

Andrey Zheludev

List of Publications by Year in descending order

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3260
citing authors

#	ARTICLE	IF	CITATIONS
1	Phonon anomaly, central peak, and microstructures in Ni ₂ MnGa. Physical Review B, 1995, 51, 11310-11314.	1.1	256
2	Stripe order in superconducting La ₂ CuO ₄ . Physical Review Letters, 1993, 71, 1871-1874.	1.1	242
3	Spin density in a nitronyl nitroxide free radical. Polarized neutron diffraction investigation and ab initio calculations. Journal of the American Chemical Society, 1994, 116, 2019-2027.	6.6	228
4	Spin-Vacancy-Induced Long-Range Order in a New Haldane-Gap Antiferromagnet. Physical Review Letters, 1999, 83, 632-635.	2.9	187
5	Competition between Helimagnetism and Commensurate Quantum Spin Correlations in LiCu ₂ O ₂ . Physical Review Letters, 2004, 92, 177201.	2.9	185
6	Precursor effects and premartensitic transformation in Ni ₂ MnGa. Physical Review B, 1996, 54, 15045-15050.	1.1	175
7	Dynamics of Composite Haldane Spin Chains in PA ₂ CuCl ₃ . Physical Review Letters, 2006, 96, 047210.	2.9	117
8	Spin waves and magnetic interactions in LiCu ₂ O ₂ . Physical Review B, 2005, 72, .	1.1	113
9	Temperature-dependent spin gap and singlet ground state in BaCuSi ₂ O ₆ . Physical Review B, 1997, 55, 8357-8360.	1.1	99
10	BaCu ₂ Si ₂ O ₇ : A quasi-one-dimensional S=1/2 antiferromagnetic chain system. Physical Review B, 1999, 60, 6601-6607.	1.1	92
11	Field-Induced Commensurate-Incommensurate Phase Transition in a Dzyaloshinskii-Moriya Spiral Antiferromagnet. Physical Review Letters, 1997, 78, 4857-4860.	2.9	84
12	Evidence of a magnetic Bose glass in $\text{La}_{2-x}\text{Pr}_x\text{CuO}_4$.		

#	ARTICLE	IF	CITATIONS
19	Competing exchange interactions in Li ₂ CuO ₂ . Europhysics Letters, 1998, 43, 77-82.	0.7	56
20	Dirty-boson physics with magnetic insulators. Comptes Rendus Physique, 2013, 14, 740-756.	0.3	56
21	Spiral phase and spin waves in the quasi-two-dimensional antiferromagnet Ba ₂ CuGe ₂ O ₇ . Physical Review B, 1996, 54, 15163-15170.	1.1	55
22	Experimental Measurement of the Staggered Magnetization Curve for a Haldane Spin Chain. Physical Review Letters, 1998, 80, 3630-3633.	2.9	55
23	Energy Separation of Single-Particle and Continuum States in an S=1/2 Weakly Coupled Chains Antiferromagnet. Physical Review Letters, 2000, 85, 4799-4802.	2.9	53
24	Experimental spin density in the first purely organic ferromagnet: the $\hat{\Gamma}^2$ para-nitrophenyl nitronyl nitroxide. Journal of Magnetism and Magnetic Materials, 1994, 135, 147-160.	1.0	52
25	Experimental Evidence for Kaplan-Shekhtman-Entin-Wohlman-Aharony Interactions in Ba ₂ CuGe ₂ O ₇ . Physical Review Letters, 1998, 81, 5410-5413.	2.9	52
26	Spin waves and magnetic ordering in the quasi-one-dimensional S=1/2 antiferromagnet BaCu ₂ Si ₂ O ₇ . Physical Review B, 2001, 64, .	1.1	50
27	Microscopic coexistence of antiferromagnetic and spin-glass states. Physical Review B, 2013, 87, .	1.1	50
28	Attractive Tomonaga-Luttinger Liquid in a Quantum Spin Ladder. Physical Review Letters, 2013, 111, 106404.	2.9	50
29	Magnetic excitations and soft-mode transition in the quasi-one-dimensional mixed-spin antiferromagnet Pr ₂ BaNiO ₅ . Physical Review B, 1996, 54, 6437-6447.	1.1	48
30	Field-induced criticality in a gapped quantum magnet with bond disorder. Physical Review B, 2012, 85, .	1.1	44
31	Spectrum of a Magnetized Strong-Leg Quantum Spin Ladder. Physical Review Letters, 2013, 111, 107202.	2.9	44
32	Magnetic gap excitations in a one-dimensional mixed spin antiferromagnet Nd ₂ BaNiO ₅ . Physical Review B, 1996, 54, 7210-7215.	1.1	43
33	Coexistence of Haldane-gap excitations and long-range antiferromagnetic order in mixed-spin nickelates R ₂ BaNiO ₅ . Physical Review B, 1998, 57, 68-71.	1.1	43
34	Polarized-Neutron Observation of Longitudinal Haldane-Gap Excitations in Nd ₂ BaNiO ₅ . Physical Review Letters, 1999, 82, 2382-2385.	2.9	43
35	Haldane-gap excitations in the low-dimensional quantum antiferromagnet Ni(C ₅ D ₁₄ N ₂) ₂ N ₃ (PF ₆). Physical Review B, 2001, 63, .	1.1	43
36	Cooperative Ordering of Gapped and Gapless Spin Networks in Cu ₂ Fe ₂ Ge ₄ O ₁₃ . Physical Review Letters, 2004, 93, 077202.	2.9	43

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37	Excitations in a Four-Leg Antiferromagnetic Heisenberg Spin Tube. Physical Review Letters, 2008, 100, 037206.	2.9	42
38	Magnetic ordering, spin waves, and Haldane-gap excitations in $(\text{Nd}_{1-x}\text{Y}_x)_2\text{BaNiO}_5$ linear-chain mixed-spin antiferromagnets. Physical Review B, 1998, 58, 14424-14435.	1.1	41
39	Field-Induced Three- and Two-Dimensional Freezing in a Quantum Spin Liquid. Physical Review Letters, 2001, 86, 1618-1621.	2.9	41
40	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
41	Spin Pseudogap in Ni-Doped SrCu_2O_7 . Physical Review Letters, 2013, 111, 067204.	2.9	39
42	Ni-chain gap excitations in $(\text{Nd}_{1-x}\text{Y}_x)_2\text{BaNiO}_5$: One-dimensional to three-dimensional crossover. Physical Review B, 1997, 55, 11516-11520.	1.1	38
43	Field-induced incommensurate-to-commensurate transition in $\text{Ba}_2\text{CuGe}_2\text{O}_7$. Physical Review B, 1998, 57, 2968-2978.	1.1	38
44	Universal Behavior of One-Dimensional Gapped Antiferromagnets in a Staggered Magnetic Field. Physical Review Letters, 1998, 80, 5786-5789.	2.9	37
45	Extended Universal Finite-T Renormalization of Excitations in a Class of One-Dimensional Quantum Magnets. Physical Review Letters, 2008, 100, 157204.	2.9	36
46	Symmetric and asymmetric excitations of a strong-leg quantum spin ladder. Physical Review B, 2013, 88, .	1.1	36
47	Massive triplet excitations in a magnetized anisotropic Haldane spin chain. Physical Review B, 2003, 68, .	1.1	35
48	Quantum spin chains with frustration due to Dzyaloshinskii-Moriya interactions. Physical Review B, 2014, 90, .	1.1	35
49	Spin dynamics in the quasi-one-dimensional $S=1/2$ antiferromagnet $\text{BaCu}_2\text{Si}_2\text{O}_7$. Physical Review B, 2001, 65, .	1.1	34
50	Distribution of NMR Relaxations in a Random Heisenberg Chain. Physical Review Letters, 2011, 106, 137202.	2.9	34
51	Spin dynamics in the linear-chain $S=1$ antiferromagnet $\text{Ni}(\text{C}_3\text{H}_7\text{N}_2)_3(\text{ClO}_4)$. Physical Review B, 1996, 53, 15004-15009.	1.1	33
52	Masuda et al. Reply. Physical Review Letters, 2005, 94, .	2.9	33
53	Dynamics of quantum spin liquid and spin solid phases in LiCu_3Cl_3 under an applied magnetic field studied with neutron scattering. Physical Review B, 2007, 76, .	1.1	33
54	Scaling of temporal correlations in an attractive Tomonaga-Luttinger spin liquid. Physical Review B, 2015, 91, .	1.1	32

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55	Dimerized ground state and magnetic excitations in CaCuGe ₂ O ₆ . Physical Review B, 1996, 53, 11642-11646.	1.1	30
56	Uniaxial stress dependence of the $[\Gamma_1 \Gamma_1 0]$ -TA2 anomalous phonon branch in Ni ₂ MnGa. Solid State Communications, 1996, 98, 35-39.	0.9	29
57	X-ray magnetic scattering study of three-dimensional magnetic order in the quasi-one-dimensional antiferromagnet Nd ₂ BaNiO ₅ . Physical Review B, 1996, 54, 7216-7221.	1.1	29
58	Phase diagram of the Dzyaloshinskii-Moriya helimagnet Ba ₂ CuGe ₂ O ₇ . Physical Review B, 2004, 69, 14006-14012.	1.1	29
59	Dynamics of an anisotropic Haldane antiferromagnet in a strong magnetic field. Physical Review B, 2004, 69, 14006-14012.	1.1	28
60	Magnetic phase diagram of the frustrated magnet LiCu ₂ O. Physical Review B, 1997, 56, 14006-14012.	1.1	28
61	Square-lattice spiral magnet Ba ₂ CuGe ₂ O ₇ in an in-plane magnetic field. Physical Review B, 1997, 56, 14006-14012.	1.1	27
62	Quasielastic Neutron Scattering in the High-Field Phase of a Haldane Antiferromagnet. Physical Review Letters, 2002, 88, 077206.	2.9	27
63	Quantum and classical dynamics in mixed-spin one-dimensional antiferromagnets. Journal of Physics Condensed Matter, 2001, 13, R525-R536.	0.7	26
64	Chiral and Collinear Ordering in a Distorted Triangular Antiferromagnet. Physical Review Letters, 2009, 102, 037202.	2.9	26
65	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
66	Quantum Critical Dynamics in a Spin Ladder. Physical Review Letters, 2018, 121, 247201.	1.1	26
67	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
68	An imino nitroxide free radical: Experimental and theoretical spin density and electronic structure. Journal of Magnetism and Magnetic Materials, 1995, 145, 293-305.	1.0	24
69	Structure of multiple spin-flop states in BaCu ₂ Si ₂ O ₇ . Physical Review B, 2002, 65, .	1.1	24
70	Magnetic excitations in the weakly coupled spin dimers and chains material Cu ₂ Fe ₂ Ge ₄ O ₁₃ . Physical Review B, 2005, 72, .	1.1	24
71	Dichotomy between Attractive and Repulsive Tomonaga-Luttinger Liquids in Spin Ladders. Physical Review Letters, 2016, 117, 106402.	2.9	24
72	The Spin Density Distribution in the Tetracyanoethylene Radical Anion, [TCNE] ⁻ , by Single-Crystal Polarized Neutron Diffraction. Angewandte Chemie International Edition in English, 1994, 33, 1397-1399.	4.4	23

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73	Neutron diffraction and x-ray resonant exchange-scattering studies of the zero-field magnetic structures of TbNi ₂ Ge ₂ . Physical Review B, 1998, 58, 8522-8533.	1.1	23
74	Crystals for neutron scattering studies of quantum magnetism. Philosophical Magazine, 2012, 92, 2629-2647.	0.7	23
75	Neutron diffraction observation of a ferromagnetic phase transition in a purely organic crystal. Solid State Communications, 1994, 90, 233-235.	0.9	22
76	Polarization dependence of spin excitations in BaCu ₂ Si ₂ O ₇ . Physical Review B, 2003, 67, .	1.1	22
77	Dimensional crossover in a spin-liquid-to-helimagnet quantum phase transition. Physical Review B, 2009, 79, .	1.1	22
78	Thermodynamic properties and neutron diffraction studies of silver ferrite AgFeO ₂ . Journal of Physics Condensed Matter, 2010, 22, 016007.	0.7	22
79	Influence of atomic order on [110] phonon softening [4] and displacive phase transition in Invar alloys. European Physical Journal B, 1999, 10, 641-648.	0.6	21
80	Effect of pressure on the quantum spin ladder material IPA-CuCl ₃ . Physical Review B, 2008, 78, .	1.1	21
81	Criticality in a disordered quantum antiferromagnet studied by neutron diffraction. Physical Review B, 2013, 88, .	1.1	21
82	Pressure-Induced Quantum Critical and Multicritical Points in a Frustrated Spin Liquid. Physical Review Letters, 2014, 112, .	2.9	21
83	ESR study of the spin ladder with uniform Dzyaloshinskii-Moriya interaction. Physical Review B, 2015, 92, .	1.1	21
84	The inverse Fourier problem in the case of poor resolution in one given direction: the maximum-entropy solution. Acta Crystallographica Section A: Foundations and Advances, 1995, 51, 295-300.	0.3	20
85	Low-Temperature Dynamics of Magnons in a Spin- $\langle \mathbb{1} \rangle$ Ladder Compound. Physical Review Letters, 2011, 106, 177202.	2.9	20
86	Disorder instability of the magnon condensate in a frustrated spin ladder. Physical Review B, 2011, 84, .	1.1	20
87	Phase of the Dzyaloshinskii-Moriya helimagnet BaCu ₂ Ge ₂ . Physical Review B, 2011, 84, .	1.1	20
88	Electron spin resonance in a model antiferromagnet with a uniform Dzyaloshinskii-Moriya interaction. Physical Review B, 2015, 92, .	1.1	20
89	Thermodynamics of a frustrated quantum magnet on a square lattice. Physical Review B, 2019, 99, .	1.1	20
90	Dynamics and Scaling in a Quantum Spin Chain Material with Bond Randomness. Physical Review Letters, 2004, 93, 077206.	2.9	19

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91	the connections between superconductivity, stripe order, and structure in $\text{LaBaCu}_2\text{O}_{7-x}$. Physical Review B, 2012, 86, .	1.1	19
92	Excitations in a quantum spin liquid with random bonds. Physical Review B, 2012, 86, .	1.1	19
93	Asymmetric Thermal Line Shape Broadening in a Gapped 3D Antiferromagnet: Evidence for Strong Correlations at Finite Temperature. Physical Review Letters, 2012, 109, 127206.	2.9	19
94	A non-uniform reference model for maximum-entropy density reconstructions from diffraction data. Acta Crystallographica Section A: Foundations and Advances, 1995, 51, 450-455.	0.3	18
95	Distribution of exchange energy in a bond-alternating $S=1$ quantum spin chain. Physical Review B, 2004, 69, .	1.1	18
96	Magnetic excitations and soft-mode transition in $\text{Pr}_2\text{BaNiO}_5$. Europhysics Letters, 1996, 35, 385-390.	0.7	17
97	Role of single-ion excitations in the mixed-spin quasi-one-dimensional quantum antiferromagnet $\text{Nd}_2\text{BaNiO}_5$. Physical Review B, 2000, 61, 11601-11612.	1.1	17
98	Magnetic-Order Crossover in Coupled Spin Ladders. Physical Review Letters, 2017, 118, 167206.	2.9	17
99	Zone-boundary excitations in coupled Haldane spin chain compounds $\text{PbNi}_2\text{V}_2\text{O}_8$ and $\text{SrNi}_2\text{V}_2\text{O}_8$. Physical Review B, 2001, 64, .	1.1	16
100	Finite-temperature correlations in a quantum spin chain near saturation. Physical Review B, 2017, 96, .	1.1	16
101	Sign switching of dimer correlations in SrCu_2Cl_2 under hydrostatic pressure. Physical Review Research, 2020, 2, .	1.1	16
102	Field-induced commensurate long-range order in the Haldane-gap system $\text{Ni(C}_5\text{H}_{14}\text{N}_2)_2\text{N}_3(\text{ClO}_4)$. Europhysics Letters, 2001, 55, 868-873.	0.7	15
103	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
104	Spin dynamics in pressure-induced magnetically ordered phases in $\text{TjETQqO}_0\text{O}_r\text{gBT/O}$. Physical Review B, 2015, 92, .	1.1	15
105	Finite-temperature scaling of spin correlations in a partially magnetized Heisenberg NiCl_2SC . Physical Review B, 2015, 92, .	1.1	15
106	Critical exponents and intrinsic broadening of the field-induced transition in NiCl_2SC . Physical Review B, 2015, 91, .	1.1	15
107	Spin Densities in Nitronyl Nitroxide Free Radicals. Molecular Crystals and Liquid Crystals, 1993, 232, 13-26.	0.3	14
108	Phase diagram of spin-vacancy-induced antiferromagnetism in a new Haldane compound $\text{PbNi}_2\text{V}_2\text{O}_8$. Physica B: Condensed Matter, 2000, 284-288, 1641-1642.	1.3	14

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109	Ordering in weakly coupled random singlet spin chains. Physical Review B, 2012, 86, .	1.1	14
110	Dynamics of a bond-disordered magnet near $S=1$ Physical Review B, 2015, 92, .	1.1	14
111	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
112	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
113	One- and three-dimensional quantum phase transitions and anisotropy in RbO_{12} . Physical Review B, 2019, 100, .	1.1	14
114	BiCu_2VO_6 : A new narrow-band spin-gap material. Europhysics Letters, 2003, 63, 757-763.	0.7	13
115	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
116	Electron spin resonance study of anisotropic interactions in a two-dimensional spin-gap magnet		

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127	Interacting quantum spin chains. Applied Physics A: Materials Science and Processing, 2002, 74, s1-s5.	1.1	11
128	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
129	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
130	Neutron scattering study in BaNiO_2 . Journal of Physics and Chemistry of Solids, 1999, 60, 1121-1123.	1.9	10
131	Half-ordered state in the anisotropic Haldane-gap antiferromagnet $\text{Ni}(\text{C}_5\text{D}_{14}\text{N}_2)_2\text{N}_3(\text{PF}_6)$. Physical Review B, 2005, 71, .	1.1	10
132	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
133	Impact of strong disorder on the static magnetic properties of the spin-chain compound $\text{BaCu}_2\text{SiGeO}_7$. Physical Review B, 2013, 88, .	1.1	10
134	Magnetic short- and long-range order in PbFe_3O_7 . Physical Review B, 2014, 89, .	1.1	10
135	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
136	The spin density in an imino nitroxide free radical: A polarized-neutron study. Physica B: Condensed Matter, 1995, 213-214, 268-271.	1.3	9
137	Neutron diffraction studies of the first purely organic ferromagnetic crystal. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1441-1442.	1.0	9
138	Neutron scattering study of the layered Ising magnet $\text{CsDy}(\text{MoO}_4)_2$. Low Temperature Physics, 2004, 30, 133-139.	0.2	9
139	Random exchange in the spin ladder $\text{Cu}(\text{quinoxaline})_2$ ($X=\text{Cl}, \text{Br}$). Polyhedron, 2011, 30, 3006-3009. Comment on "Transition from Bose glass to a condensate of triplons in TlCuO_2 ".	1.0	9
140	Spin pseudogap in the $S=1/2$ chain material Sr_2CuO_7 with impurities. Physical Review B, 2017, 95, .	1.1	9
141	Dynamics of the two-dimensional $S=1/2$ dimer system $(\text{C}_5\text{H}_6\text{N}_2\text{F})_2\text{CuCl}_4$. Physical Review B, 2011, 83, .	1.1	9
142	Quantum criticality in a three-dimensional spin system at zero field and pressure. Physical Review B, 2017, 96, .	1.1	9
143	Spin pseudogap in the $S=1/2$ chain material Sr_2CuO_7 with impurities. Physical Review B, 2017, 95, .	1.1	9
144	The Experimental Spin Density of Two Nitrophenyl Nitroxides: A Nitronyl Nitroxide and an Imino Nitroxide. Molecular Crystals and Liquid Crystals, 1995, 271, 35-53.	0.3	8

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145	Synthesis and structural characterization of Dioxane Metal-organic compound with Heisenberg antiferromagnetic Cu_2Cl_2 . Physical Review B, 2009, 80, .	1.1	8
146	Excitations from a chiral magnetized state of a frustrated quantum spin liquid. Physical Review B, 2009, 80, .	1.1	8
147	Electron Spin Resonance of the Interacting Spinon Liquid. Physical Review Letters, 2022, 128, 187202.	2.9	8
148	Microscopic model for a class of mixed-spin quantum antiferromagnets. Physical Review B, 2002, 65, .	1.1	7
149	Spin dimers in the quantum ferrimagnet Cu_2Cl_2 staggered and random m. Physical Review B, 2009, 80, .	1.1	7
150	Modes of magnetic resonance of the Cu_2Cl_2 dimer chain compound NTENP. Physical Review B, 2010, 82, .	1.1	7
151	The tunable quantum spin ladder $\text{Cu}(\text{Qnx})(\text{Cl}_{1-x}\text{Br}_x)_2$. Journal of Magnetism and Magnetic Materials, 2014, 370, 62-67.	1.0	7
152	Phase transition of chemically doped uniaxial relaxor ferroelectric. Journal of Physics Condensed Matter, 2015, 27, 435901.	0.7	7
153	Magnetic ordering in the ultrapure site-diluted spin chain materials $\text{SrCu}_2\text{Ni}_x\text{O}_2$. Physical Review B, 2016, 93, .	1.1	7
154	Presaturation phase in the frustrated ferro-antiferromagnet Cu_2Cl_2 . Physical Review B, 2020, 102, .	1.1	7
155	Spiral order in $\text{Ba}_2\text{CuGe}_2\text{O}_7$. Physica B: Condensed Matter, 1997, 234-236, 546-548.	1.3	6
156	Dilution-Controlled Quantum Criticality in Rare-Earth Nickelates. Physical Review Letters, 2004, 93, 156401.	2.9	6
157	Spin-density distribution in the partially magnetized organic quantum magnet F_2PNNNO . Physical Review B, 2007, 75, .	1.1	6
158	Magnetic field effect on Fe-induced short-range magnetic correlation and electrical conductivity in Bi_2Te_3 . Physical Review B, 2010, 82, .	1.1	6
159	Multiple spin-flop phase diagram of $\text{BaCu}_2\text{Si}_2\text{O}_7$. Journal of Physics Condensed Matter, 2011, 23, 086003.	0.7	6
160	Raman study of spin excitations in the tunable quantum spin ladder $\text{Cu}(\text{Qnx})(\text{Cl}_{1-x}\text{Br}_x)_2$. Physical Review B, 2016, 93, .	1.1	6
161	Electron spin resonance in a strong-rung spin- $\frac{1}{2}$ ladder. Physical Review B, 2016, 93, .	1.1	6
162	Effect of disorder on a pressure-induced quantum phase transition. Physical Review B, 2016, 94, .	1.1	6

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163	Spin waves near the edge of halogen substitution induced magnetic order in $\text{Ni}_{1-x}\text{Mn}_x\text{VO}$. Physical Review B, 2018, 98, .		
164	Chemical composition induced quantum phase transition in CsMnCl_2 . Physical Review B, 2019, 99, .		
165	Magnetization plateaux cascade in the frustrated quantum antiferromagnet Cs_2CoBr_4 . Physical Review Research, 2020, 2, .	1.3	6
166	Phase Transformation and Phonon Anomalies in Ni_2MnGa . European Physical Journal Special Topics, 1995, 05, C8-1139-C8-1144.	0.2	5
167	Giant dielectric nonlinearities at a magnetic Bose-Einstein condensation. Physical Review B, 2015, 92, .	1.1	5
168	Antiferromagnetic order in weakly coupled random spin chains. Physical Review B, 2015, 91, .	1.1	5
169	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
170	Magnetic-Field-Induced Bound States in Spin-1 Ladders. Physical Review Letters, 2020, 124, 087203.	2.9	5
171	Inelastic neutron scattering determination of the spin Hamiltonian for $\text{BaCdVO}(\text{PO}_4)_2$. Physical Review B, 2021, 103, .	1.1	5
172	Multi-frequency ESR in NaCu_2O_2 . Journal of Physics: Conference Series, 2006, 51, 71-74.	0.3	4
173	Formation of gapless triplets in the bond-doped spin-gap antiferromagnet $(\text{C}_4\text{H}_{12}\text{N}_2)(\text{Cu}_2\text{Cl}_6)$. Journal of Physics Condensed Matter, 2014, 26, 486002.	0.7	4
174	Inhomogeneous ordering in weakly coupled Heisenberg $S=1/2$ chains with random bonds. Physical Review B, 2014, 90, .	1.1	4
175	High-pressure Raman study of the quantum magnet Cu_2Cl_6 . Physical Review B, 2014, 90, .	1.1	4
176	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
177	Magnetic phase diagram of the linear quantum ferro-antiferromagnet CsMn_2O_7 . Physical Review B, 2020, 101, .	1.1	4
178	Anisotropy-Induced Soliton Excitation in Magnetized Strong-Rung Spin Ladders. Physical Review Letters, 2020, 125, 027204.	2.9	4
179	Quantum Critical Dynamics and Scaling in One-Dimensional Antiferromagnets. Journal of Experimental and Theoretical Physics, 2020, 131, 34-45.	0.2	4
180	NMR evidence against a spin-nematic nature of the presaturation phase in the frustrated magnet SrZnVO . Physical Review B, 2022, 105, .	1.1	4

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181	Coexistence of spiral and commensurate structures in a triangular antiferromagnet $\text{KFe}(\text{MoO}_4)_2$. Journal of Physics: Conference Series, 2010, 200, 032068.	0.3	3
182	Microwave dynamics of the stoichiometric and bond-disordered anisotropic $S=1$ chain antiferromagnet $\text{NiCl}_2\cdot 4\text{SC}(\text{NH}_2)_2$. Physical Review B, 2020, 101, .	1.1	3
183	Magnetized States of Quantum Spin Chains. Lecture Notes in Physics, 2002, , 211-234.	0.3	3
184	Phase diagram and spin waves in the frustrated ferro-antiferromagnet SrZnVO_4 . Physical Review B, 2021, 104, .	1.1	3
185	Coexistence of Haldane-gap excitations and long-range order in R_2BaNiO_5 (R = rare earth). Physica B: Condensed Matter, 1997, 241-243, 495-500.	1.3	2
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