

Georg Ehlers

List of Publications by Year in descending order

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194
papers

6,826
citations

66234

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74018

75
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195
all docs

195
docs citations

195
times ranked

6808
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of intensity emerging from zero effort (MIEZE) with extended Fourier time at large scattering angle. Review of Scientific Instruments, 2022, 93, 013301.	0.6	3
2	Topological magnon band structure of emergent Landau levels in a skyrmion lattice. Science, 2022, 375, 1025-1030.	6.0	18
3	Strongly Anharmonic Phonons and Their Role in Superionic Diffusion and Ultralow Thermal Conductivity of Cu ₇ PSe ₆ . Advanced Energy Materials, 2022, 12, .	10.2	26
4	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, .	0.6	4
5	Van Hove singularity in the magnon spectrum of the antiferromagnetic quantum honeycomb lattice. Nature Communications, 2021, 12, 171.	5.8	24
6	Direct determination of the zero-field splitting for the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ ion in a synthetic polymorph of $\langle \text{mml:math} \rangle$		

#	ARTICLE	IF	CITATIONS
19	Magnetic correlations in YBaCo_4O_7 on Kagome and triangular lattices. <i>Physical Review B</i> , 2020, 101, .	1.1	6
20	Low-temperature spin dynamics in the orthoferrite with a non-Kramers ion. <i>Physical Review B</i> , 2020, 101, .	1.1	1
21	Anharmonic lattice dynamics and superionic transition in AgCrSe_2 . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3930-3937.	3.3	73
22	Molecular origins of bulk viscosity in liquid water. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9494-9502.	1.3	11
23	Controlling phonon lifetimes via sublattice disordering in AgBiO_2 . <i>Physical Review Materials</i> , 2020, 4, .	0.0	0
24	Recent developments of MCViNE and its applications at SNS. <i>Journal of Physics Communications</i> , 2019, 3, 085005.	0.5	27
25	Multicomponent fluctuation spectrum at the quantum critical point in CeCu_6Ag_x . <i>Npj Quantum Materials</i> , 2019, 4, .	1.8	4
26	Antiferromagnetic ordering and dipolar interactions of YbAlO_3 . <i>Physical Review B</i> , 2019, 99, .	1.1	2
27	Anisotropic exchange Hamiltonian, magnetic phase diagram, and domain inversion of Nd_2O_7 . <i>Physical Review B</i> , 2019, 99, .	1.1	15
28	Future directions for spectroscopy at the Spallation Neutron Source. <i>Physica B: Condensed Matter</i> , 2019, 564, 5-9.	1.3	2
29	Tomonaga-Luttinger liquid behavior and spinon confinement in YbAlO_3 . <i>Nature Communications</i> , 2019, 10, 698.	5.8	56
30	Crystal field splitting, local anisotropy, and low-energy excitations in the quantum magnet YbCl_3 . <i>Physical Review B</i> , 2019, 100, .	1.1	26
31	Dynamic magnetic response across the pressure-induced structural phase transition in CeNi . <i>Physical Review B</i> , 2019, 99, .	1.1	1
32	Selective breakdown of phonon quasiparticles across superionic transition in CuCrSe_2 . <i>Nature Physics</i> , 2019, 15, 73-78.	6.5	88
33	Observation of soft phonon mode in TbFeO_3 by inelastic neutron scattering. <i>Physical Review B</i> , 2018, 97, .	1.1	7
34	Negative thermal expansion and magnetoelastic coupling in the breathing pyrochlore lattice material LiGaCrS_8 . <i>Physical Review B</i> , 2018, 97, .	1.1	4
35	Tunable emergent heterostructures in a prototypical correlated metal. <i>Nature Physics</i> , 2018, 14, 456-460.	6.5	15
36	Figure-of-Merit for a Cold Coupled Moderator at the SNS Second Target Station suited for Direct Geometry Inelastic Spectrometers. <i>Journal of Physics: Conference Series</i> , 2018, 1021, 012032.	0.3	2

#	ARTICLE	IF	CITATIONS
37	Comprehensive inelastic neutron scattering study of the multiferroic $Mn^{1-x}Co_xWO_4$. Physical Review B, 2018, 98, .	1.1	3
38	Clamp cell with <i>in situ</i> pressure monitoring for low-temperature neutron scattering measurements. High Pressure Research, 2018, 38, 482-492.	0.4	12
39	Scattered neutron background in thermal neutron detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 902, 173-183.	0.7	13
40	Fractal diffusion in high temperature polymer electrolyte fuel cell membranes. Journal of Chemical Physics, 2018, 148, 204906.	1.2	8
41	Decoupled spin dynamics in the rare-earth orthoferrite $YbFeO_3$: Evolution of magnetic excitations through the spin-reorientation transition. Physical Review B, 2018, 98, .	1.1	31
42	Ice Ih revisited: No proton tunneling observed in a quasielastic neutron scattering experiment. Physical Review B, 2018, 98, .	1.1	7
43	Conceptual design of CHESSE, a new direct-geometry inelastic neutron spectrometer dedicated to studying small samples. Journal of Applied Crystallography, 2018, 51, 282-293.	1.9	13
44	Physical properties of the trigonal binary compound Nd_2O_3 . Physical Review Materials, 2018, 2, .	0.9	9
45	Hybrid excitations due to crystal field, spin-orbit coupling, and spin waves in $LiFePO_4$. Physical Review B, 2017, 95, .	1.1	6
46	Lattice dynamics and thermal transport in multiferroic $CuCrO_2$. Physical Review B, 2017, 95, .	1.1	19
47	Spin correlations in the dipolar pyrochlore antiferromagnet $Gd_2Sn_2O_7$. Journal of Physics Condensed Matter, 2017, 29, 144001.	0.7	7
48	Continuous excitations of the triangular-lattice quantum spin liquid $YbMgGaO_4$. Nature Physics, 2017, 13, 117-122.	6.5	276
49	Multi-Grid detector for neutron spectroscopy: results obtained on time-of-flight spectrometer CNCS. Journal of Instrumentation, 2017, 12, P04030-P04030.	0.5	29
50	Magnetic ground state of the Ising-like antiferromagnet $DyScO_3$. Physical Review B, 2017, 96, .	1.1	17
51	Evidence for the confinement of magnetic monopoles in quantum spin ice. Journal of Physics Condensed Matter, 2017, 29, 45LT01.	0.7	9
52	Dynamics of linarite: Observations of magnetic excitations. Physical Review B, 2017, 95, .	1.1	22
53	Quasi-two-dimensional spin correlations in the triangular lattice bilayer spin glass $LuCoGaO$. Physical Review B, 2017, 96, .	0.9	9
54	Structural relaxation, viscosity, and network connectivity in a hydrogen bonding liquid. Physical Chemistry Chemical Physics, 2017, 19, 25859-25869.	1.3	22

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55	Spin excitations and quantum criticality in the quasi-one-dimensional Ising-like ferromagnet CoCl_2 in a transverse field. Physical Review B, 2017, 96, .	1.1	7
56	Scaling of Memories and Crossover in Glassy Magnets. Scientific Reports, 2017, 7, 12053.	1.6	10
57	Description of Hydration Water in Protein (Green Fluorescent Protein) Solution. Journal of the American Chemical Society, 2017, 139, 1098-1105.	6.6	68
58	Interplay between local dynamics and mechanical reinforcement in glassy polymer nanocomposites. Physical Review Materials, 2017, 1, .	0.9	29
59	The cold neutron chopper spectrometer at the Spallation Neutron Source—A review of the first 8 years of operation. Review of Scientific Instruments, 2016, 87, 093902.	0.6	68
60	Characterization of the radiation background at the Spallation Neutron Source. Journal of Physics: Conference Series, 2016, 746, 012033.	0.3	5
61	Pressure effect on hydrogen tunneling and vibrational spectrum in Mn^{\pm} . Physical Review B, 2016, 94, .	1.1	7
62	Gapless quantum excitations from an icelike splayed ferromagnetic ground state in stoichiometric YbMn_2O_7 . Physical Review B, 2016, 93, .	1.2	11
63	Coupled Antiferromagnetic Spin in green diopside Cu^{2+} . Physical Review B, 2016, 93, .	1.1	10
64	Magnetic structure of YbMn_2O_7 showing Ising moments on the Shastry-Sutherland lattice. Physical Review B, 2016, 93, .	1.2	11
65	Equilibrium structure of a Triangular-Lattice Antiferromagnet BaMn_2O_7 . Physical Review Letters, 2016, 116, 087201.	2.9	99
66	Orbital-exchange and fractional quantum number excitations in an f-electron metal, YbPt_2 . Science, 2016, 352, 1206-1210.	6.0	68
67	Onset of Cooperative Dynamics in an Equilibrium Glass-Forming Metallic Liquid. Journal of Physical Chemistry B, 2016, 120, 1142-1148.	1.2	25
68	Role of Confinement on Adsorption and Dynamics of Ethane and an Ethane- CO_2 Mixture in Mesoporous CPG Silica. Journal of Physical Chemistry C, 2016, 120, 4843-4853.	1.5	28
69	Structure and Hydration of Highly-Branched, Monodisperse Phytoglycogen Nanoparticles. Biomacromolecules, 2016, 17, 735-743.	2.6	70
70	Coincidence of collective relaxation anomaly and specific heat peak in a bulk metallic glass-forming liquid. Physical Review B, 2015, 92, .	1.1	5
71	Pressure-induced structural phase transition in CeNi: X-ray and neutron scattering studies and first-principles calculations. Physical Review B, 2015, 92, .	1.1	3
72	Unstable spin-ice order in the stuffed metallic pyrochlore Pr_2O_7 . Physical Review B, 2015, 92, .	1.1	23

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73	Quantum phase transitions and decoupling of magnetic sublattices in the quasi-two-dimensional Ising magnet CoV_2O_8 . Physical Review B, 2015, 91, .	1.1	8
74	Diffuse magnetic neutron scattering in the highly frustrated double perovskite $\text{Ba}_2\text{CoMn}_2\text{O}_{10}$. Physical Review B, 2015, 91, .	2.1	4
75	Elasticity and Inverse Temperature Transition in Elastin. Journal of Physical Chemistry Letters, 2015, 6, 4018-4025.	2.1	14
76	Rigidity of poly(L-glutamic acid) scaffolds: Influence of secondary and supramolecular structure. Journal of Biomedical Materials Research - Part A, 2015, 103, 2909-2918.	2.1	9
77	Quantum critical fluctuations in the heavy fermion compound $\text{Ce}(\text{Ni}_{0.935}\text{Pd}_{0.065})_2\text{Ge}_2$. Journal of Physics Condensed Matter, 2015, 27, 015602.	0.7	4
78	Neutron polarization analysis at a time-of-flight instrument. EPJ Web of Conferences, 2015, 83, 03004.	0.1	2
79	Painting biological low-frequency vibrational modes from small peptides to proteins. Physical Chemistry Chemical Physics, 2015, 17, 11423-11431.	1.3	18
80	Inelastic neutron scattering study on boson peaks of imidazolium-based ionic liquids. Journal of Molecular Liquids, 2015, 210, 164-168.	2.3	11
81	Orbitally driven giant phonon anharmonicity in SnSe . Nature Physics, 2015, 11, 1063-1069.	6.5	539
82	Damped spin waves in the intermediate ordered phases in Ni_3VO_8 . Journal of Physics Condensed Matter, 2015, 27, 256003.	0.7	2
83	Benchmarking shielding simulations for an accelerator-driven spallation neutron source. Physical Review Special Topics: Accelerators and Beams, 2015, 18, .	1.8	8
84	Magnitude of the Magnetic Exchange Interaction in the Heavy-Fermion Antiferromagnet CeRhIn_5 . Physical Review Letters, 2014, 113, 246403.	2.9	32
85	Anharmonicity and atomic distribution of SnTe and PbTe thermoelectrics. Physical Review B, 2014, 90, .	1.1	64
86	Coexistence of ferromagnetism and superconductivity in $\text{CeO}_{0.3}\text{F}_{0.7}\text{BiS}$. Physical Review B, 2014, 90, .	1.1	2
87	Phonon scattering rates and atomic ordering in Cu_2SnF_3 . Physical Review B, 2014, 90, .	1.1	12
88	Phonon scattering rates and atomic ordering in Ag_2S . Physical Review B, 2014, 90, .		

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91	Inelastic neutron scattering studies of YFeO_3 . Physical Review B, 2014, 89, .	1.1	46
92	Phonon Self-Energy and Origin of Anomalous Neutron Scattering Spectra in SnTe and PbTe Thermoelectrics. Physical Review Letters, 2014, 112, 175501.	2.9	125
93	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
94	Structure and Dynamics of Octamethyl-POSS Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 5579-5592.	1.5	27
95	Rigidity, Secondary Structure, and the Universality of the Boson Peak in Proteins. Biophysical Journal, 2014, 106, 2667-2674.	0.2	66
96	Liquidlike correlations in single-crystalline YMo_2O_7 . Physical Review Letters, 2014, 112, 175501.	1.1	62
97	From Spin Glass to Quantum Spin Liquid Ground States in Molybdate Pyrochlores. Physical Review Letters, 2014, 113, 117201.	2.9	49
98	Dynamics and Rigidity in an Intrinsically Disordered Protein, $\hat{\text{I}}^2$ -Casein. Journal of Physical Chemistry B, 2014, 118, 7317-7326.	1.2	44
99	High energy particle background at neutron spallation sources and possible solutions. Journal of Physics: Conference Series, 2014, 528, 012013.	0.3	13
100	Temperature-driven phase transformation in Y_3Co : Neutron scattering and first-principles studies. Physical Review B, 2013, 88, .	1.1	6
101	Secondary structure and rigidity in model proteins. Soft Matter, 2013, 9, 9548.	1.2	65
102	A detailed study of the magnetic phase transition in CuCrO_2 . Journal of Physics Condensed Matter, 2013, 25, 496009.	0.7	8
103	Coherent Neutron Scattering and Collective Dynamics in the Protein, GFP. Biophysical Journal, 2013, 105, 2182-2187.	0.2	24
104	Glass-like phonon scattering from a spontaneous nanostructure in AgSbTe_2 . Nature Nanotechnology, 2013, 8, 445-451.	15.6	161
105	Magnetic rigidity and spin dynamics in the low-temperature phases of $\text{Ni}_3\text{V}_2\text{O}_{11}$. Physical Review Letters, 2013, 111, 175501.	1.1	14
106	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
107	Quasi-elastic neutron scattering study of the spin waves in CrCl_3 . Physical Review B, 2013, 88, .	1.1	14
108	Phases of superfluid helium in smooth cylindrical pores. Physical Review B, 2013, 88, .	1.1	16

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109	Symmetric and asymmetric excitations of a strong-leg quantum spin ladder. Physical Review B, 2013, 88, 110101.	1.1	36
110	Crystal structure, lattice vibrations, and superconductivity of LaO _{1-x} F _x BiS. Physical Review B, 2013, 88, 110102.	1.1	68
111	Dynamics of the Fast Component of Nano-Confined Water Under Electric Field. Journal of the Physical Society of Japan, 2013, 82, SA007.	0.7	1
112	Magnetic structure of CuCrO ₂ : a single crystal neutron diffraction study. Journal of Physics Condensed Matter, 2012, 24, 016004.	0.7	30
113	Statics and dynamics of the highly correlated spin ice HoGeO ₂ . Physical Review B, 2012, 86, 014407.	1.1	34
114	Excitations in a quantum spin liquid with random bonds. Physical Review B, 2012, 86, 014408.	1.1	19
115	Comment on "Magnetic structure of Gd ₂ Ti ₂ O ₇ ". Physical Review B, 2012, 85, 016401.	1.1	3
116	Magnetic properties of the S=12 quasisquare lattice antiferromagnet CuF ₂ (H ₂ O) ₂ (pyz) (pyz=pyrazine) investigated by neutron scattering. Physical Review B, 2012, 86, 014409.	1.1	15
117	Dynamics of Protein and its Hydration Water: Neutron Scattering Studies on Fully Deuterated GFP. Biophysical Journal, 2012, 103, 1566-1575.	0.2	121
118	Crystals for neutron scattering studies of quantum magnetism. Philosophical Magazine, 2012, 92, 2629-2647.	0.7	23
119	Enhanced survival of short-range magnetic correlations and frustrated interactions in R ₃ T ₂ O ₇ intermetallics. Journal of Magnetism and Magnetic Materials, 2012, 354, 10-19.	1.0	19
120	Coexistence of singlet and ordered magnetic states in the ground state of the triclinic quantum magnet CuMoO ₄ . Physical Review B, 2011, 84, 014410.	1.1	1
121	Effect of carrier doping on the formation and collapse of magnetic polarons in lightly hole-doped La _{1-x} Sr _x CoO ₃ . Physical Review B, 2011, 83, 014411.	1.1	25
122	Long-range magnetic interactions in the multiferroic antiferromagnet MnWO ₄ . Physical Review B, 2011, 83, 014412.	1.1	64
123	Spin dynamics of the quantum spin liquid in Y ₂ O ₃ . Physical Review B, 2011, 84, 014413.	1.1	22
124	Giant anharmonic phonon scattering in PbTe. Nature Materials, 2011, 10, 614-619.	13.3	561
125	Persistence of magnons in a site-diluted dimerized frustrated antiferromagnet. Journal of Physics Condensed Matter, 2011, 23, 416003.	0.7	5
126	Slow and static spin correlations in Dy _{2-x} Ti _{2-x} O _{7-δ} . Journal of Physics Condensed Matter, 2011, 23, 164220.	0.7	10

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127	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.	0.7	4
128	Magnetic excitations in the geometric frustrated multiferroic CuCrO. $\langle \mathbf{m}_i \cdot \mathbf{m}_{i+2} \rangle$. Physical Review B, 2011, 84, .	1.1	50
129	The new cold neutron chopper spectrometer at the Spallation Neutron Source: Design and performance. Review of Scientific Instruments, 2011, 82, 085108.	0.6	220
130	New relaxation processes in diluted. Physica B: Condensed Matter, 2010, 405, 774-777.	1.3	2
131	High-resolution neutron scattering study of Tb ₂ Mo ₂ O ₇ . A geometrically frustrated spin glass. Physical Review B, 2010, 81, .	1.1	22
132	Low Lying Spin Excitation in the Spin Ice, Ho ₂ Ti ₂ O ₇ . Journal of Physics: Conference Series, 2010, 251, 012003.	0.3	1
133	Einstein modes in the phonon density of states of the single-filled skutterudite Yb ₂ CoSb ₅ . Physical Review B, 2010, 82, .	1.1	77
134	Direct Observation of a Nuclear Spin Excitation in Ho ₂ Ti ₂ O ₇ . Physical Review Letters, 2009, 102, 016405.	1.9	22
135	Neutron scattering investigations of the partially ordered pyrochlore Tb ₂ Sn ₂ O ₇ . Journal of Physics Condensed Matter, 2009, 21, 486005.	0.7	24
136	Magnetic order and crystal field excitations in Er ₂ Ru ₂ O ₇ : a neutron scattering study. Journal of Physics Condensed Matter, 2009, 21, 436004.	0.7	13
137	Frustrated spin correlations in diluted spin ice Ho _{2-x} LaxTi ₂ O ₇ . Journal of Physics Condensed Matter, 2008, 20, 235206.	0.7	8
138	Collective dynamics in the Heisenberg pyrochlore antiferromagnet Gd ₂ Sn ₂ O ₇ . Physical Review B, 2008, 78, .	1.1	27
139	Dynamic spin correlations in stuffed spin ice Ho _{2-x} Ti _x O ₇ . Physical Review B, 2008, 77, .	1.6	16
140	The wide-angle neutron spin echo spectrometer project WASP. Journal of Neutron Research, 2007, 15, 39-47.	0.4	20
141	Phase transition of geometrically frustrated TbNiAl in a magnetic field. Physical Review B, 2007, 75, .	1.1	12
142	Low-temperature relaxation in kagome bilayer antiferromagnets. Journal of Physics Condensed Matter, 2007, 19, 145254.	0.7	6
143	The origin of persistent spin dynamics and residual entropy in the stuffed spin ice Ho _{2.3} Ti _{1.7} O ₇ . Journal of Physics Condensed Matter, 2007, 19, 342201.	0.7	18
144	Polarized inelastic neutron scattering of the partially ordered Tb ₂ Sn ₂ O ₇ . Physical Review B, 2007, 76, .	1.1	34

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145	Phonon-assisted relaxation in a frustrated antiferromagnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1325-1327.	1.0	0
146	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.	2.9	21
147	Characterization of Magnetic Materials by Means of Neutron Scattering. , 2006, , 976-976.		1
148	The Spallation Neutron Source in Oak Ridge: A powerful tool for materials research. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 955-960.	1.3	163
149	Characterization of Magnetic Materials by Means of Neutron Scattering. , 2006, , 439-485.		0
150	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. <i>Physical Review B</i> , 2006, 73, .	1.1	41
151	Study of slow dynamic processes in magnetic systems by neutron spin-echo spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2006, 18, R231-R244.	0.7	33
152	Neutron-Spin-Echo Spectroscopy and Magnetism. , 2006, , 521-542.		2
153	Diffusivities of n-Alkanes in 5A Zeolite Measured by Neutron Spin Echo, Pulsed-Field Gradient NMR, and Zero Length Column Techniques. <i>Adsorption</i> , 2005, 11, 403-407.	1.4	55
154	Spin dynamics in $\text{Ho}_2\text{Ru}_2\text{O}_7$. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 7089-7095.	0.7	16
155	Spin dynamics in geometrically frustrated antiferromagnetic pyrochlores. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S643-S651.	0.7	27
156	Evidence for two distinct spin relaxation mechanisms in $\text{Ho}_2\text{Ti}_2\text{O}_7$. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S635-S642.	0.7	71
157	Dynamic Properties of a Diluted Pyrochlore Cooperative Paramagnet $(\text{Tb}_{1-x}\text{Y}_x)_2\text{Ti}_2\text{O}_7$. <i>Physical Review Letters</i> , 2004, 92, 107204.	2.9	53
158	Spin-spin correlations in $\text{Yb}_2\text{Ti}_2\text{O}_7$: A polarized neutron scattering study. <i>Physical Review B</i> , 2004, 70, .	1.1	70
159	Field integral correction in neutron resonance spin echo. <i>Physica B: Condensed Matter</i> , 2004, 350, E807-E810.	1.3	2
160	Accelerated Diffusion of Long-Chain Alkanes between Nanosized Cavities. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 364-366.	7.2	55
161	Phase transitions, partial disorder and multi-k-structures in $\text{Gd}_2\text{Ti}_2\text{O}_7$. <i>Journal of Physics Condensed Matter</i> , 2004, 16, L321-L326.	0.7	130
162	Neutron resonance spin echo using spin echo correction coils. <i>Chemical Physics</i> , 2003, 292, 501-510.	0.9	26

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163	Inhomogeneity in the spin channel of ferromagnetic CMR manganites. <i>Physica B: Condensed Matter</i> , 2003, 326, 494-499.	1.3	7
164	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.	2.2	25
165	Dynamic frustrated magnetism in Tb ₂ Ti ₂ O ₇ at 50 mK. <i>Physical Review B</i> , 2003, 68, .	1.1	118
166	Dynamic scaling in spin glasses. <i>Physical Review B</i> , 2003, 68, .	1.1	27
167	Dynamical crossover in \hat{A} hot \hat{A} spin ice. <i>Journal of Physics Condensed Matter</i> , 2003, 15, L9-L15.	0.7	83
168	Experimental evidence for dynamic scaling in spin glasses. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s907-s909.	1.1	5
169	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.	2.2	22
170	Measurement of the neutron interaction time with quantum objects. <i>JETP Letters</i> , 2002, 75, 605-609.	0.4	12
171	Larmor spin precession and neutron optics. <i>Physics of Atomic Nuclei</i> , 2002, 65, 2009-2020.	0.1	12
172	Dynamics of Frustrated Magnetic Moments in Antiferromagnetically Ordered TbNiAl Probed by Spin Echo and Time-of-Flight Spectroscopy. <i>Lecture Notes in Physics</i> , 2002, , 222-231.	0.3	2
173	Larmor clock and measuring of neutron interaction time with quantum objects. <i>Physica B: Condensed Matter</i> , 2001, 297, 307-310.	1.3	14
174	Neutron spin echo studies of the glass-like pyrochlore Y ₂ Mo ₂ O ₇ . <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 460-462.	1.0	11
175	Evidence for interpenetrating magnetic structures across an IC-C phase transition in Mn _{0.88} Fe _{0.12} WO ₄ . <i>Journal of Physics Condensed Matter</i> , 2001, 13, 2753-2766.	0.7	13
176	Dynamics of frustrated magnetic moments in antiferromagnetically ordered TbNiAl probed by neutron time-of-flight and spin-echo spectroscopy. <i>Physical Review B</i> , 2001, 63, .	1.1	17
177	What neutrons do tell us about the nature of (spin) glasses?. <i>Physica B: Condensed Matter</i> , 2000, 276-278, 543-546.	1.3	5
178	Low Q measurement of super-paramagnetic fluctuations in monodomain Fe particles. <i>Physica B: Condensed Matter</i> , 2000, 276-278, 664-665.	1.3	2
179	Pressure-induced change of magnetic order in Tb _{1-x} Y _x NiAl and TbNi _{1-x} Cu _x Al. <i>Physica B: Condensed Matter</i> , 2000, 276-278, 650-651.	1.3	4
180	Neutron diffraction at the magnetic structure of Mn _{0.88} Fe _{0.12} WO ₄ . <i>Physica B: Condensed Matter</i> , 2000, 276-278, 596-597.	1.3	4

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181	Observation of Two Time Scales in the Ferromagnetic Manganite $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$, $x \approx 0.3$. <i>Physical Review Letters</i> , 2000, 85, 3285-3288.	2.9	105
182	Direct Measurement of Superparamagnetic Fluctuations in Monodomain Fe Particles via Neutron Spin-Echo Spectroscopy. <i>Physical Review Letters</i> , 1999, 82, 1301-1304.	2.9	35
183	Anomalous transition from antiferromagnetic to ferromagnetic order in $\text{Tb}_{1-x}\text{Y}_x\text{NiAl}$. <i>Physical Review B</i> , 1999, 59, 8821-8827.	1.1	19
184	The sub-neV resolution NSE spectrometer IN15 at the Institut Laue-Langevin. <i>Physica B: Condensed Matter</i> , 1999, 266, 49-55.	1.3	35
185	Magnetic order with frustrated moments in TbNiAl . <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 797-798.	1.0	6
186	Anomalous transition from antiferromagnetic to ferromagnetic order in the pseudoternary series $\text{TbNi}_{1-x}\text{Cu}_x\text{Al}$. <i>Europhysics Letters</i> , 1997, 37, 269-274.	0.7	39
187	Spin structures with frustrated moments in RNiAl intermetallic compounds. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1997, 101, 317-327.	1.1	63
188	Frustrated magnetic moments in RNiAl intermetallic compounds. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 667-669.	1.3	20
189	Change from antiferromagnetic to ferromagnetic order in the pseudo-ternary series $\text{TbNi}_{1-x}\text{Cu}_x\text{Al}$. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 670-672.	1.3	1
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191	Geometrically frustrated magnetic structures of the heavy-fermion compound CePdAl studied by powder neutron diffraction. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 11213-11229.	0.7	110
192	Magnetic order in TbNiAl and TbCuAl intermetallic compounds. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1995, 99, 145-150.	1.1	60
193	Magnetic order in TbNiAl and TbCuAl intermetallic compounds. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1995, 99, 145-150.	1.1	2
194	Larmor Phase Correction of MIEZE. <i>Neutron News</i> , 0, , 1-2.	0.1	0