

Georg Ehlers

List of Publications by Year in descending order

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194
papers

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citations

66343

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75
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195
all docs

195
docs citations

195
times ranked

6808
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant anharmonic phonon scattering in PbTe. Nature Materials, 2011, 10, 614-619.	27.5	561
2	Orbitally driven giant phonon anharmonicity in SnSe . Nature Physics, 2015, 11, 1063-1069.	16.7	539
3	Continuous excitations of the triangular-lattice quantum spin liquid YbMgGaO_4 . Nature Physics, 2017, 13, 117-122.	16.7	276
4	The new cold neutron chopper spectrometer at the Spallation Neutron Source: Design and performance. Review of Scientific Instruments, 2011, 82, 085108.	1.3	220
5	The Spallation Neutron Source in Oak Ridge: A powerful tool for materials research. Physica B: Condensed Matter, 2006, 385-386, 955-960.	2.7	163
6	Glass-like phonon scattering from a spontaneous nanostructure in AgSbTe_2 . Nature Nanotechnology, 2013, 8, 445-451.	31.5	161
7	Phase transitions, partial disorder and multi-kstructures in $\text{Gd}_2\text{Ti}_2\text{O}_7$. Journal of Physics Condensed Matter, 2004, 16, L321-L326.	1.8	130
8	Phonon Self-Energy and Origin of Anomalous Neutron Scattering Spectra in SnTe and PbTe Thermoelectrics. Physical Review Letters, 2014, 112, 175501.	7.8	125
9	Dynamics of Protein and its Hydration Water: Neutron Scattering Studies on Fully Deuterated GFP. Biophysical Journal, 2012, 103, 1566-1575.	0.5	121
10	Dynamic frustrated magnetism in $\text{Tb}_2\text{Ti}_2\text{O}_7$ at 50 mK. Physical Review B, 2003, 68, .	3.2	118
11	Geometrically frustrated magnetic structures of the heavy-fermion compound CePdAl studied by powder neutron diffraction. Journal of Physics Condensed Matter, 1996, 8, 11213-11229.	1.8	110
12	A comparison of four direct geometry time-of-flight spectrometers at the Spallation Neutron Source. Review of Scientific Instruments, 2014, 85, 045113.	1.3	107
13	Observation of Two Time Scales in the Ferromagnetic Manganite $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$, $x \approx 0.3$. Physical Review Letters, 2000, 85, 3285-3288.	7.8	105
14	Static and Dynamical Properties of the Spin- $\langle \text{mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle 1 \langle / \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle / \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle / \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Equilateral Triangular-Lattice Antiferromagnet} \langle \text{mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ba} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle / \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Physical Review Letters, 2016, 116, 087201.}$	7.8	99
15	Selective breakdown of phonon quasiparticles across superionic transition in CuCrSe_2 . Nature Physics, 2019, 15, 73-78.	16.7	88
16	Dynamical crossover in \hat{A} spin ice. Journal of Physics Condensed Matter, 2003, 15, L9-L15.	1.8	83
17	Einstein modes in the phonon density of states of the single-filled skutterudite $\text{Yb} \langle \text{mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Yb} \langle / \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0.2 \langle / \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Physical Review B, 2010, 82, .}$	3.2	77
18	Anharmonic lattice dynamics and superionic transition in AgCrSe_2 . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3930-3937.	7.1	73

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37	Dynamic Properties of a Diluted Pyrochlore Cooperative Paramagnet $(\text{Tb}_{1-x}\text{Y}_x)_2\text{Ti}_2\text{O}_7$. Physical Review Letters, 2004, 92, 107204.	7.8	53
38	Magnetic excitations in the geometric frustrated multiferroic CuCrO . Physical Review B, 2011, 84, .	3.2	50
39	From Spin Glass to Quantum Spin Liquid Ground States in Molybdate Pyrochlores. Physical Review Letters, 2014, 113, 117201.	7.8	49
40	Inelastic neutron scattering studies of YFeO_3 . Physical Review B, 2014, 89, .	7.2	46
41	Extended anharmonic collapse of phonon dispersions in SnS and SnSe . Nature Communications, 2020, 11, 4430.	12.8	46
42	Dynamics and Rigidity in an Intrinsically Disordered Protein, β^2 -Casein. Journal of Physical Chemistry B, 2014, 118, 7317-7326.	2.6	44
43	The long-wavelength neutron spin-echo spectrometer IN15 at the Institut Laue-Langevin. Physica B: Condensed Matter, 1997, 241-243, 164-165.	2.7	41
44	Dynamics of diluted Ho spin ice $\text{Ho}_{2-x}\text{Y}_x\text{Ti}_2\text{O}_7$ studied by neutron spin echo spectroscopy and ac susceptibility. Physical Review B, 2006, 73, .	3.2	41
45	Negative thermal expansion and magnetoelastic coupling in the breathing pyrochlore lattice material $\text{LiGaCr}_4\text{S}_8$. Physical Review B, 2018, 97, .	3.1	40
46	Anomalous transition from antiferromagnetic to ferromagnetic order in the pseudoternary series $\text{TbNi}_{1-x}\text{Cu}_x\text{Al}$. Europhysics Letters, 1997, 37, 269-274.	2.0	39
47	High-resolution neutron spectroscopy using backscattering and neutron spin-echo spectrometers in soft and hard condensed matter. Nature Reviews Physics, 2020, 2, 103-116.	26.6	38
48	Symmetric and asymmetric excitations of a strong-leg quantum spin ladder. Physical Review B, 2013, 88, .	3.2	36
49	Direct Measurement of Superparamagnetic Fluctuations in Monodomain Fe Particles via Neutron Spin-Echo Spectroscopy. Physical Review Letters, 1999, 82, 1301-1304.	7.8	35
50	The sub-neV resolution NSE spectrometer IN15 at the Institute Laue-Langevin. Physica B: Condensed Matter, 1999, 266, 49-55.	2.7	35
51	Polarized inelastic neutron scattering of the partially ordered spin ice $\text{Tb}_2\text{Sn}_2\text{O}_7$. Physical Review B, 2011, 84, .	3.2	34
52	Statics and dynamics of the highly correlated spin ice $\text{Ho}_2\text{Ti}_2\text{O}_7$. Physical Review B, 2011, 84, .	3.2	34
53	Study of slow dynamic processes in magnetic systems by neutron spin-echo spectroscopy. Journal of Physics Condensed Matter, 2006, 18, R231-R244.	1.8	33
54	Magnitude of the Magnetic Exchange Interaction in the Heavy-Fermion Antiferromagnet CeRhIn_5 . Physical Review Letters, 2014, 113, 246403.	7.8	32

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55	Decoupled spin dynamics in the rare-earth orthoferrite YbFeO_3 : Evolution of magnetic excitations through the spin-reorientation transition. <i>Physical Review B</i> , 2018, 98, .	3.2	31
56	Magnetic structure of CuCrO_2 : a single crystal neutron diffraction study. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 016004.	1.8	30
57	Diffuse magnetic neutron scattering in the highly frustrated double perovskite BaMn_2O_7 . <i>Physical Review B</i> , 2015, 91, .	1.2	29
58	Multi-Grid detector for neutron spectroscopy: results obtained on time-of-flight spectrometer CNCS. <i>Journal of Instrumentation</i> , 2017, 12, P04030-P04030.	1.2	29
59	Interplay between local dynamics and mechanical reinforcement in glassy polymer nanocomposites. <i>Physical Review Materials</i> , 2017, 1, .	2.4	29
60	Strong Anisotropic Dynamics of Ultra-Confined Water. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13414-13419.	2.6	28
61	Role of Confinement on Adsorption and Dynamics of Ethane and an Ethane- CO_2 Mixture in Mesoporous CPG Silica. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4843-4853.	3.1	28
62	Dynamic scaling in spin glasses. <i>Physical Review B</i> , 2003, 68, .	3.2	27
63	Spin dynamics in geometrically frustrated antiferromagnetic pyrochlores. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S643-S651.	1.8	27
64	Collective dynamics in the Heisenberg pyrochlore antiferromagnet $\text{Gd}_2\text{Sn}_2\text{O}_7$. <i>Physical Review B</i> , 2008, 78, .	3.2	27
65	Coexistence of ferromagnetism and superconductivity in CeO_F . <i>Physical Review B</i> , 2014, 90, .	3.2	27
66	Structure and Dynamics of Octamethyl-POSS Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5579-5592.	3.1	27
67	Magnetic ground state of the Ising-like antiferromagnet DyScO_3 . <i>Physical Review B</i> , 2017, 96, .	3.2	27
68	Recent developments of MCViNE and its applications at SNS. <i>Journal of Physics Communications</i> , 2019, 3, 085005.	1.2	27
69	Neutron resonance spin echo using spin echo correction coils. <i>Chemical Physics</i> , 2003, 292, 501-510.	1.9	26
70	Crystal field splitting, local anisotropy, and low-energy excitations in the quantum magnet YbCl_3 . <i>Physical Review B</i> , 2019, 100, .	3.2	26
71	Strongly Anharmonic Phonons and Their Role in Superionic Diffusion and Ultralow Thermal Conductivity of Cu_7PSe_6 . <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	26
72	Diffusion of n-hexane in 5A zeolite studied by the neutron spin-echo and pulsed-field gradient NMR techniques. <i>Microporous and Mesoporous Materials</i> , 2003, 59, 113-121.	4.4	25

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73	Effect of carrier doping on the formation and collapse of magnetic polarons in lightly hole-doped $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Physical Review B</i> , 2011, 83, .	3.2	25
74	Generalization of the classical xyz-polarization analysis technique to out-of-plane and inelastic scattering. <i>Review of Scientific Instruments</i> , 2013, 84, 093901.	1.3	25
75	Onset of Cooperative Dynamics in an Equilibrium Glass-Forming Metallic Liquid. <i>Journal of Physical Chemistry B</i> , 2016, 120, 1142-1148.	2.6	25
76	Neutron scattering investigations of the partially ordered pyrochlore $\text{Tb}_2\text{Sn}_2\text{O}_7$. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 486005.	1.8	24
77	Coherent Neutron Scattering and Collective Dynamics in the Protein, GFP. <i>Biophysical Journal</i> , 2013, 105, 2182-2187.	0.5	24
78	Antiferromagnetic ordering and dipolar interactions of YbAlO_3 . <i>Physical Review B</i> , 2019, 99, .	3.2	24
79	Van Hove singularity in the magnon spectrum of the antiferromagnetic quantum honeycomb lattice. <i>Nature Communications</i> , 2021, 12, 171.	12.8	24
80	Crystals for neutron scattering studies of quantum magnetism. <i>Philosophical Magazine</i> , 2012, 92, 2629-2647.	1.6	23
81	Unstable spin-ice order in the stuffed metallic pyrochlore Pr_2O_7 . <i>Physical Review B</i> , 2015, 92, .	7.8	23
82	Multiphase magnetism in $\text{Yb}_2\text{Ti}_2\text{O}_7$. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27245-27254.	7.1	23
83	Different diffusivities of xylene isomers in BaX zeolite measured by the neutron spin echo technique. <i>Microporous and Mesoporous Materials</i> , 2002, 56, 27-32.	4.4	22
84	Direct Observation of a Nuclear Spin Excitation in Ho_2O_7 . <i>Physical Review Letters</i> , 2009, 102, 016405.	7.8	22
85	High-resolution neutron scattering study of Tb_2O_7 . <i>Physical Review B</i> , 2009, 79, 014405.	3.2	22
86	Spin dynamics, short-range order, and spin freezing in Y_2O_5 . <i>Physical Review B</i> , 2009, 79, 014405.	3.2	22
87	Dynamics of linarite: Observations of magnetic excitations. <i>Physical Review B</i> , 2017, 95, .	3.2	22
88	Structural relaxation, viscosity, and network connectivity in a hydrogen bonding liquid. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25859-25869.	2.8	22
89	Neutron Spin-Echo Investigation of Slow Spin Dynamics in Kagomé-Bilayer Frustrated Magnets as Evidence for Phonon Assisted Relaxation in $\text{SrCr}_9\text{Ga}_{12}\text{As}_9\text{O}_{19}$. <i>Physical Review Letters</i> , 2006, 97, 047203.	7.8	21
90	Frustrated magnetic moments in RNiAl intermetallic compounds. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 667-669.	2.7	20

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91	The wide-angle neutron spin echo spectrometer project WASP. Journal of Neutron Research, 2007, 15, 39-47.	1.1	20
92	Cluster Frustration in the Breathing Pyrochlore Magnet $\text{LiGaCr}_8\text{S}_8$ Physical Review Letters, 2020, 125, 167201.	3.2	19
93	Anomalous transition from antiferromagnetic to ferromagnetic order in $\text{Tb}_{1-x}\text{Y}_x\text{NiAl}$. Physical Review B, 1999, 59, 8821-8827.	3.2	19
94	Excitations in a quantum spin liquid with random bonds. Physical Review B, 2012, 86, .	3.2	19
95	Enhanced survival of short-range magnetic correlations and frustrated interactions in $\text{R}_3\text{T}_2\text{O}_{12}$ intermetallics. Journal of Magnetism and Magnetic Lattice dynamics and thermal transport in multiferroic CuCrO_2 . Physical Review B, 2017, 95, .	2.3	19
96	The origin of persistent spin dynamics and residual entropy in the stuffed spin ice $\text{Ho}_{2.3}\text{Ti}_{1.7}\text{O}_7$. Journal of Physics Condensed Matter, 2007, 19, 342201.	1.8	18
97	Painting biological low-frequency vibrational modes from small peptides to proteins. Physical Chemistry Chemical Physics, 2015, 17, 11423-11431.	2.8	18
99	Order out of a Coulomb Phase and Higgs Transition: Frustrated Transverse Interactions of Nd_2O_7 Physical Review Letters, 2020, 124, 097203.	1.8	18
100	Topological magnon band structure of emergent Landau levels in a skyrmion lattice. Science, 2022, 375, 1025-1030.	12.6	18
101	Dynamics of frustrated magnetic moments in antiferromagnetically ordered TbNiAl probed by neutron time-of-flight and spin-echo spectroscopy. Physical Review B, 2001, 63, .	3.2	17
102	High magnetic field evolution of ferroelectricity in CuCrO_2 Physical Review B, 2014, 89, .	3.2	17
103	Magnetic structure of Yb_2O_7 Ising moments on the Shastry-Sutherland lattice. Physical Review B, 2016, 93, .	3.2	17
104	Spin dynamics in $\text{Ho}_2\text{Ru}_2\text{O}_7$. Journal of Physics Condensed Matter, 2005, 17, 7089-7095.	1.8	16
105	Dynamic spin correlations in stuffed spin ice $\text{Ho}_2\text{Ti}_2\text{O}_7$ Physical Review B, 2008, 77, .	3.2	16
106	Phases of superfluid helium in smooth cylindrical pores. Physical Review B, 2013, 88, .	3.2	16
107	Magnetic properties of the $S=12$ quasisquare lattice antiferromagnet $\text{CuF}_2(\text{H}_2\text{O})_2(\text{pyz})$ (pyz=pyrazine) investigated by neutron scattering. Physical Review B, 2012, 86, .	3.2	15
108	Tunable emergent heterostructures in a prototypical correlated metal. Nature Physics, 2018, 14, 456-460.	16.7	15

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109	Anisotropic exchange Hamiltonian, magnetic phase diagram, and domain inversion of NdO_7 . Physical Review B, 2019, 99, .	3.2	15
110	Larmor clock and measuring of neutron interaction time with quantum objects. Physica B: Condensed Matter, 2001, 297, 307-310.	2.7	14
111	dynamics in the low-temperature phases of Ni_3VO .	3.2	14
112	spin waves in CrCl_2 .	3.2	14
113	Elasticity and Inverse Temperature Transition in Elastin. Journal of Physical Chemistry Letters, 2015, 6, 4018-4025.	4.6	14
114	Evidence for interpenetrating magnetic structures across an IC-C phase transition in $\text{Mn}_{0.88}\text{Fe}_{0.12}\text{WO}_4$. Journal of Physics Condensed Matter, 2001, 13, 2753-2766.	1.8	13
115	Magnetic order and crystal field excitations in $\text{Er}_2\text{Ru}_2\text{O}_7$: a neutron scattering study. Journal of Physics Condensed Matter, 2009, 21, 436004.	1.8	13
116	Phonon scattering rates and atomic ordering in Ag_1		

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127	Molecular origins of bulk viscosity in liquid water. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9494-9502.	2.8	11
128	Slow and static spin correlations in Dy ₂ Ti ₂ O ₇ . <i>Journal of Physics Condensed Matter</i> , 2011, 23, 164220.	1.8	10
129	Coupled antiferromagnetic spin-1 in green diopside. <i>Physical Review B</i> , 2016, 93, .	3.2	10
130	Scaling of Memories and Crossover in Glassy Magnets. <i>Scientific Reports</i> , 2017, 7, 12053.	3.3	10
131	Suppressed-moment 2-k order in the canonical frustrated antiferromagnet Gd ₂ Ti ₂ O ₇ . <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	10
132	Rigidity of poly(L-glutamic acid) scaffolds: Influence of secondary and supramolecular structure. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2909-2918.	4.0	9
133	Evidence for the confinement of magnetic monopoles in quantum spin ice. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 45LT01.	1.8	9
134	Quasi-two-dimensional spin correlations in the triangular lattice bilayer spin glass LuCoGaO ₄ . <i>Physical Review B</i> , 2017, 96, .	1.8	9
135	Physical properties of the trigonal binary compound Yb ₃ Ga ₅ O ₁₂ garnet. <i>Physical Review B</i> , 2015, 92, .	3.2	9
136	Physical properties of the trigonal binary compound Nd ₂ O ₃ . <i>Physical Review Materials</i> , 2018, 2, .	2.4	9
137	Frustrated spin correlations in diluted spin ice Ho _{2-x} La _x Ti ₂ O ₇ . <i>Journal of Physics Condensed Matter</i> , 2008, 20, 235206.	1.8	8
138	A detailed study of the magnetic phase transition in CuCrO ₂ . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 496009.	1.8	8
139	Quantum phase transitions and decoupling of magnetic sublattices in the quasi-two-dimensional Ising magnet V ₂ Co ₃ O ₈ in a transverse magnetic field. <i>Physical Review B</i> , 2015, 92, .	3.2	8
140	Fractal diffusion in high temperature polymer electrolyte fuel cell membranes. <i>Journal of Chemical Physics</i> , 2018, 148, 204906.	3.0	8
141	Low-energy spin dynamics in rare-earth perovskite oxides. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 403001.	1.8	8
142	Controlling phonon lifetimes via sublattice disordering in AgBi ₂ S ₄ . <i>Physical Review Materials</i> , 2020, 4, .	2.4	8
143	Benchmarking shielding simulations for an accelerator-driven spallation neutron source. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2015, 18, .	1.8	8
144	Inhomogeneity in the spin channel of ferromagnetic CMR manganites. <i>Physica B: Condensed Matter</i> , 2003, 326, 494-499.	2.7	7

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145	Pressure effect on hydrogen tunneling and vibrational spectrum in Mn_2O_7 . Mn. Physical Review B, 2016, 94, .	3.2	7
146	Spin correlations in the dipolar pyrochlore antiferromagnet $\text{Gd}_2\text{Sn}_2\text{O}_7$. Journal of Physics Condensed Matter, 2017, 29, 144001. Spin excitations and quantum criticality in the quasi-one-dimensional long-limb ferromagnet	1.8	7
147	Spin excitations and quantum criticality in the quasi-one-dimensional long-limb ferromagnet CoCl_2 in a transverse field. Physical Review B, 2017, 96, .	3.2	7
148	Observation of soft phonon mode in TbFe_3 by inelastic neutron scattering. Physical Review B, 2018, 97, .	3.2	7
149	Ice Ih revisited: No proton tunneling observed in a quasielastic neutron scattering experiment. Physical Review B, 2018, 98, .	3.2	7
150	Performance tests of boron-coated straw detectors with thermal and cold neutron beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 953, 163238.	1.6	7
151	Magnetic order with frustrated moments in TbNiAl . Journal of Magnetism and Magnetic Materials, 1998, 177-181, 797-798.	2.3	6
152	Low-temperature relaxation in kagome bilayer antiferromagnets. Journal of Physics Condensed Matter, 2007, 19, 145254.	1.8	6
153	Temperature-driven phase transformation in Y_3Co : Neutron scattering and first-principles studies. Physical Review B, 2013, 88, .	3.2	6
154	Hybrid excitations due to crystal field, spin-orbit coupling, and spin waves in LiFePO_4 . Physical Review B, 2017, 95, .	3.2	6
155	Magnetic correlations in YBaCo_4O_7 on kagome and triangular lattices. Physical Review B, 2020, 101, .	3.2	6
156	What neutrons do tell us about the nature of (spin) glasses?. Physica B: Condensed Matter, 2000, 276-278, 543-546.	2.7	5
157	Experimental evidence for dynamic scaling in spin glasses. Applied Physics A: Materials Science and Processing, 2002, 74, s907-s909.	2.3	5
158	Persistence of magnons in a site-diluted dimerized frustrated antiferromagnet. Journal of Physics Condensed Matter, 2011, 23, 416003.	1.8	5
159	Coincidence of collective relaxation anomaly and specific heat peak in a bulk metallic glass-forming liquid. Physical Review B, 2015, 92, .	3.2	5
160	Characterization of the radiation background at the Spallation Neutron Source. Journal of Physics: Conference Series, 2016, 746, 012033.	0.4	5
161	Hierarchical excitations from correlated spin tetrahedra on the breathing pyrochlore lattice. Physical Review B, 2021, 103, .	3.2	5
162	Pressure-induced change of magnetic order in $\text{Tb}_{1-x}\text{Y}_x\text{NiAl}$ and $\text{TbNi}_{1-x}\text{Cu}_x\text{Al}$. Physica B: Condensed Matter, 2000, 276-278, 650-651.	2.7	4

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163	Neutron diffraction at the magnetic structure of Mn _{0.88} Fe _{0.12} WO ₄ . Physica B: Condensed Matter, 2000, 276-278, 596-597.	2.7	4
164	Order and disorder in the local and long-range structure of the spin-glass pyrochlore, Tb ₂ Mo ₂ O ₇ . Journal of Physics Condensed Matter, 2011, 23, 164214.	1.8	4
165	Quantum critical fluctuations in the heavy fermion compound Ce(Ni _{0.935} Pd _{0.065}) ₂ Ge ₂ . Journal of Physics Condensed Matter, 2015, 27, 015602.	1.8	4
166	Multicomponent fluctuation spectrum at the quantum critical point in CeCu _{6-x} Ag _x . Npj Quantum Materials, 2019, 4, .	5.2	4
167	Low-temperature spin dynamics in the orthoferrite with a non-Kramers ion. Physical Review B, 2020, 101, .	3.2	3
168	EXPANSE: A time-of-flight EXPANded Angle Neutron Spin Echo spectrometer at the Second Target Station of the Spallation Neutron Source. Review of Scientific Instruments, 2022, 93, .	1.3	4
169	Comment on "Magnetic structure of Gd ₂ Ti ₂ O ₇ ". Physical Review B, 2012, 85, .	3.2	3
170	Pressure-induced structural phase transition in CeNi: X-ray and neutron scattering studies and first-principles calculations. Physical Review B, 2015, 92, .	3.2	3
171	Comprehensive inelastic neutron scattering study of the multiferroic Mn _{1-x} CoxWO ₄ . Physical Review B, 2018, 98, .	3.2	3
172	Atomic dynamics of metallic glass melts La ₅₀ Ni ₁₅ Al ₃₅ and Ce ₇₀ Cu ₁₉ Al ₁₁ studied by quasielastic neutron scattering. Physical Review B, 2021, 103, .	3.2	3
173	Modulation of intensity emerging from zero effort (MIEZE) with extended Fourier time at large scattering angle. Review of Scientific Instruments, 2022, 93, 013301.	1.3	3
174	Spin dynamics in the skyrmion-host lacunar spinel GaV ₄ S ₈ . Physical Review B, 2021, 104, .	3.2	3
175	Magnetic order in TbNiAl and TbCuAl intermetallic compounds. Zeitschrift für Physik B-Condensed Matter, 1995, 99, 145-150.	1.1	2
176	Low Q measurement of super-paramagnetic fluctuations in monodomain Fe particles. Physica B: Condensed Matter, 2000, 276-278, 664-665.	2.7	2
177	Field integral correction in neutron resonance spin echo. Physica B: Condensed Matter, 2004, 350, E807-E810.	2.7	2
178	New relaxation processes in diluted. Physica B: Condensed Matter, 2010, 405, 774-777.	2.7	2
179	Neutron polarization analysis at a time-of-flight instrument. EPJ Web of Conferences, 2015, 83, 03004.	0.3	2
180	Damped spin waves in the intermediate ordered phases in Ni ₃ V ₂ O ₈ . Journal of Physics Condensed Matter, 2015, 27, 256003.	1.8	2

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181	Figure-of-Merit for a Cold Coupled Moderator at the SNS Second Target Station suited for Direct Geometry Inelastic Spectrometers. Journal of Physics: Conference Series, 2018, 1021, 012032.	0.4	2
182	Future directions for spectroscopy at the Spallation Neutron Source. Physica B: Condensed Matter, 2019, 564, 5-9.	2.7	2
183	Dynamics of Frustrated Magnetic Moments in Antiferromagnetically Ordered TbNiAl Probed by Spin Echo and Time-of-Flight Spectroscopy. Lecture Notes in Physics, 2002, , 222-231.	0.7	2
184	Neutron-Spin-Echo Spectroscopy and Magnetism. , 2006, , 521-542.		2
185	Change from antiferromagnetic to ferromagnetic order in the pseudo-ternary series TbNi \hat{a}^x Cu \hat{a} Al. Physica B: Condensed Matter, 1997, 234-236, 670-672.	2.7	1
186	Characterization of Magnetic Materials by Means of Neutron Scattering. , 2006, , 976-976.		1
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