Georg Ehlers

List of Publications by Year
in descending order

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194 papers	6,826 citations	66234 42 h-index	74018 75 g-index
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.	13.3	561
2	Orbitally driven giant phonon anharmonicity inÂSnSe. Nature Physics, 2015, 11, 1063-1069.	6.5	539
3	Continuous excitations of the triangular-lattice quantum spin liquid YbMgGaO4. Nature Physics, 2017, 13, 117-122.	6.5	276
4	The new cold neutron chopper spectrometer at the Spallation Neutron Source: Design and performance. Review of Scientific Instruments, 2011, 82, 085108.	0.6	220
5	The Spallation Neutron Source in Oak Ridge: A powerful tool for materials research. Physica B: Condensed Matter, 2006, 385-386, 955-960.	1.3	163
6	Glass-like phonon scattering from a spontaneous nanostructure in AgSbTe2. Nature Nanotechnology, 2013, 8, 445-451.	15.6	161
7	Phase transitions, partial disorder and multi-kstructures in Gd2Ti2O7. Journal of Physics Condensed Matter, 2004, 16, L321-L326.	0.7	130
8	Phonon Self-Energy and Origin of Anomalous Neutron Scattering Spectra in SnTe and PbTe Thermoelectrics. Physical Review Letters, 2014, 112, 175501.	2.9	125
9	Dynamics of Protein and its Hydration Water: Neutron Scattering Studies on Fully Deuterated GFP. Biophysical Journal, 2012, 103, 1566-1575.	0.2	121
10	Dynamic frustrated magnetism inTb2Ti2O7at 50 mK. Physical Review B, 2003, 68, .	1.1	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.	0.7	110
12	A comparison of four direct geometry time-of-flight spectrometers at the Spallation Neutron Source. Review of Scientific Instruments, 2014, 85, 045113.	0.6	107
13	Observation of Two Time Scales in the Ferromagnetic ManganiteLa1âˆ’xCaxMnO3,xâ‰ˆ0.3. Physical Review Letters, 2000, 85, 3285-3288.	2.9	105
14	Static and Dynamical Properties of the Spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math>Equilate Triangular-Lattice Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:m Physical Review Letters, 2016, 116, 087201.	2.9	99
15	Selective breakdown of phonon quasiparticles across superionic transition in CuCrSe2. Nature Physics, 2019, 15, 73-78.	6.5	88
16	Dynamical crossover in ÂhotÂ spin ice. Journal of Physics Condensed Matter, 2003, 15, L9-L15.	0.7	83
17	Einstein modes in the phonon density of states of the single-filled skutterudite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Yb</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.2</mml:m Physical Review B, 2010, 82, .	1.1	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.	3.3	73

#	Article	IF	Citations
19	Evidence for two distinct spin relaxation mechanisms in ÂhotÂ spin ice Ho2Ti2O7. Journal of Physics Condensed Matter, 2004, 16, S635-S642.	0.7	71
20	Spin-spin correlations in Yb_{2}Ti_{2}O_{7} : A polarized neutron scattering study. Physical Review B, 2004, 70, .	1.1	70
21	Structure and Hydration of Highly-Branched, Monodisperse Phytoglycogen Nanoparticles. Biomacromolecules, 2016, 17, 735-743.	2.6	70
22	Crystal structure, lattice vibrations, and superconductivity of LaO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>1</mml:mn><mml:mo>â”</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>BiS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	68
23	The cold neutron chopper spectrometer at the Spallation Neutron Sourceâ€”A review of the first 8 years of operation. Review of Scientific Instruments, 2016, 87, 093902.	0.6	68
24	Orbital-exchange and fractional quantum number excitations in an f-electron metal, Yb ₂ Pt ₂ Pb. Science, 2016, 352, 1206-1210.	6.0	68
25	Description of Hydration Water in Protein (Green Fluorescent Protein) Solution. Journal of the American Chemical Society, 2017, 139, 1098-1105.	6.6	68
26	Rigidity, Secondary Structure, and the Universality of the Boson Peak in Proteins. Biophysical Journal, 2014, 106, 2667-2674.	0.2	66
27	Secondary structure and rigidity in model proteins. Soft Matter, 2013, 9, 9548.	1.2	65
28	Long-range magnetic interactions in the multiferroic antiferromagnet MnWO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 83, .	1.1	64
29	Anharmonicity and atomic distribution of SnTe and PbTe thermoelectrics. Physical Review B, 2014, 90, .	1.1	64
30	Spin structures with frustrated moments in RNiAl intermetallic compounds. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1997, 101, 317-327.	1.1	63
31	Liquidlike correlations in single-crystalline Y<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Mo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>.	1.1	62
32	Magnetic order in TbNiAl and TbCuAl intermetallic compounds. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1995, 99, 145-150.	1.1	60
33	Tomonagaâ€“Luttinger liquid behavior and spinon confinement in YbAlO3. Nature Communications, 2019, 10, 698.	5.8	56
34	Accelerated Diffusion of Long-Chain Alkanes between Nanosized Cavities. Angewandte Chemie - International Edition, 2004, 43, 364-366.	7.2	55
35	Diffusivities of n-Alkanes in 5A Zeolite Measured by Neutron Spin Echo, Pulsed-Field Gradient NMR, and Zero Length Column Techniques. Adsorption, 2005, 11, 403-407.	1.4	55
36	Gapless quantum excitations from an icelike splayed ferromagnetic ground state in stoichiometric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Yb</mml:mi><mml:mn>12</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:msub><mml:mi>O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	1.1	54

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37	Dynamic Properties of a Diluted Pyrochlore Cooperative Paramagnet(TbpY1â^'p)2Ti2O7. Physical Review Letters, 2004, 92, 107204.	2.9	53
38	Magnetic excitations in the geometric frustrated multiferroic CuCrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	1.1	50
39	From Spin Glass to Quantum Spin Liquid Ground States in Molybdate Pyrochlores. Physical Review Letters, 2014, 113, 117201.	2.9	49
40	Inelastic neutron scattering studies of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>YFeO</mml:mtext><mml:mn>3</mml:mn></mml:msu Physical Review B, 2014, 89, .	1.1	46
41	Extended anharmonic collapse of phonon dispersions in SnS and SnSe. Nature Communications, 2020, 11, 4430.	5.8	46
42	Dynamics and Rigidity in an Intrinsically Disordered Protein, Î²-Casein. Journal of Physical Chemistry B, 2014, 118, 7317-7326.	1.2	44
43	The long-wavelength neutron spin-echo spectrometer IN15 at the Institut Laue-Langevin. Physica B: Condensed Matter, 1997, 241-243, 164-165.	1.3	41
44	Dynamics of diluted Ho spin iceHo2â^'xYxTi2O7studied by neutron spin echo spectroscopy and ac susceptibility. Physical Review B, 2006, 73, .	1.1	41
45	Negative thermal expansion and magnetoelastic coupling in the breathing pyrochlore lattice material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LiGaCr</mml:mi><mml:mn>4</mml:mn><mml:mathvariant="normal">S</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	1.1	41
46	Anomalous transition from antiferromagnetic to ferromagnetic order in the pseudoternary series TbNi 1 â^' x Cu x Al. Europhysics Letters, 1997, 37, 269-274.	0.7	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.	11.9	38
48	Symmetric and asymmetric excitations of a strong-leg quantum spin ladder. Physical Review B, 2013, 88, .	1.1	36
49	Direct Measurement of Superparamagnetic Fluctuations in Monodomain Fe Particles via Neutron Spin-Echo Spectroscopy. Physical Review Letters, 1999, 82, 1301-1304.	2.9	35
50	The sub-neV resolution NSE spectrometer IN15 at the Institute Laueâ€“Langevin. Physica B: Condensed Matter, 1999, 266, 49-55.	1.3	35
51	Polarized inelastic neutron scattering of the partially ordered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Tb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>.	1.1	34
52	Statics and dynamics of the highly correlated spin ice Ho<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ge<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	1.1	34
53	Study of slow dynamic processes in magnetic systems by neutron spin-echo spectroscopy. Journal of Physics Condensed Matter, 2006, 18, R231-R244.	0.7	33
54	Magnitude of the Magnetic Exchange Interaction in the Heavy-Fermion Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeRhIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2014, 113, 246403.	2.9	32

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55	Decoupled spin dynamics in the rare-earth orthoferrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> : Evolution of magnetic excitations through the spin-reorientation transition. Physical Review B, 2018, 98, .	1.1	31
56	Magnetic structure of CuCrO₂: a single crystal neutron diffraction study. Journal of Physics Condensed Matter, 2012, 24, 016004.	0.7	30
57	Diffuse magnetic neutron scattering in the highly frustrated double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>Ba</mml:mtext><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2015, 91, .	1.1	30
58	Multi-Grid detector for neutron spectroscopy: results obtained on time-of-flight spectrometer CNCS. Journal of Instrumentation, 2017, 12, P04030-P04030.	0.5	29
59	Interplay between local dynamics and mechanical reinforcement in glassy polymer nanocomposites. Physical Review Materials, 2017, 1, .	0.9	29
60	Strong Anisotropic Dynamics of Ultra-Confined Water. Journal of Physical Chemistry B, 2014, 118, 13414-13419.	1.2	28
61	Role of Confinement on Adsorption and Dynamics of Ethane and an Ethaneâ€“CO₂ Mixture in Mesoporous CPG Silica. Journal of Physical Chemistry C, 2016, 120, 4843-4853.	1.5	28
62	Dynamic scaling in spin glasses. Physical Review B, 2003, 68, .	1.1	27
63	Spin dynamics in geometrically frustrated antiferromagnetic pyrochlores. Journal of Physics Condensed Matter, 2004, 16, S643-S651.	0.7	27
64	Collective dynamics in the Heisenberg pyrochlore antiferromagnetGd2Sn2O7. Physical Review B, 2008, 78, .	1.1	27
65	Coexistence of ferromagnetism and superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeO</mml:mi><mml:mrow><mml:mn>0.3</mml:mn> mathvariant="normal">F</mml:mi><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>BiS</mml:mi> Physical Review B, 2014, 90, .	1.1	27
66	Structure and Dynamics of Octamethyl-POSS Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 5579-5592.	1.5	27
67	Magnetic ground state of the Ising-like antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>DyScO</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2017, 96, .	1.1	27
68	Recent developments of MCViNE and its applications at SNS. Journal of Physics Communications, 2019, 3, 085005.	0.5	27
69	Neutron resonance spin echo using spin echo correction coils. Chemical Physics, 2003, 292, 501-510.	0.9	26
70	Crystal field splitting, local anisotropy, and low-energy excitations in the quantum magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbCl</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2019, 100, .	1.1	26
71	Strongly Anharmonic Phonons and Their Role in Superionic Diffusion and Ultralow Thermal Conductivity of Cu₇PSe₆. Advanced Energy Materials, 2022, 12, .	10.2	26
72	Diffusion of n-hexane in 5A zeolite studied by the neutron spin-echo and pulsed-field gradient NMR techniques. Microporous and Mesoporous Materials, 2003, 59, 113-121.	2.2	25

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73	Effect of carrier doping on the formation and collapse of magnetic polarons in lightly hole-doped La1â^'xSrxCoO3. Physical Review B, 2011, 83, .	1.1	25
74	Generalization of the classical xyz-polarization analysis technique to out-of-plane and inelastic scattering. Review of Scientific Instruments, 2013, 84, 093901.	0.6	25
75	Onset of Cooperative Dynamics in an Equilibrium Glass-Forming Metallic Liquid. Journal of Physical Chemistry B, 2016, 120, 1142-1148.	1.2	25
76	Neutron scattering investigations of the partially ordered pyrochlore Tb2Sn2O7. Journal of Physics Condensed Matter, 2009, 21, 486005.	0.7	24
77	Coherent Neutron Scattering and Collective Dynamics in the Protein, GFP. Biophysical Journal, 2013, 105, 2182-2187.	0.2	24
78	Antiferromagnetic ordering and dipolar interactions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbAlO</mml:mi><mml:mn>3</mml:mn></mml:msub></m Physical Review B, 2019, 99, .	1.1	24
79	Van Hove singularity in the magnon spectrum of the antiferromagnetic quantum honeycomb lattice. Nature Communications, 2021, 12, 171.	5.8	24
80	Crystals for neutron scattering studies of quantum magnetism. Philosophical Magazine, 2012, 92, 2629-2647.	0.7	23
81	Unstable spin-ice order in the stuffed metallic pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Pr</mml:mi><mml:mrow><mml:mn>2</mml:mn> mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow> Physical Review B, 2015, 92, .	1.1	23
82	Multiphase magnetism in Yb ₂ Ti ₂ O ₇. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27245-27254.	3.3	23
83	Different diffusivities of xylene isomers in BaX zeolite measured by the neutron spin echo technique. Microporous and Mesoporous Materials, 2002, 56, 27-32.	2.2	22
84	Direct Observation of a Nuclear Spin Excitation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ho</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Ti</mml:mi><mml:mn mathvariant="bold">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2009, 102, 016405.	2.9	22
85	High-resolution neutron scattering study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Tb</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Spin dynamics, short-range order, and spin freezing in<mml:math	1.1	22
86	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi fontstyle="normal">Y</mml:mi><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>5</mml:mn></mml:mrow></mml xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:m	1.1	22
87	Dynamics of linarite: Observations of magnetic excitations. Physical Review B, 2017, 95, .	1.1	22
88	Structural relaxation, viscosity, and network connectivity in a hydrogen bonding liquid. Physical Chemistry Chemical Physics, 2017, 19, 25859-25869.	1.3	22
89	Neutron Spin-Echo Investigation of Slow Spin Dynamics in KagomÃ©-Bilayer Frustrated Magnets as Evidence for Phonon Assisted Relaxation inSrCr9xGa12â^'9xO19. Physical Review Letters, 2006, 97, 047203.	2.9	21
90	Frustrated magnetic moments in RNiAl intermetallic compounds. Physica B: Condensed Matter, 1997, 234-236, 667-669.	1.3	20

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91	The wide-angle neutron spin echo spectrometer project WASP. Journal of Neutron Research, 2007, 15, 39-47.	0.4	20
92	Cluster Frustration in the Breathing Pyrochlore Magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>LiGaCr</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">S</mml:mi></mml:mrow><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2020, 125, 167201.	2.9	20
93	Anomalous transition from antiferromagnetic to ferromagnetic order inTb1âˆ’xYxNiAl. Physical Review B, 1999, 59, 8821-8827.	1.1	19
94	Excitations in a quantum spin liquid with random bonds. Physical Review B, 2012, 86, .	1.1	19
95	Enhanced survival of short-range magnetic correlations and frustrated interactions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0012.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="normal">R</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">T</mml:mi></mml:math> intermetallics. Journal of Magnetism and Magnetic	1.0	19
96	Lattice dynamics and thermal transport in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="bold">CuCrO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2017, 95, .	1.1	19
97	The origin of persistent spin dynamics and residual entropy in the stuffed spin ice Ho2.3Ti1.7O7â″Î´. Journal of Physics Condensed Matter, 2007, 19, 342201.	0.7	18
98	Painting biological low-frequency vibrational modes from small peptides to proteins. Physical Chemistry Chemical Physics, 2015, 17, 11423-11431.	1.3	18
99	Order out of a Coulomb Phase and Higgs Transition: Frustrated Transverse Interactions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Nd</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2020, 124, 097203.	2.9	18
100	Topological magnon band structure of emergent Landau levels in a skyrmion lattice. Science, 2022, 375, 1025-1030.	6.0	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, .	1.1	17
102	High magnetic field evolution of ferroelectricity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>CuCrO</mml:mtext><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	1.1	17
103	Magnetic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Yb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Ising moments on the Shastry-Sutherland lattice. Physical Review B, 2016, 93, .	1.1	17
104	Spin dynamics in Ho2Ru2O7. Journal of Physics Condensed Matter, 2005, 17, 7089-7095.	0.7	16
105	Dynamic spin correlations in stuffed spin ice<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Ho</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">Ti</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â″</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â″</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	1.1	16
106	Phases of superfluid helium in smooth cylindrical pores. Physical Review B, 2013, 88, .	1.1	16
107	Magnetic properties of theS=12quasisquare lattice antiferromagnet CuF2(H2O)2(pyz) (pyz=pyrazine) investigated by neutron scattering. Physical Review B, 2012, 86, .	1.1	15
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