

Andrey Zheludev

List of Publications by Year in descending order

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206
papers

5,576
citations

76294

40
h-index

110317

64
g-index

208
all docs

208
docs citations

208
times ranked

3260
citing authors

#	ARTICLE	IF	CITATIONS
1	NMR evidence against a spin-nematic nature of the presaturation phase in the frustrated magnet <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{SrZnVO} \rangle_{\text{L}} \langle \text{T} \rangle_{\text{L}} Physical Review B, 2022, 105, .	1.1	4
2	Electron Spin Resonance of the Interacting Spinon Liquid. Physical Review Letters, 2022, 128, 187202.	2.9	8
3	<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">L \langle T \rangle_{\text{L}} Scaling in Depleted Quantum Spin Ladders. Physical Review Letters, 2022, 128, .	2.9	1
4	Inelastic neutron scattering determination of the spin Hamiltonian for BaCdVO(PO ₄) ₂ . Physical Review B, 2021, 103, .	1.1	5
5	Critical dielectric susceptibility at a magnetic BEC quantum critical point. Physical Review Research, 2021, 3, .	1.3	1
6	Anomalous spin waves in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{CsFeCl} \rangle_3 and <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{RbFeCl} \rangle_3 Physical Review B, 2021, 104, .	1.1	2
7	Phase diagram and spin waves in the frustrated ferro-antiferromagnet <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{SrZnVO} \rangle_{\text{L}} \langle \text{T} \rangle_{\text{L}} Physical Review B, 2021, 104, .	1.1	3
8	Miniature capacitive Faraday force magnetometer for magnetization measurements at low temperatures and high magnetic fields. Review of Scientific Instruments, 2020, 91, 073905.	0.6	4
9	Presaturation phase in the frustrated ferro-antiferromagnet <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{Pb} \rangle_{\text{L}} \langle \text{T} \rangle_{\text{L}} Physical Review B, 2020, 102, .	1.1	4
10	Magnetic phase diagram of the linear quantum ferro-antiferromagnet <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{Cs} \rangle_2 \langle \text{T} \rangle_{\text{L}} Physical Review B, 2020, 101, .	1.1	4
11	Magnetic-Field-Induced Bound States in Spin- <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\frac{1}{2} \langle \text{T} \rangle_{\text{L}} Ladders. Physical Review Letters, 2020, 124, 087203.	2.9	5
12	Microwave dynamics of the stoichiometric and bond-disordered anisotropic S=1 chain antiferromagnet NiCl ₂ ·4SC(NH ₂) ₂ . Physical Review B, 2020, 101, .	1.1	3
13	Anisotropy-Induced Soliton Excitation in Magnetized Strong-Rung Spin Ladders. Physical Review Letters, 2020, 125, 027204.	2.9	4
14	Sign switching of dimer correlations in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{SrCu} \rangle_2 \langle \text{T} \rangle_{\text{L}} under hydrostatic pressure. Physical Review Research, 2020, 2, .	1.1	1
15	Finite-temperature dynamics and the role of disorder in nearly critical Ni(Cl _{1-x} Br _x) ₂ ·4SC(NH ₂) ₂ . Physical Review B, 2020, 102, .	1.1	0
16	Magnetization plateaux cascade in the frustrated quantum antiferromagnet Cs ₂ CoBr ₄ . Physical Review Research, 2020, 2, .	1.3	6
17	Quantum Critical Dynamics and Scaling in One-Dimensional Antiferromagnets. Journal of Experimental and Theoretical Physics, 2020, 131, 34-45.	0.2	4
18	One- and three-dimensional quantum phase transitions and anisotropy in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{Rb} \rangle_2 \langle \text{T} \rangle_{\text{L}} Physical Review B, 2019, 100, .	1.1	14

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19	Electron spin resonance study of spin relaxation in the strong-leg spin ladder with nonmagnetic dilution. Physical Review B, 2019, 100, .	1.1	2
20	Thermodynamics of a frustrated quantum magnet on a square lattice. Physical Review B, 2019, 99, .	1.1	20
21	Chemical composition induced quantum phase transition in CsMnCl_3 . Physical Review B, 2019, 99, .	1.1	1
22	Magnetic structure and spin waves in the frustrated ferro-antiferromagnet $\text{Pb}_2\text{VO}(\text{PO}_4)_2$. Physical Review B, 2019, 99, .	1.1	11
23	Origin of magnetic anisotropy in the spin ladder compound $(\text{C}_5\text{H}_{12}\text{N})_2\text{CuBr}_4$. Physical Review B, 2019, 100, .	1.1	2
24	Presaturation phase with no dipolar order in a quantum ferro-antiferromagnet. Physical Review Research, 2019, 1, .	1.3	13
25	Dynamics and field-induced order in the layered spin $S=1/2$ dimer system $(\text{C}_5\text{H}_6\text{N}_2\text{F})_2\text{CuCl}_4$. Physical Review Materials, 2019, 3, .	0.9	0
26	Low temperature ESR in spin ladder $(\text{C}_7\text{H}_{10}\text{N})_2\text{Cu}(\text{Zn})_x\text{Br}_4$. Journal of Physics: Conference Series, 2018, 969, 012113.	0.3	2
27	Spin waves near the edge of halogen substitution induced magnetic order in $\text{Ni}_2\text{VO}(\text{PO}_4)_2$. Physical Review B, 2018, 98, .	1.1	1
28	Quantum Critical Dynamics in a Spin Ladder. Physical Review Letters, 2018, 121, 247201.	1.1	1
29	Formation of the $S = 1$ paramagnetic centers in the bond-diluted spin-gap magnet $(\text{C}_4\text{H}_{12}\text{N}_2)(\text{Cu}_2\text{Cl}_6)$. Journal of Physics: Conference Series, 2018, 969, 012104.	0.3	1
30	Spin gap in the quasi-one-dimensional $S=1/2$ antiferromagnet $\text{K}_2\text{CuSO}_4\text{Cl}_2$. Physical Review B, 2018, 98, .	1.1	10
31	Field-induced ordering in a random-bond quantum spin ladder compound with weak anisotropy. Physical Review B, 2018, 97, .	1.1	1
32	Magnetic phase diagram of the strongly frustrated quantum spin chain system PbCuSO_4 in tilted magnetic fields. Physical Review B, 2018, 98, .	1.1	14
33	Finite-temperature correlations in a quantum spin chain near saturation. Physical Review B, 2017, 96, .	1.1	16
34	Anisotropic magnetic interactions and spin dynamics in the spin-chain compound $\text{Cu}(\text{py})_2\text{Br}_2$: An experimental and theoretical study. Physical Review B, 2017, 96, .	1.1	5
35	Quantum criticality in a three-dimensional spin system at zero field and pressure. Physical Review B, 2017, 96, .	1.1	4
36	Quantum criticality in a three-dimensional spin system at zero field and pressure. Physical Review B, 2017, 96, .	1.1	9

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37	Low-temperature magnetic structure and electron paramagnetic resonance properties of the quasi-one-dimensional Heisenberg helimagnet $SrCu_2Cl_2$. Physical Review B, 2017, 95, .	1.1	9
38	Spin pseudogap in the chain material $SrCu_2Cl_2$ with impurities. Physical Review B, 2017, 95, .	1.1	9
39	Magnetic-Order Crossover in Coupled Spin Ladders. Physical Review Letters, 2017, 118, 167206.	2.9	17
40	Multiferroic phases of the frustrated quantum spin-chain compound linarite. Physical Review B, 2016, 94, .	1.1	12
41	Formation of the $SrCu_2Cl_2$ paramagnetic centers in the bond-diluted spin-gap magnet. Journal of Physics Condensed Matter, 2016, 28, 206003.	0.7	2
42	Dichotomy between Attractive and Repulsive Tomonaga-Luttinger Liquids in Spin Ladders. Physical Review Letters, 2016, 117, 106402.	2.9	24
43	Raman study of spin excitations in the tunable quantum spin ladder $Cu(Qnx)(Cl_1-xBr_x)_2$. Physical Review B, 2016, 93, .	1.1	6
44	Electron spin resonance in a strong-rung spin-ladder. Physical Review B, 2016, 93, .	1.1	6
45	Magnetic ordering in the ultrapure site-diluted spin chain materials $SrCu_2-xNi_xO_2$. Physical Review B, 2016, 93, .	1.1	7
46	Emergent Interacting Spin Islands in a Depleted Strong-Leg Heisenberg Ladder. Physical Review Letters, 2016, 116, 257203.	2.9	13
47	Effect of disorder on a pressure-induced quantum phase transition. Physical Review B, 2016, 94, .	1.1	14
48	Dynamics of a bond-disordered magnet near $SrCu_2Cl_2$. Physical Review B, 2015, 92, .	1.1	14
49	Physical Review B, 2015, 92, .	1.1	15
50	Finite-temperature scaling of spin correlations in a partially magnetized Heisenberg $SrCu_2Cl_2$. Physical Review B, 2015, 92, .	1.1	15
51	Giant dielectric nonlinearities at a magnetic Bose-Einstein condensation. Physical Review B, 2015, 92, .	1.1	5
52	ESR study of the spin ladder with uniform Dzyaloshinskii-Moriya interaction. Physical Review B, 2015, 92, .	1.1	21
53	Finite-temperature scaling of spin correlations in an experimental realization of the one-dimensional Ising quantum critical point. Physical Review B, 2015, 92, .	1.1	14
54	Phase transition of chemically doped uniaxial relaxor ferroelectric. Journal of Physics Condensed Matter, 2015, 27, 435901.	0.7	7

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55	Antiferromagnetic order in weakly coupled random spin chains. Physical Review B, 2015, 91, .	1.1	5
56	Critical exponents and intrinsic broadening of the field-induced transition in NiCl_2 . Physical Review B, 2015, 91, .	1.1	15
57	Electron spin resonance in a model antiferromagnet with a uniform Dzyaloshinskii-Moriya interaction. Physical Review B, 2015, 92, .	1.1	10
58	Scaling of temporal correlations in an attractive Tomonaga-Luttinger spin liquid. Physical Review B, 2015, 91, .	1.1	32
59	Formation of gapless triplets in the bond-doped spin-gap antiferromagnet $(\text{Cu}_4\text{H}_{12}\text{N}_2)(\text{Cu}_2\text{Cl}_6)$. Journal of Physics Condensed Matter, 2014, 26, 486002.	0.7	4
60	Inhomogeneous ordering in weakly coupled Heisenberg $S=1/2$ chains with random bonds. Physical Review B, 2014, 90, .	1.1	4
61	Pressure-Induced Quantum Critical and Multicritical Points in a Frustrated Spin Liquid. Physical Review Letters, 2014, 112, .	2.9	21
62	Quantum spin chains with frustration due to Dzyaloshinskii-Moriya interactions. Physical Review B, 2014, 90, .	1.1	35
63	Magnetic short- and long-range order in PbFeO_3 . Physical Review B, 2014, 89, .	1.1	10
64	The tunable quantum spin ladder $\text{Cu}(\text{Qnx})(\text{Cl}(\hat{x})\text{Brx})_2$. Journal of Magnetism and Magnetic Materials, 2014, 370, 62-67.	1.0	7
65	Phase transition of the uniaxial disordered ferroelectric $\text{Sr}_{0.61}\text{Ba}_{0.39}\text{Nb}_2\text{O}_6$. Journal of Physics Condensed Matter, 2014, 26, 185901.	0.7	11
66	Dirty-boson physics with magnetic insulators. Comptes Rendus Physique, 2013, 14, 740-756.	0.3	56
67	Field-concentration phase diagram of a quantum spin liquid with bond defects. Physical Review B, 2013, 88, .	1.1	13
68	Criticality in a disordered quantum antiferromagnet studied by neutron diffraction. Physical Review B, 2013, 88, .	1.1	21
69	Microscopic coexistence of antiferromagnetic and spin-glass states. Physical Review B, 2013, 87, .	1.1	50
70	Magnetic structure of the frustrated $S=1/2$ chain magnet LiCu_2O_2 doped with nonmagnetic Zn. Physical Review B, 2013, 88, .	1.1	10
71	Magnetic-field induced multiferroicity in a quantum critical frustrated spin liquid. Physical Review B, 2013, 87, .	1.1	13
72	Spin Pseudogap in Ni-Doped SrCu_2O_7 . Physical Review Letters, 2013, 111, 067204.	2.9	39

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73	Bond randomness induced magnon decoherence in a spin- $\frac{1}{2}$ ladder compound. Physical Review B, 2013, 87, .	1.1	12
74	Publisher's Note: Microscopic coexistence of antiferromagnetic and spin-glass states [Phys. Rev. B, 2013, 87, .	1.1	0
75	Spectrum of a Magnetized Strong-Leg Quantum Spin Ladder. Physical Review Letters, 2013, 111, 107202.	2.9	44
76	Attractive Tomonaga-Luttinger Liquid in a Quantum Spin Ladder. Physical Review Letters, 2013, 111, 106404.	2.9	50
77	Impact of strong disorder on the static magnetic properties of the spin-chain compound BaCu ₂ SiGeO ₇ . Physical Review B, 2013, 88, .	1.1	10
78	Symmetric and asymmetric excitations of a strong-leg quantum spin ladder. Physical Review B, 2013, 88, .	1.1	36
79	Ordering in weakly coupled random singlet spin chains. Physical Review B, 2012, 86, .	1.1	14
80	Probing the connections between superconductivity, stripe order, and structure in LaBaCu ₂ O ₇ . Physical Review B, 2012, 86, .	1.1	19
81	Experimental investigation of the low-temperature features of a random Heisenberg spin chain. Journal of Physics: Conference Series, 2012, 400, 032089.	0.3	0
82	Excitations in a quantum spin liquid with random bonds. Physical Review B, 2012, 86, . Electron spin resonance study of anisotropic interactions in a two-dimensional spin-gap magnet	1.1	19
83			

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91	Long-lived magnons throughout the Brillouin zone of the strong-leg spin ladder (C ₇ H ₁₀ N) ₂ CuBr ₄ . Physical Review B, 2011, 84, .	1.1	26
92	Distribution of NMR Relaxations in a Random Heisenberg Chain. Physical Review Letters, 2011, 106, 137202.	2.9	34
93	Low-Temperature Dynamics of Magnons in a Spin- $\frac{1}{2}$ Ladder Compound. Physical Review Letters, 2011, 106, 177202.	2.9	20
94	Disorder instability of the magnon condensate in a frustrated spin ladder. Physical Review B, 2011, 84, .	1.1	20
95	Random exchange in the spin ladder Cu(quinoxaline) ₂ (X=Cl, Br). Polyhedron, 2011, 30, 3006-3009.	1.0	9
96	Multiple spin-flop phase diagram of BaCu ₂ Si ₂ O ₇ . Journal of Physics Condensed Matter, 2011, 23, 086003. Comment on a doped transition from Bose glass to a condensate of triplons in Tl $\frac{1}{2}$	0.7	6
97	Double- $\frac{1}{2}$ phase of the Dzyaloshinskii-Moriya helimagnet		
98	Dynamics of the two-dimensional S=1 dimer system (C ₅ H ₆ N ₂ F) ₂ CuCl ₄ . Physical Review B, 2011, 83, .	1.1	9
99	Stripe order in superconducting LaCuGe $\frac{1}{2}$	1.1	20
100	Coexistence of spiral and commensurate structures in a triangular antiferromagnet KFe(MoO ₄) ₂ . Journal of Physics: Conference Series, 2010, 200, 032068.	1.1	242
101	Thermodynamic properties and neutron diffraction studies of silver ferrite AgFeO ₂ . Journal of Physics Condensed Matter, 2010, 22, 016007.	0.7	22
102	Magnetic field effect on Fe-induced short-range magnetic correlation and electrical conductivity in Bi _{1.75} S ₂ . Physical Review B, 2010, 82, .	1.1	6
103	Modes of magnetic resonance of the S=1 dimer chain compound NTENP. Physical Review B, 2010, 82, .	1.1	1
104	Growing Up with Neutron News: Personal Views of Two Younger Neutron Scatterers. Neutron News, 2010, 21, 18-20.	0.1	0
105	Evidence of a magnetic Bose glass in		
106			

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109	Excitations from a chiral magnetized state of a frustrated quantum spin liquid. Physical Review B, 2009, 80, .	1.1	8
110	Spin dimers in the quantum ferrimagnet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mtext} \text{Cu} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{2} \langle \text{mml:mn} \text{7} \langle \text{mml:msu}$	1.1	7
111	Dimensional crossover in a spin-liquid-to-helimagnet quantum phase transition. Physical Review B, 2009, 79, .	1.1	22
112	Excitations in a Four-Leg Antiferromagnetic Heisenberg Spin Tube. Physical Review Letters, 2008, 100, 037206.	2.9	42
113	Extended Universal Finite- T Renormalization of Excitations in a Class of One-Dimensional Quantum Magnets. Physical Review Letters, 2008, 100, 157204.	2.9	36
114	The Triple-Axis Spectrometers at the High Flux Isotope Reactor. Neutron News, 2008, 19, 18-21.	0.1	1
115	Effect of pressure on the quantum spin ladder material IPA-CuCl_3 . Physical Review B, 2008, 78, .	1.1	21
116	Dynamics of quantum spin liquid and spin solid phases in IPA-CuCl_3 under an applied magnetic field studied with neutron scattering. Physical Review B, 2007, 76, .	1.1	33
117	Scaling of dynamic spin correlations in $\text{BaCu}_2(\text{Si}_0.5\text{Ge}_0.5)_2\text{O}_7$. Physical Review B, 2007, 75, .	1.1	15
118	Excitations from a Bose-Einstein Condensate of Magnons in Coupled Spin Ladders. Physical Review Letters, 2007, 98, 167202.	2.9	57
119	Spin-density distribution in the partially magnetized organic quantum magnet F_2PNNNO . Physical Review B, 2007, 75, .	1.1	6
120	Dynamics of Composite Haldane Spin Chains in IPA-CuCl_3 . Physical Review Letters, 2006, 96, 047210.	2.9	117
121	Neutron Scattering Study of Quantum Phase Transitions in Integer Spin Chains. AIP Conference Proceedings, 2006, , .	0.3	0
122	Multi-frequency ESR in NaCu_2O_2 . Journal of Physics: Conference Series, 2006, 51, 71-74.	0.3	4
123	Low-energy excitations in the magnetized state of the bond-alternating quantum $S=1$ chain system $\text{Ni(C}_9\text{D}_{24}\text{N}_4)(\text{NO}_2)\text{ClO}_4$. Physical Review B, 2006, 73, .	1.1	13
124	Half-ordered state in the anisotropic Haldane-gap antiferromagnet $\text{Ni(C}_5\text{D}_{14}\text{N}_2)_2\text{N}_3(\text{PF}_6)$. Physical Review B, 2005, 71, .	1.1	10
125	Magnetic excitations in the weakly coupled spin dimers and chains material $\text{Cu}_2\text{Fe}_2\text{Ge}_4\text{O}_{13}$. Physical Review B, 2005, 72, .	1.1	24
126	Spin Excitations in an Anisotropic Bond-Alternating Quantum $S=1$ Chain in a Magnetic Field: Contrast to Haldane Spin Chains. Physical Review Letters, 2005, 94, 177202.	2.9	41

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127	Masuda et al. Reply. Physical Review Letters, 2005, 94, .	2.9	33
128	Magnetic Excitation in an Anisotropic Bond-Alternating $S=1$ One Dimensional Antiferromagnet $\text{Ni}(\text{C}_9\text{D}_{24}\text{N}_4)(\text{NO}_2)\text{ClO}_4$. Progress of Theoretical Physics Supplement, 2005, 159, 101-105.	0.2	0
129	Magnetic Excitations in $\text{Cu}_2\text{Fe}_2\text{Ge}_4\text{O}_{13}$. Progress of Theoretical Physics Supplement, 2005, 159, 96-100.	0.2	0
130	Spin waves and magnetic interactions in LiCu_2O_2 . Physical Review B, 2005, 72, .	1.1	113
131	Dynamics and Scaling in a Quantum Spin Chain Material with Bond Randomness. Physical Review Letters, 2004, 93, 077206.	2.9	19
132	Dilution-Controlled Quantum Criticality in Rare-Earth Nickelates. Physical Review Letters, 2004, 93, 156401.	2.9	6
133	Dynamics of an anisotropic Haldane antiferromagnet in a strong magnetic field. Physical Review B, 2004, 69, .	1.1	28
134	Cooperative Ordering of Gapped and Gapless Spin Networks in $\text{Cu}_2\text{Fe}_2\text{Ge}_4\text{O}_{13}$. Physical Review Letters, 2004, 93, 077202.	2.9	43
135	Distribution of exchange energy in a bond-alternating $S=1$ quantum spin chain. Physical Review B, 2004, 69, .	1.1	18
136	Competition between Helimagnetism and Commensurate Quantum Spin Correlations in LiCu_2O_2 . Physical Review Letters, 2004, 92, 177201.	2.9	185
137	Neutron scattering study of the layered Ising magnet $\text{CsDy}(\text{MoO}_4)_2$. Low Temperature Physics, 2004, 30, 133-139.	0.2	9
138	Spin waves and the origin of commensurate magnetism in $\text{Ba}_2\text{CoGe}_2\text{O}_7$. Physical Review B, 2003, 68, .	1.1	60
139	Polarization dependence of spin excitations in $\text{BaCu}_2\text{Si}_2\text{O}_7$. Physical Review B, 2003, 67, .	1.1	22
140	BiCu_2VO_6 : A new narrow-band spin-gap material. Europhysics Letters, 2003, 63, 757-763.	0.7	13
141	Massive triplet excitations in a magnetized anisotropic Haldane spin chain. Physical Review B, 2003, 68, .	1.1	35
142	Dominance of the Excitation Continuum in the Longitudinal Spectrum of Weakly Coupled Heisenberg $S=1/2$ Chains. Physical Review Letters, 2002, 89, 197205.	2.9	25
143	Structure of multiple spin-flop states in $\text{BaCu}_2\text{Si}_2\text{O}_7$. Physical Review B, 2002, 65, .	1.1	24
144	Quasielastic Neutron Scattering in the High-Field Phase of a Haldane Antiferromagnet. Physical Review Letters, 2002, 88, 077206.	2.9	27

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145	Microscopic model for a class of mixed-spin quantum antiferromagnets. <i>Physical Review B</i> , 2002, 65, .	1.1	7
146	Interacting quantum spin chains. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1-s5.	1.1	11
147	Magnetized States of Quantum Spin Chains. <i>Lecture Notes in Physics</i> , 2002, , 211-234.	0.3	3
148	Magnetization and spin density in $[\text{FeCp}^*2]^+$. <i>Polyhedron</i> , 2001, 20, 1771-1778.	1.0	11
149	Quantum and classical dynamics in mixed-spin one-dimensional antiferromagnets. <i>Journal of Physics Condensed Matter</i> , 2001, 13, R525-R536.	0.7	26
150	Field-induced commensurate long-range order in the Haldane-gap system $\text{Ni}(\text{C}_5\text{H}_{14}\text{N}_2)_2\text{N}_3(\text{ClO}_4)$. <i>Europhysics Letters</i> , 2001, 55, 868-873.	0.7	15
151	Zone-boundary excitations in coupled Haldane spin chain compounds $\text{PbNi}_2\text{V}_2\text{O}_8$ and $\text{SrNi}_2\text{V}_2\text{O}_8$. <i>Physical Review B</i> , 2001, 64, .	1.1	16
152	Spin waves and magnetic ordering in the quasi-one-dimensional $S=1/2$ antiferromagnet $\text{BaCu}_2\text{Si}_2\text{O}_7$. <i>Physical Review B</i> , 2001, 64, .	1.1	50
153	Haldane-gap excitations in the low-H cone-dimensional quantum antiferromagnet $\text{Ni}(\text{C}_5\text{D}_{14}\text{N}_2)_2\text{N}_3(\text{PF}_6)$. <i>Physical Review B</i> , 2001, 63, .	1.1	43
154	Spin dynamics in the quasi-one-dimensional $S=1/2$ antiferromagnet $\text{BaCu}_2\text{Si}_2\text{O}_7$. <i>Physical Review B</i> , 2001, 65, .	1.1	34
155	Field-Induced Three- and Two-Dimensional Freezing in a Quantum Spin Liquid. <i>Physical Review Letters</i> , 2001, 86, 1618-1621.	2.9	41
156	Phase diagram of spin-vacancy-induced antiferromagnetism in a new Haldane compound $\text{PbNi}_2\text{V}_2\text{O}_8$. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 1641-1642.	1.3	14
157	Neutron inelastic scattering at SINQ. <i>Neutron News</i> , 2000, 11, 22-25.	0.1	0
158	Role of single-ion excitations in the mixed-spin quasi-one-dimensional quantum antiferromagnet $\text{Nd}_2\text{BaNiO}_5$. <i>Physical Review B</i> , 2000, 61, 11601-11612.	1.1	17
159	Magnetic excitations in coupled Haldane spin chains near the quantum critical point. <i>Physical Review B</i> , 2000, 62, 8921-8930.	1.1	74
160	Energy Separation of Single-Particle and Continuum States in an $S=1/2$ Weakly Coupled Chains Antiferromagnet. <i>Physical Review Letters</i> , 2000, 85, 4799-4802.	2.9	53
161	Haldane spin chains in a staggered field: 2-1-1-5 rare earth nickelates. <i>Neutron News</i> , 1999, 10, 16-19.	0.1	2
162	Magnetic anisotropy and low-energy spin waves in the Dzyaloshinskii-Moriya spiral magnet $\text{Ba}_2\text{CuGe}_2\text{O}_7$. <i>Physical Review B</i> , 1999, 59, 11432-11444.	1.1	63

#	ARTICLE	IF	CITATIONS
163	BaCu ₂ Si ₂ O ₇ : A quasi-one-dimensional $S=1/2$ antiferromagnetic chain system. <i>Physical Review B</i> , 1999, 60, 6601-6607.	1.1	92
164	Polarized-Neutron Observation of Longitudinal Haldane-Gap Excitations in Nd ₂ BaNiO ₅ . <i>Physical Review Letters</i> , 1999, 82, 2382-2385.	2.9	43
165	Neutron scattering study in BaNiO ₂ . <i>Journal of Physics and Chemistry of Solids</i> , 1999, 60, 1121-1123.	1.9	10
166	Spin-Vacancy-Induced Long-Range Order in a New Haldane-Gap Antiferromagnet. <i>Physical Review Letters</i> , 1999, 83, 632-635.	2.9	187
167	Influence of atomic order on [110] phonon softening [4] and displacive phase transition in Invar alloys. <i>European Physical Journal B</i> , 1999, 10, 641-648.	0.6	21
168	The magnetic structures of DyNi ₂ Ge ₂ . <i>Solid State Communications</i> , 1998, 108, 371-376.	0.9	11
169	Experimental Measurement of the Staggered Magnetization Curve for a Haldane Spin Chain. <i>Physical Review Letters</i> , 1998, 80, 3630-3633.	2.9	55
170	Magnetic ordering, spin waves, and Haldane-gap excitations in (Nd _x Y _{1-x}) ₂ BaNiO ₅ linear-chain mixed-spin antiferromagnets. <i>Physical Review B</i> , 1998, 58, 14424-14435.	1.1	41
171	Competing exchange interactions in Li ₂ CuO ₂ . <i>Europhysics Letters</i> , 1998, 43, 77-82.	0.7	56
172	Neutron diffraction and x-ray resonant exchange-scattering studies of the zero-field magnetic structures of TbNi ₂ Ge ₂ . <i>Physical Review B</i> , 1998, 58, 8522-8533.	1.1	23
173	Universal Behavior of One-Dimensional Gapped Antiferromagnets in a Staggered Magnetic Field. <i>Physical Review Letters</i> , 1998, 80, 5786-5789.	2.9	37
174	Experimental Evidence for Kaplan-Shekhtman-Entin-Wohlman-Aharony Interactions in Ba ₂ CuGe ₂ O ₇ . <i>Physical Review Letters</i> , 1998, 81, 5410-5413.	2.9	52
175	Field-induced incommensurate-to-commensurate transition in Ba ₂ CuGe ₂ O ₇ . <i>Physical Review B</i> , 1998, 57, 2968-2978.	1.1	38
176	Coexistence of Haldane-gap excitations and long-range antiferromagnetic order in mixed-spin nickelates R ₂ BaNiO ₅ . <i>Physical Review B</i> , 1998, 57, 68-71.	1.1	43
177	Ni-chain gap excitations in (Nd _x Y _{1-x}) ₂ BaNiO ₅ : One-dimensional to three-dimensional crossover. <i>Physical Review B</i> , 1997, 55, 11516-11520.	1.1	38
178	Field-Induced Commensurate-Incommensurate Phase Transition in a Dzyaloshinskii-Moriya Spiral Antiferromagnet. <i>Physical Review Letters</i> , 1997, 78, 4857-4860.	2.9	84
179	Square-lattice spiral magnet Ba ₂ CuGe ₂ O ₇ in an in-plane magnetic field. <i>Physical Review B</i> , 1997, 56, 14006-14012.	1.1	27
180	Temperature-dependent spin gap and singlet ground state in BaCuSi ₂ O ₆ . <i>Physical Review B</i> , 1997, 55, 8357-8360.	1.1	99

#	ARTICLE	IF	CITATIONS
181	Coexistence of Haldane-gap excitations and long-range order in R ₂ BaNiO ₅ (R = rare earth). <i>Physica B: Condensed Matter</i> , 1997, 241-243, 495-500.	1.3	2
182	Spiral order in Ba ₂ CuGe ₂ O ₇ . <i>Physica B: Condensed Matter</i> , 1997, 234-236, 546-548.	1.3	6
183	Precursor effects and premartensitic transformation in Ni ₂ MnGa. <i>Physical Review B</i> , 1996, 54, 15045-15050.	1.1	175
184	Dimerized ground state and magnetic excitations in CaCuGe ₂ O ₆ . <i>Physical Review B</i> , 1996, 53, 11642-11646.	1.1	30
185	Uniaxial stress dependence of the $[\hat{\Gamma} \hat{\Gamma} 0]$ -TA2 anomalous phonon branch in Ni ₂ MnGa. <i>Solid State Communications</i> , 1996, 98, 35-39.	0.9	29
186	Spin dynamics in the linear-chain S=1 antiferromagnet Ni(C ₃ H ₁₀ N ₂) ₂ N ₃ (ClO ₄). <i>Physical Review B</i> , 1996, 53, 15004-15009.	1.1	33
187	Spiral phase and spin waves in the quasi-two-dimensional antiferromagnet Ba ₂ CuGe ₂ O ₇ . <i>Physical Review B</i> , 1996, 54, 15163-15170.	1.1	55
188	Magnetic gap excitations in a one-dimensional mixed spin antiferromagnet Nd ₂ BaNiO ₅ . <i>Physical Review B</i> , 1996, 54, 7210-7215.	1.1	43
189	X-ray magnetic scattering study of three-dimensional magnetic order in the quasi-one-dimensional antiferromagnet Nd ₂ BaNiO ₅ . <i>Physical Review B</i> , 1996, 54, 7216-7221.	1.1	29
190	Magnetic excitations and soft-mode transition in the quasi-one-dimensional mixed-spin antiferromagnet Pr ₂ BaNiO ₅ . <i>Physical Review B</i> , 1996, 54, 6437-6447.	1.1	48
191	Magnetic excitations and soft-mode transition in Pr ₂ BaNiO ₅ . <i>Europhysics Letters</i> , 1996, 35, 385-390.	0.7	17
192	The inverse Fourier problem in the case of poor resolution in one given direction: the maximum-entropy solution. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1995, 51, 295-300.	0.3	20
193	A non-uniform reference model for maximum-entropy density reconstructions from diffraction data. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1995, 51, 450-455.	0.3	18
194	The spin density in an imino nitroxide free radical: A polarized-neutron study. <i>Physica B: Condensed Matter</i> , 1995, 213-214, 268-271.	1.3	9
195	Neutron diffraction studies of the first purely organic ferromagnetic crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 1441-1442.	1.0	9
196	Spin density in an organic biradical ferromagnetic crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 1439-1440.	1.0	11
197	An imino nitroxide free radical: Experimental and theoretical spin density and electronic structure. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 145, 293-305.	1.0	24
198	Phase Transformation and Phonon Anomalies in Ni ₂ MnGa. <i>European Physical Journal Special Topics</i> , 1995, 05, C8-1139-C8-1144.	0.2	5

#	ARTICLE	IF	CITATIONS
199	Phonon anomaly, central peak, and microstructures in Ni ₂ MnGa. <i>Physical Review B</i> , 1995, 51, 11310-11314.	1.1	256
200	The Experimental Spin Density of Two Nitrophenyl Nitroxides: A Nitronyl Nitroxide and an Imino Nitroxide. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 271, 35-53.	0.3	8
201	The Spin Density Distribution in the Tetracyanoethylene Radical Anion, [TCNE] ^{•-} , by Single-Crystal Polarized Neutron Diffraction. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1397-1399.	4.4	23
202	Neutron diffraction observation of a ferromagnetic phase transition in a purely organic crystal. <i>Solid State Communications</i> , 1994, 90, 233-235.	0.9	22
203	Experimental spin density in the first purely organic ferromagnet: the \hat{I}^2 para-nitrophenyl nitronyl nitroxide. <i>Journal of Magnetism and Magnetic Materials</i> , 1994, 135, 147-160.	1.0	52
204	Experimental Determination of the Spin Density in the Tetracyanoethenide Free Radical, [TCNE] ^{•-} , by Single-Crystal Polarized Neutron Diffraction. A View of a π^* Orbital. <i>Journal of the American Chemical Society</i> , 1994, 116, 7243-7249.	6.6	74
205	Spin density in a nitronyl nitroxide free radical. Polarized neutron diffraction investigation and ab initio calculations. <i>Journal of the American Chemical Society</i> , 1994, 116, 2019-2027.	6.6	228
206	Spin Densities in Nitronyl Nitroxide Free Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 232, 13-26.	0.3	14