub>3</sub> manganites (x=0.1, 0.3, and 0.4). <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	12
77	Neutron-diffraction study of structural transition and magnetic order in orthorhombic and rhombohedral La <sub>(7/8)</sub> Sr <sub>(1/8)</sub> Mn <sub>(1-x)</sub> O <sub>(3+x)</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 176226	1.8	12
76	Charge ordering and the related structural phase transition in single-crystal (Bi <sub>0.24</sub> Ca <sub>0.76</sub> )MnO <sub>3</sub> . <i>Physical Review B</i> , <b>1999</b> , 59, 11687-11692	3.3	12

75	Coexistence of Ferromagnetic and Stripe Antiferromagnetic Spin Fluctuations in SrCo <sub>2</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , <b>2019</b> , 122, 117204	7.4	11
74	Spatial inhomogeneity in RFeAsO <sub>1-x</sub> F <sub>x</sub> (R= Pr, Nd) determined from rare-earth crystal-field excitations. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	11
73	Magnetic structures of the Eu and Cr moments in EuCr <sub>2</sub> As <sub>2</sub> : Neutron diffraction study. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	10
72	Weak magnetism and the Mott state of vanadium in superconducting Sr <sub>2</sub> VO <sub>3</sub> FeAs. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	10
71	An approach to the magnetic ground state of the molecular magnet {Mo <sub>72</sub> Fe <sub>30</sub> }. <i>New Journal of Physics</i> , <b>2010</b> , 12, 083044	2.9	10
70	Pressure dependence of the low-temperature crystal structure and phase transition behavior of CaFeAsF and SrFeAsF: A synchrotron x-ray diffraction study. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	10
69	Orphan Spins in the S=5/2 Antiferromagnet CaFe <sub>2</sub> O <sub>4</sub> . <i>Physical Review Letters</i> , <b>2017</b> , 119, 257204	7.4	9
68	High quality TbMnO <sub>3</sub> films deposited on YAlO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 5061-5063	5.7	9
67	Spin-wave and electromagnon dispersions in multiferroic MnWO <sub>4</sub> as observed by neutron spectroscopy: Isotropic Heisenberg exchange versus anisotropic Dzyaloshinskii-Moriya interaction. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	8
66	Low-lying magnetic excitations and magnetocaloric effect of molecular magnet K <sub>6</sub> [V <sub>15</sub> As <sub>6</sub> O <sub>42</sub> (H <sub>2</sub> O)] <sub>8</sub> H <sub>2</sub> O. <i>Europhysics Letters</i> , <b>2015</b> , 112, 27003	1.6	8
65	Topological magnon insulators in two-dimensional van der Waals ferromagnets CrSiTe and CrGeTe: Toward intrinsic gap-tunability. <i>Science Advances</i> , <b>2021</b> , 7, eabi7532	14.3	8
64	Evidence of anomalous conventional and spontaneous exchange bias, high coercivity in Fe doped NiCrO spinel. <i>Dalton Transactions</i> , <b>2020</b> , 49, 4502-4517	4.3	7
63	Magnetic polarization of Ir in underdoped nonsuperconducting Eu(Fe <sub>0.94</sub> Ir <sub>0.06</sub> ) <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	7
62	Magnetization distribution in the tetragonal phase of BaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	7
61	Anisotropic exchange Hamiltonian, magnetic phase diagram, and domain inversion of Nd <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	6
60	Spin-isotropic continuum of spin excitations in antiferromagnetically ordered Fe <sub>1.07</sub> Te. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	6
59	Noncollinear magnetic structure and anisotropic magnetoelastic coupling in cobalt pyrovanadate Co <sub>2</sub> V <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	6
58	Hydrostatic pressure effects on the static magnetism in Eu(FeCo)As. <i>Scientific Reports</i> , <b>2017</b> , 7, 3532	4.9	6

57	Magnetic anisotropic energy gap and low-energy spin wave excitation in the antiferromagnetic block phase of K <sub>2</sub> Fe <sub>4</sub> Se <sub>5</sub> . <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	6
56	Physical properties, crystal and magnetic structure of layered Fe <sub>1.11</sub> Te <sub>1-x</sub> Se <sub>x</sub> superconductors. <i>European Physical Journal B</i> , <b>2011</b> , 82, 113-121	1.2	6
55	Honeycomb-lattice antiferromagnet Mn <sub>2</sub> V <sub>2</sub> O <sub>7</sub> : a temperature-dependent x-ray diffraction, neutron diffraction and ESR study. <i>Materials Research Express</i> , <b>2017</b> , 4, 046101	1.7	5
54	Spiral magnetic ordering of the Eu moments in EuNi <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	5
53	Plaquette instability competing with bicollinear ground state in detwinned FeTe. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	5
52	Absence of magnetism in the superconductor Ba <sub>2</sub> Ti <sub>2</sub> Fe <sub>2</sub> As <sub>4</sub> O: Insights from inelastic neutron scattering measurements and ab initio calculations of phonon spectra. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	5
51	Structure and component dynamics in binary mixtures of poly(2-(dimethylamino)ethyl methacrylate) with water and tetrahydrofuran: A diffraction, calorimetric, and dielectric spectroscopy study. <i>Journal of Chemical Physics</i> , <b>2016</b> , 144, 154903	3.9	5
50	Uniaxial and hydrostatic pressure effects in $\sqrt{2}\times\sqrt{2}$ -RuCl single crystals via thermal-expansion measurements. <i>Journal of Physics Condensed Matter</i> , <b>2018</b> , 30, 385702	1.8	5
49	Magnetism of monomer MnO and heterodimer FePt@MnO nanoparticles. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	4
48	Dispersible cobalt chromite nanoparticles: facile synthesis and size driven collapse of magnetism. <i>RSC Advances</i> , <b>2016</b> , 6, 107659-107668	3.7	4
47	SANS study of vortex lattice structural transition in optimally doped (Ba <sub>1-x</sub> K <sub>x</sub> )Fe <sub>2</sub> As <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 425701	1.8	4
46	EuFe <sub>2</sub> As <sub>2</sub> : Magnetic Structure and Local Charge Distribution Anisotropies as Seen by Resonant X-ray Scattering. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 705-709	1.5	4
45	Ge(001)-matrix-Pb $\leftrightarrow$ lmatrix-Pb: low-temperature two-dimensional phase transition. <i>New Journal of Physics</i> , <b>2001</b> , 3, 13-13	2.9	4
44	Magnetic structures, spin-flop transition, and coupling of Eu and Mn magnetism in the Dirac semimetal EuMnBi <sub>2</sub> . <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	4
43	Magnetic ordering in the Ising antiferromagnetic pyrochlore NdScNbO. <i>Journal of Physics Condensed Matter</i> , <b>2021</b> , 33,	1.8	4
42	Intermultiplet transitions and magnetic long-range order in Sm-based pyrochlores. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	3
41	Universal critical behavior in the ferromagnetic superconductor Eu(Fe <sub>0.75</sub> Ru <sub>0.25</sub> ) <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	3
40	Magnetic properties and spin structure of MnO single crystal and powder. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 862, 012027	0.3	3



39	Temperature and polarization dependence of low-energy magnetic fluctuations in nearly optimally doped NaFe <sub>0.9785</sub> Co <sub>0.0215</sub> As. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	3
38	Inverse order-disorder transition of charge stripes. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	3
37	Dynamics of tetrahydrofuran as minority component in a mixture with poly(2-(dimethylamino)ethyl methacrylate): A neutron scattering and dielectric spectroscopy investigation. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 094505	3.9	3
36	Neutron scattering study of magnetic Fe <sub>1+d</sub> Te thin films grown under tensile stress. <i>Physica B: Condensed Matter</i> , <b>2015</b> , 474, 53-56	2.8	3
35	Neutron polarization analysis on the multiferroic TbMn <sub>2</sub> O <sub>5</sub> . <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 2517-2519	2.8	3
34	Soft X-ray resonant scattering study of single-crystal LaSr <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> . <i>European Physical Journal B</i> , <b>2010</b> , 74, 457-461	1.2	3
33	Coexistence of Eu antiferromagnetism and pressure-induced superconductivity in single-crystal EuFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2
32	Spin reorientation of the Fe moments in Eu <sub>0.5</sub> Ca <sub>0.5</sub> Fe <sub>2</sub> As <sub>2</sub> : Evidence for strong interplay of Eu and Fe magnetism. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	2
31	Evidence of Spin Resonance Signal in Oxygen Free Superconducting CaFe <sub>0.88</sub> Co <sub>0.12</sub> AsF: An Inelastic Neutron Scattering Study. <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 104716	1.5	2
30	The temperature evolution of the magnetic correlations in pure and diluted spin ice Ho <sub>2-2y</sub> Ti <sub>2</sub> O <sub>7</sub> . <i>Physica B: Condensed Matter</i> , <b>2011</b> , 406, 2393-2396	2.8	2
29	Magnetic correlations in pyrochlore spin ice as probed by polarized neutron scattering. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 211, 012013	0.3	2
28	Anomalous phonons in CaFe <sub>2</sub> As <sub>2</sub> explored by inelastic neutron scattering. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 251, 012008	0.3	2
27	Re-examination of charge and orbital ordering in lightly doped La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> by X-ray scattering. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E291-E292	2.8	2
26	Local structure of NiTi nanocrystals studied by EXAFS and XRD. <i>Journal of Synchrotron Radiation</i> , <b>2001</b> , 8, 520-1	2.4	2
25	Covalent-bond stabilization of the Si(1 1 1)-3211-Pb structure. <i>Surface Science</i> , <b>2001</b> , 486, L495-L501	1.8	2
24	In-plane uniaxial pressure-induced out-of-plane antiferromagnetic moment and critical fluctuations in BaFeAs. <i>Nature Communications</i> , <b>2020</b> , 11, 5728	17.4	2
23	Interplay of Dzyaloshinskii-Moriya and Kitaev interactions for magnonic properties of Heisenberg-Kitaev honeycomb ferromagnets. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
22	Absence of moment fragmentation in the mixed B-site pyrochlore Nd <sub>2</sub> GaSbO <sub>7</sub> . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2



21	Spin reorientation in FeCrAs revealed by single-crystal neutron diffraction. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2
20	NiCrAl Alloy for neutron scattering at high pressures. <i>Materials Science and Technology</i> , <b>2020</b> , 36, 949-954.	4.5	2
19	Non-Fermi-liquid to Fermi-liquid transports in iron-pnictide $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ and the electronic correlation strength in superconductors newly probed by the normal-state Hall angle. <i>New Journal of Physics</i> , <b>2017</b> , 19, 033039	2.9	1
18	Revealing magnetic ground state of a layered cathode material by muon spin relaxation and neutron scattering experiments. <i>Applied Physics Letters</i> , <b>2019</b> , 114, 203901	3.4	1
17	Study of local structure of YNi <sub>2</sub> B <sub>2</sub> C superconductor by EXAFS. <i>Physica C: Superconductivity and Its Applications</i> , <b>1997</b> , 282-287, 725-726	1.3	1
16	Probing the (001) surface of magnetite crystals by second harmonic generation. <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 396006	1.8	1
15	Neutron scattering study of commensurate magnetic ordering in single crystal CeSb. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 405605	1.8	1
14	Magnetic Field Induced Quantum Spin Liquid in the Two Coupled Trillium Lattices of $\text{K}_2\text{Ni}_2(\text{SO}_4)_3$ . <i>Physical Review Letters</i> , <b>2021</b> , 127, 157204	7.4	1
13	Double-peak specific heat and spin freezing in the spin-2 triangular lattice antiferromagnet FeAl <sub>2</sub> Se <sub>4</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	1
12	Reentrant Spin Glass and Large Coercive Field Observed in a Spin Integer Dimerized Honeycomb Lattice. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2004744	15.6	1
11	Clamp cells for high pressure neutron scattering at low temperatures and high magnetic fields at Heinz Maier-Leibnitz Zentrum (MLZ). <i>High Pressure Research</i> , <b>2021</b> , 41, 88-96	1.6	1
10	Structural Transformations and Magnetic Properties of Mixed Spinel-Type NiCr <sub>1.7</sub> Fe <sub>0.3</sub> O <sub>4</sub> Nanoparticles. <i>Physica Status Solidi (B): Basic Research</i> , <b>2021</b> , 258, 2100284	1.3	1
9	Disorder-induced broadening of the spin waves in the triangular-lattice quantum spin liquid candidate YbZnGaO <sub>4</sub> . <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	1
8	Soliton-Mediated Magnetic Reversal in an All-Oxide-Based Synthetic Antiferromagnetic Superlattice. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 20788-20795	9.5	0
7	Focus on high-temperature superconductors. <i>Neutron News</i> , <b>2015</b> , 26, 36-39	0.4	
6	Simulation and optimization of a new focusing polarizing bender for the diffuse neutrons scattering spectrometer DNS at MLZ. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 862, 012018	0.3	
5	Poster: Spin-Related Phenomena <b>2013</b> , 589-632		
4	Pressure-driven Phase Transition in CaFeAsF at 40 and 300 K. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 377, 012034	0.3	

- 3 Study of local structure changes of HBCCO superconductor with EXAFS. *Physica C: Superconductivity and Its Applications*, **1997**, 282-287, 913-914 1.3
- 2 Topology Meets Correlation: Neutron Scattering from Correlated Topological Materials. *Neutron News*, 1-3 0.4
- 1 Physical properties and magnetic structure of a layered antiferromagnet PrPd<sub>0.82</sub>Bi<sub>2</sub>. *Chinese Physics B*, **2020**, 29, 067502 1.2