Experiments on simple magnetic model systems

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Citation Report

#	Article	IF	Citations
1	Spin waves in the nearly one-dimensional systems of CsNiCl3and RbNiCl3. Physical Review B, 1974, 10, 4643-4649.	3.2	28
2	Extension of the Callen-Symanzik approach to critical phenomena. Physical Review B, 1974, 10, 3877-3884.	3.2	1
3	Electron spin resonance in a two-dimensional compound with appreciable interplane coupling: NaCrS2. Physical Review B, 1974, 10, 4531-4539.	3.2	13
4	Distribution of magnon modes in dilute two-dimensional ferromagnets and antiferromagnets. Physical Review B, 1974, 10, 4621-4625.	3.2	18
5	Magnetic interactions in CoBr2Â·6H2O. Physical Review B, 1974, 10, 4690-4696.	3.2	15
6	Critical behaviour of the two-dimensional ising antiferromagnets K2CoF4 and Rb2CoF4. Journal of Physics and Chemistry of Solids, 1974, 35, 785-793.	4.0	62
7	Antiferromagnetic susceptibility of RbMnF3. Evidence for a temperature dependence of the exchange constant. Solid State Communications, 1974, 15, 1061-1065.	1.9	31
8	Spin-wave theory and the field-dependent critical behaviour of the antiferromagnetic perpendicular susceptibility in (C2H5NH3)2 CuCl4 and CoBr2Â·6H2O. Solid State Communications, 1974, 14, 1303-1308.	1.9	3
9	High-temperature specific heat and susceptibility of the quadratic model. Comparison with data on CoCl2.6H2O and CoBr2.6H2O. Solid State Communications, 1974, 15, 1711-1714.	1.9	22
10	The renormalization group in the theory of critical behavior. Reviews of Modern Physics, 1974, 46, 597-616.	45.6	1,362
11	Phase Transition of Nearly Two-Dimensional Heisenberg Ferromagnets with Weak Perturbations. Journal of the Physical Society of Japan, 1975, 39, 1239-1251.	1.6	20
12	On the magnetic phase transition of some layered copper compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1975, 79, 467-498.	0.9	6
13	Specific heat of hydrazinium-transition metal-sulfate linear chain compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1975, 79, 113-147.	0.9	13
14	Magnetic specific heats of the linear chain series Ni(II)X2L2 with X=Cl or Br and L=N2C3H4 or NC5H5. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1975, 79, 547-567.	0.9	10
15	On the exchange interactions in some 3d-metal ionic compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1975, 79, 568-593.	0.9	80
16	Propagative spin relaxation in the Ising-like antiferromagnetic linear chain. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1975, 79, 1-12.	0.9	115
17	Magnetic behaviour of CoCl2.6H2O and CoBr2.6H2O. Comparison with the quadratic, , XY model. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1975, 79, 53-75.	0.9	8
18	Spin state of manganese in monolayer films of Mn arachidate. Chemical Physics Letters, 1975, 31, 602-604.	2.6	13

#	Article	IF	Citations
19	Critical behaviour of the magnetic susceptibility of two nearly bidimensional Heisenberg ferromagnets. Physics Letters, Section A: General, Atomic and Solid State Physics, 1975, 53, 141-143.	2.1	16
20	Experimental evidence of the strong dependence of TN on low impurity concentrations in the 1D antiferromagnet TMMC. Physics Letters, Section A: General, Atomic and Solid State Physics, 1975, 55, 181-183.	2.1	12
21	AFMR linewidth of two-dimensional antiferromagnets. Physics Letters, Section A: General, Atomic and Solid State Physics, 1975, 54, 135-136.	2.1	4
22	On the anisotropic Heisenberg chain. Physica A: Statistical Mechanics and Its Applications, 1975, 79, 617-633.	2.6	6
23	Squaric acid, a two-dimensional hydrogen-bonded material with a phase transition. Solid State Communications, 1975, 17, 217-219.	1.9	55
24	Effect of single ion anisotropy on the critical temperature of classical quasi-one-dimensional magnets. Solid State Communications, 1975, 17, 305-308.	1.9	6
25	Critical phenomena in (Co0.88Mn0.12)B. Solid State Communications, 1975, 17, 729-733.	1.9	6
26	Critical behaviour of two slightly uniaxial ferromagnets: Evidence for crossover with anisotropy. Solid State Communications, 1975, 17, 515-518.	1.9	2
27	ESR in quasi 2-d ferromagnets: The coexistence of paramagnetic excitations and magnetostatic spin waves and new interference effects. Solid State Communications, 1975, 17, 1319-1322.	1.9	10
28	Symmetry and lattice-dynamic aspects of structural phase transitions in (CH3NH3)2MnCL4 and related compounds. Journal of Physics and Chemistry of Solids, 1975, 36, 1005-1014.	4.0	83
29	Specific heat of antiferromagnetic CsNiBr3. Physica Status Solidi A, 1975, 31, K31-K32.	1.7	9
30	On the second-order phase transition in (CH3NH3)2MnCl4. A single-crystal neutron diffraction study at 404 and 293 K. Physica Status Solidi A, 1975, 31, 455-462.	1.7	98
31	Magnetoâ€optical investigations of the twoâ€dimensional ferromagnet (CH₃NH₃)₂CuCl₄. Physica Status Solidi (B): Basic Research, 1975, 69, 105-112.	1.5	21
32	Theory of one- and two-dimensional magnets with an easy magnetization plane. II. The planar, classical, two-dimensional magnet. Journal De Physique, 1975, 36, 581-590.	1.8	675
33	Optical properties and ferromagnetic order in K2 CuF4. Journal De Physique, 1975, 36, 1293-1304.	1.8	34
34	Magnetism in orbitally unquenched chainar compounds. I. The antiferromagnetic case: RbFeBr3. Physical Review B, 1975, 11, 4583-4594.	3.2	49
35	Critical behavior of a two-lattice model of antiferromagnetic phase transitions. Physical Review B, 1975, 12, 5034-5042.	3.2	4
36	Thermodynamics of the impure classical Heisenberg chain. Physical Review B, 1975, 11, 4683-4699.	3.2	53

#	Article	IF	Citations
37	Magnetic ordering in CsCoBr3. Physical Review B, 1975, 12, 5007-5015.	3.2	114
38	Impurity effects on the three-dimensional ordering of magnetic chain systems. Physical Review B, 1975, 12, 253-255.	3.2	34
39	Specific heat of disordered antiferromagnetic chains: Poly(metal phosphinates). Physical Review B, 1975, 12, 5297-5301.	3.2	11
40	Magnon pairs and interactions in a disordered two-dimensional antiferromagnet. Physical Review B, 1975, 12, 985-988.	3.2	11
41	Exact numerical results on finite one- and two-dimensional Heisenberg systems. Physical Review B, 1975, 12, 5235-5244.	3.2	11
42	Three-dimensional ordering of impure linear-chain systems. Physical Review B, 1975, 12, 5141-5149.	3.2	65
43	NMR line-shape calculation for a linear dipolar chain. Physical Review B, 1975, 12, 4597-4603.	3.2	17
44	Time-dependent autocorrelation function for a linear Heisenberg chain at infinite temperature. Physical Review B, 1975, 11, 1980-1985.	3.2	28
45	Theory of the spin excitations ofRb2MnxNi1â^'xF4. Physical Review B, 1975, 12, 4980-5006.	3.2	39
46	Normal modes in an anisotropic antiferromagnet. Physical Review B, 1975, 11, 4711-4716.	3.2	27
47	Weak exchange in the Heisenberg linear chain: Structure and EPR of [N(nâ€Bu)4]2[Cu(mnt)2]. Journal of Chemical Physics, 1975, 63, 1926-1942.	3.0	76
48	Phase transitions in quasi-one-dimensional magnetic structures: Quantum effects. Physical Review B, 1975, 12, 1978-1980.	3.2	57
49	Effects of a Magnetic Field on Nuclear Spin Ordering in SolidHe3. Physical Review Letters, 1975, 34, 517-520.	7.8	92
50	Correlation functions in Heisenberg magnetic chains: Quantum effects at low temperatures. Physical Review B, 1975, 12, 2794-2802.	3.2	47
51	Spin dynamics and critical fluctuations in a two-dimensional random antiferromagnet. Physical Review B, 1975, 12, 4963-4979.	3.2	45
52	Metamagnetic Behavior of Triethylenetetrammonium Hexachlorocuprate(II), [C6H22N4]CuCl6. Physical Review Letters, 1975, 35, 1665-1668.	7.8	9
53	Oneâ€”Scale-Factor Universality for Critical Phenomena. Physical Review Letters, 1975, 34, 788-792.	7.8	3
54	Spin Wave Analysis of the Linear Chain Antiferromagnet CsMnCl3Â·2H2O. Journal of the Physical Society of Japan, 1975, 39, 1226-1232.	1.6	19

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55	Spin correlations for a classical linear magnet with exchange and single-site anisotropy energies. Journal of Physics C: Solid State Physics, 1975, 8, 3841-3856.	1.5	87
56	Spin-wave dispersion and sublattice magnetization in NiCl2. Journal of Physics C: Solid State Physics, 1975, 8, 1059-1069.	1.5	55
57	On the critical behaviour of an Ising system with lattice coupling. Journal of Physics C: Solid State Physics, 1975, 8, 3653-3663.	1.5	29
58	Excitations in a two-dimensional random antiferromagnet. Journal of Physics C: Solid State Physics, 1975, 8, L328-L333.	1.5	30
59	Susceptibility measurements on the linear-chain compounds NiX2L2 with X = Cl, Br and L = pyrazole, pyridine. Journal of Inorganic and Nuclear Chemistry, 1975, 37, 913-919.	0.5	30
60	Classical one-dimensional Heisenberg magnet in an applied field. Physical Review B, 1975, 11, 4483-4497.	3.2	141
61	Green's-function diagrammatic technique for complicated level systems. II. An application to the spin-1 Heisenberg ferromagnet with easy-axis single-ion anisotropy. Physical Review B, 1975, 12, 1057-1070.	3.2	69
62	Electron spin resonance studies of the onset of magnetic order in intermetallic compounds. Journal of Physics F: Metal Physics, 1975, 5, 121-142.	1.6	47
63	On the dynamics of Heisenberg magnets with lattice anisotropy near the phase transition. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1975, 21, 269-274.	1.9	3
64	The disordered Ising chain: Equivalent formulations for the thermodynamics. Journal of Chemical Physics, 1976, 65, 4512-4514.	3.0	5
65	Physical properties of linear-chain systems. III. Absorption spectra of rubidium iron tribromide, cesium iron tribromide, rubidium iron trichloride, cesium iron trichloride, and cesium magnesium iron trichloride (CsMg1-xFexCl3). Inorganic Chemistry, 1976, 15, 826-832.	4.0	32
66	Concerted base hydrolysis Bailar inversion of .LAMBDA.-dichlorobis(ethylenediamine)cobalt(III). A circular dichroism study. Inorganic Chemistry, 1976, 15, 986-989.	4.0	2
67	Large zero-field splitting in tricesium hexachlorovanadate trihydrate. Inorganic Chemistry, 1976, 15, 985-986.	4.0	17
68	Two independent Heisenberg linear-chain species in tris(trimethylammonium) catena-tri-.mu.-chloro-manganate(II) tetrachloromanganate(II), [(CH3)3NH]3Mn2Cl7. Inorganic Chemistry, 1976, 15, 823-826.	4.0	7
69	Magnetism and magnetic transitions of transition-metal compounds at low temperatures. Accounts of Chemical Research, 1976, 9, 67-74.	15.6	23
70	Ginzburg-Landau theory of phase transitions in pseudo-one-dimensional systems. Advances in Physics, 1976, 25, 615-655.	14.4	59
71	Magnetic properties of the nearly twoâ€dimensional ferromagnets [C6H5(CH2)nNH3]2CuCl4 with n=1,2,3. Journal of Chemical Physics, 1976, 65, 4099-4102.	3.0	37
72	Theoretical and experimental studies on one-dimensional magnetic systems. Advances in Physics, 1976, 25, 87-209.	14.4	699

#	Article	IF	Citations
73	The Direct Correlation Function of an Inhomogeneous Lattice Gas. Progress of Theoretical Physics, 1976, 55, 1005-1015.	2.0	3
74	Anisotropic exchange and temperature-dependent electron paramagnetic resonance line width in one-dimensional copper(II) complexes. 2. Magnetic properties of copper(II) oxalate-1/3-water. Inorganic Chemistry, 1976, 15, 2159-2165.	4.0	39
75	Interlayer Exchange Field in (CnH2n+1NH3)2CuCl4 with n=1-6 and (C6H5CmH2mNH3)2CuCl4 with m=1, 2 Determined by Parallel Pumping Experiment. Journal of the Physical Society of Japan, 1976, 41, 1911-1917.	1.6	48
76	Die Kristallstruktur von Ã„thylammoniumtetrachloromanganat(II) bei Raumtemperatur. Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry, 1976, 32, 303-305.	0.4	26
77	Calculations for the Dielectric Anomaly in SnCl22H2O. Journal of the Physical Society of Japan, 1976, 41, 1643-1649.	1.6	17
78	Nuclear Transverse Relaxation of Cu63and Cl35Nuclei in Two-Dimensional Ferromagnet (CH3NH3)2CuCl4. Journal of the Physical Society of Japan, 1976, 41, 1071-1072.	1.6	4
79	On the Phase Transition and Critical Behaviour in the Two-Dimensional Anisotropic Heisenberg Model. Journal of the Physical Society of Japan, 1976, 40, 657-665.	1.6	2
80	Magnetic Two-dimensionality and Antiferromagnetism in the DANO Crystal. Bulletin of the Chemical Society of Japan, 1976, 49, 583-588.	3.2	15
81	The Magnetic Properties of Cu(NO3)2Â·C4H4N2. Journal of the Physical Society of Japan, 1976, 40, 1564-1569.	1.6	6
82	Chlorocuprates(II). Coordination Chemistry Reviews, 1976, 21, 93-158.	18.8	191
83	Then ?1-expansion for classical spin chains. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1976, 23, 271-276.	1.9	6
84	Proton-14N double resonance study of the structural phase transitions in the perovskite type layer compound (CH3NH3)2CdCl4. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1976, 25, 189-195.	1.9	66
87	Three-magnon bound states in the two-dimensional isotropic and anisotropic Heisenberg ferromagnet. Physica A: Statistical Mechanics and Its Applications, 1976, 82, 389-416.	2.6	4
88	Magnetoâ€Optical Measurements on Twoâ€Dimensional Magnetic Model Systems. Physica Status Solidi (B): Basic Research, 1976, 74, 151-157.	1.5	9
89	Thermal effects in magnetic exchange interaction. Physica Status Solidi (B): Basic Research, 1976, 78, 749-755.	1.5	8
90	A Greenâ€function theory of an anisotropic ferromagnet. Physica Status Solidi (B): Basic Research, 1976, 78, 821-830.	1.5	0
91	On the susceptibility of the one-dimensional Ising chain. Physica A: Statistical Mechanics and Its Applications, 1976, 84, 285-315.	2.6	11
92	The classical one-dimensional Heisenberg magnet in an external magnetic field. Transfer matrix formalism as an application of renormalization group theory â€œavant la lettreâ€• Physica A: Statistical Mechanics and Its Applications, 1976, 84, 336-349.	2.6	3

#	Article	IF	Citations
93	Zero-point effects in biquadratic exchange systems. Physica A: Statistical Mechanics and Its Applications, 1976, 83, 257-275.	2.6	4
94	Field-induced magnetic ordering in the singlet-ground state system Ni(C5H5NO)6(ClO4)2 studied by specific heat. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1976, 85, 323-326.	0.9	6
95	On the specific heat of some layered copper compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1976, 85, 51-72.	0.9	8
96	Magic angle line width in a one-dimensional Heisenberg magnet with single-ion anisotropy in the high-temperature limit. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1976, 83, 283-288.	0.9	6
97	Experimental susceptibilities of quasi-two-dimensional Heisenberg ferromagnets, compared with high-temperature series expansion analyses. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1976, 84, 229-235.	0.9	8
98	Observation of lattice- and spin-dimensionality crossovers in the susceptibility of quasi 2-dimensional Heisenberg ferromagnets. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1976, 82, 247-261.	0.9	37
99	Experimental and theoretical study of the antiferromagnetic double-layer compounds Rb3Mn2F7 and K3Mn2F7. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1976, 83, 97-116.	0.9	14
100	Magnetic specific heats of four spin linear chain compounds of formula MnX2L2 (X = Cl, Br; L =) Tj ETQq1 1 0.784314 rgBT /Overlock 1C Optics, 1976, 81, 1-14.	0.9	7
101	ESR studies on ferromagnetic-spin dynamics in a nearly two-dimensional organic ionic radical salt: 1-methyl-3'-ethyl-2, 2'-quinoselenacy anine-[TCNQ]2. Physics Letters, Section A: General, Atomic and Solid State Physics, 1976, 59, 70-72.	2.1	6
102	Sound propagation in the two dimensional magnetic system K2NiF4. Physics Letters, Section A: General, Atomic and Solid State Physics, 1976, 56, 479-480.	2.1	9
103	One phonon Raman scattering of hexagonal ABX3-compounds. Solid State Communications, 1976, 20, 525-526.	1.9	18
104	One-dimensional effects in the intermetallic compound Al11Mn4. Solid State Communications, 1976, 18, 827-829.	1.9	7
105	The determination of the neÃ©l point in the diluted ferromagnetic chain system CsNiF3 (2% Mg). Solid State Communications, 1976, 19, 115-117.	1.9	13
106	Magnetic short-range order in the linear-chain antiferromagnet CsMnCl3 Â· 2H2O studied by optical birefringence. Solid State Communications, 1976, 19, 151-155.	1.9	12
107	Two-magnon Raman scattering in two-dimensional antiferromagnets at finite temperatures. Solid State Communications, 1976, 19, 177-179.	1.9	19
108	Experimental evidence for spin diffusion of four-spin correlation functions in a one-dimensional heisenberg magnet. Solid State Communications, 1976, 20, 709-712.	1.9	31
109	Low temperature lattice conductivity of some two-dimensional magnetic crystals. Solid State Communications, 1976, 20, 713-715.	1.9	4
110	Raman spectroscopy of Co2+ doped K2MnF4. Solid State Communications, 1976, 20, 1049-1051.	1.9	5

#	Article	IF	Citations
111	Chloride perovskite layer compounds of [NH3-(CH2)n-NH3]MnCl4 formula. Solid State Communications, 1976, 18, 999-1003.	1.9	75
112	Weak-ferromagnetism of quasi two-dimensional manganese stearate. Solid State Communications, 1976, 20, 9-11.	1.9	9
113	Degeneration of ferromagnetic phase in films. Journal of Physics C: Solid State Physics, 1976, 9, 1779-1792.	1.5	0
114	Critical behaviour of a two-dimensional random antiferromagnet: Rb2Mn0.5Ni0.5F4. Journal of Physics C: Solid State Physics, 1976, 9, L121-L125.	1.5	22
115	Low-temperature excitations in random two-dimensional antiferromagnets. Journal of Physics C: Solid State Physics, 1976, 9, 2555-2568.	1.5	53
116	Lattice dynamics in perovskite-type layer structures. I. FIR and Raman studies on K2MnF4and Rb2MnCl4. Journal of Physics C: Solid State Physics, 1976, 9, 4213-4223.	1.5	31
117	The quasi-two-dimensional character of ferromagnetism in face centred cubic transition metals. Journal of Physics F: Metal Physics, 1976, 6, L289-L295.	1.6	20
118	Thermodynamics of magnetic chains withSâ‰52. Physical Review B, 1976, 13, 4141-4158.	3.2	67
119	The two-dimensional double layered antiferromagnetRb3Mn2Cl7â€”a neutron diffraction study. Physical Review B, 1976, 14, 2071-2077.	3.2	16
120	Critical properties of the two-dimensional anisotropic Heisenberg model. Physical Review B, 1976, 13, 1140-1155.	3.2	138
121	One- and three-dimensional antiferroelectric ordering in PrCl3. Physical Review B, 1976, 14, 2979-2982.	3.2	43
122	Anisotropic exchange in linear chain complexes of copper(II). Journal of Chemical Physics, 1976, 64, 2506.	3.0	62
123	Spin-Peierls transitions in magnetic donor-acceptor compounds of tetrathiafulvalene (TTF) with bisdithiolene metal complexes. Physical Review B, 1976, 14, 3036-3051.	3.2	330
124	Lattice heat capacity of low-dimensional systems: A pseudoelastic approximation. Physical Review B, 1976, 14, 1519-1530.	3.2	24
125	High-temperature spin dynamics in the one-dimensional Heisenberg system(CH3)4NMnCl3(TMMC): Spin diffusion, intra- and interchain cutoff effects. Physical Review B, 1976, 13, 4098-4118.	3.2	112
126	Long-Range Order and Spin Reduction in Magnetic-Chain Crystals. Physical Review Letters, 1976, 36, 1252-1255.	7.8	12
127	Lattice-Dimensionality Crossover Effects in Quasi-d-Dimensional Magnetic Materials. Physical Review Letters, 1976, 36, 817-820.	7.8	49
128	Coexistence of two charge-density waves of different symmetry in4Hbâ‹TaSe2. Physical Review B, 1976, 14, 1543-1546.	3.2	41

#	Article	IF	Citations
129	Theory of the Peierls transition in coupled electron and classical spin systems. Physical Review B, 1976, 13, 433-440.	3.2	25
130	1,3-propanediammonium tetrachloromanganate(II) (NH3CH2CH2CH2NH3)MnCl4: A canted quasi-two-dimensional antiferromagnet. Physical Review B, 1976, 14, 4100-4105.	3.2	21
131	Soft mode behavior and anharmonicity of some twoâ€dimensional layer compounds. Journal of Chemical Physics, 1976, 64, 4612-4615.	3.0	16
132	Lower-dimensional antiferromagnetism inRb2NiCl4Â· 2H2O. Physical Review B, 1976, 13, 1277-1283.	3.2	12
133	Crystallographic and magnetic structure of CoCl2Â·6D2O and CoBr2Â·6D2O. Physical Review B, 1976, 14, 2119-2125.	3.2	11
134	Experimental study of critical behavior of three-dimensional Heisenberg ferromagnets with small anisotropy:CuM2X4Â·2H2O(M=NH4ÂorÂK,X=BrÂorÂCl). Physical Review B, 1976, 14, 5088-5105.	3.2	19
135	Organic Molecular Crystals: Charge-Transfer Complexes. , 1976, , 679-767.		9
136	A Green's Function Treatment of a Ferromagnetic Layered System. Progress of Theoretical Physics, 1976, 55, 1697-1709.	2.0	2
137	On phase transitions in chloride perovskite layer structures. Ferroelectrics, 1976, 13, 537-539.	0.6	25
138	Exchange interaction and zero-point spin reduction in ABX3-type Heisenberg antiferromagnets. Journal of Physics C: Solid State Physics, 1976, 9, 4293-4301.	1.5	0
139	Neutron scattering measurement of spin-wave dispersion in Rb2CrCl4: a two-dimensional easy-plane ferromagnet. Journal of Physics C: Solid State Physics, 1976, 9, L55-L60.	1.5	30
140	Two dimensional ferroelectricity. Ferroelectrics, 1976, 12, 71-83.	0.6	77
141	Magnetic Critical Behavior of a Quasi Two-Dimensional Antiferromagnet MnTiO3. Journal of the Physical Society of Japan, 1977, 42, 462-469.	1.6	21
142	NMR study of the magnetisation of the nearly two-dimensional heisenberg ferromagnets (CnH2n+1NH3)2CuCl4with n=1,2,3,4,8,10. Journal of Physics C: Solid State Physics, 1977, 10, 3399-3410.	1.5	9
143	Lowâ€temperature magnetic characteristics of tetrahedral CoCl42â^'. III. Magnetic exchange in paramagnetic Cs2CoCl4. Journal of Chemical Physics, 1977, 66, 450-458.	3.0	36
144	Temperature dependence of the exchange interaction and applications to electron paramagnetic resonance. Physical Review B, 1977, 16, 1771-1780.	3.2	35
145	Spin-wave analysis of the sublattice magnetization of the quadratic double-layer antiferromagnetK3Mn2F7. Physical Review B, 1977, 15, 4348-4359.	3.2	18
146	Dynamics of classicalXYspins in one and two dimensions. Physical Review B, 1977, 16, 4945-4955.	3.2	81

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147	Phase Diagram of the Isotropic Antiferromagnet RbMnF3: Test of Scaling and Renormalization-Group Calculations. Physical Review Letters, 1977, 38, 358-361.	7.8	25
148	Antiferromagnetic resonance of organic free radical, polycrystalline 1,3-bisdiphenylene-2-(p-chlorophenyl) -allyl. Journal of Chemical Physics, 1977, 67, 2850.	3.0	15
149	Large elastic softening in the one-dimensional magnetic material CsNiF3. Physical Review B, 1977, 15, 4370-4375.	3.2	17
150	Experimental study of criticality in the metamagnet CsCoCl3Â·2D2O. Physical Review B, 1977, 15, 3424-3435.	3.2	23
151	Effects of randomness on three-dimensional magnetic ordering of quasi-low-dimensional spin systems. Physical Review B, 1977, 16, 2239-2253.	3.2	5
152	Temperature dependence of the EPR spectrum ofMn2+in single crystals of(CH3)4NCdCl3and CsMgCl3. Physical Review B, 1977, 16, 1893-1901.	3.2	13
153	Energy Transport aboveTcby Paramagnetic Magnons in Two-Dimensional Ferromagnetic Heisenberg Systems. Physical Review Letters, 1977, 39, 467-470.	7.8	6
154	Low-frequency response functions of random magnetic systems. Physical Review B, 1977, 16, 542-576.	3.2	157
155	Field dependence of the magnetization of the two-dimensional antiferromagnetK2MnF4. Physical Review B, 1977, 15, 4360-4369.	3.2	19
156	Elementary excitations of antiferromagnetic CoCl2. Physical Review B, 1977, 16, 508-514.	3.2	7
157	Critical behavior of pure and site-random two-dimensional antiferromagnets. Physical Review B, 1977, 16, 280-292.	3.2	110
158	Mechanisms of dielectric anomalies in BaMnF4. Physical Review B, 1977, 16, 2329-2331.	3.2	69
159	Magnetic specific heat of the nearly one-dimensional antiferromagnet CsNiCl3. Journal of Physics C: Solid State Physics, 1977, 10, 433-438.	1.5	31
160	NMR Study of Nearly Two-Dimensional Ferromagnet (CnH2n+1NH3)2CuCl4(n=1â^¼4) at Low Temperature. Journal of the Physical Society of Japan, 1977, 42, 484-491.	1.6	16
161	On the Low Dimensionality in Organo-magnetic Material: 9-(Î±-Fluorenylidene-p-chlorobenzyl)-9-fluorenyl. Bulletin of the Chemical Society of Japan, 1977, 50, 2803-2804.	3.2	13
162	Antisymmetric and anisotropic exchange in ferromagnetic copper(II) layers. Physical Review B, 1977, 16, 3036-3048.	3.2	96
163	Measurements of the temperature dependence of the correlation length in the finite chain system CsNiF3 (2% Mg). Journal of Magnetism and Magnetic Materials, 1977, 4, 206-210.	2.3	1
164	Magnetic linear birefringence of one- and three-dimensional Heisenberg antiferromagnets: CsMnCl3Â·2H2O and Mn1â^'cZncF2. Journal of Magnetism and Magnetic Materials, 1977, 4, 254-257.	2.3	5

#	Article	IF	Citations
165	Renormalization, vortices, and symmetry-breaking perturbations in the two-dimensional planar model. Physical Review B, 1977, 16, 1217-1241.	3.2	1,752
166	Electronic and molecular structure of anhydrous ferrous acetate. A weak antiferromagnet containing six-coordinate iron(II) in nonequivalent environments. Inorganic Chemistry, 1977, 16, 2097-2103.	4.0	32
167	Symmetry of the lattice vibrations in perovskite-type layer structures. Journal of Physics C: Solid State Physics, 1977, 10, 4221-4239.	1.5	57
168	Spectroscopic study of the one- and three-dimensional magnetic interactions of a linear-chain antiferromagnet. Temperature dependence of the zero-field Moessbauer spectrum of hydrazinium ferrous sulfate, Fe(N2H5)2(SO4)2. Inorganic Chemistry, 1977, 16, 819-822.	4.0	16
170	Actinoid pnictidesâ€"I. Journal of Inorganic and Nuclear Chemistry, 1977, 39, 1993-2000.	0.5	19
171	Electronic structure of Mott insulators. Advances in Physics, 1977, 26, 651-808.	14.4	425
172	Nuclear Transverse Relaxation in the Nearly Two-Dimensional Ferromagnets. Journal of the Physical Society of Japan, 1977, 43, 459-467.	1.6	11
173	NÃ©el temperature of a low-dimensional antiferromagnet in a magnetic field. Journal De Physique (Paris), Lettres, 1977, 38, 77-80.	2.8	103
174	On the thermodynamics of the random one-dimensional Ising chain in a transverse field. Physica A: Statistical Mechanics and Its Applications, 1977, 87, 243-257.	2.6	12
175	Magnetic two-dimensional system: Manganese stearate. Solid State Communications, 1977, 24, 599-602.	1.9	34
176	One-dimensional magnetism in N2H6FeF5,. Solid State Communications, 1977, 22, 215-218.	1.9	11
177	Approximation to the susceptibility of an S = â^ž two-dimensional Heisenberg antiferromagnet. Solid State Communications, 1977, 23, 481-485.	1.9	11
178	Magnetic susceptibility of the double-layer antiferromagnet K3Mn2F7. Solid State Communications, 1977, 21, 13-15.	1.9	12
179	Sodium uranium(V) trioxide, NaUO3: heat capacity and thermodynamic properties from 5 to 350 K. Journal of Chemical Thermodynamics, 1977, 9, 201-210.	2.0	26
180	Thermal and magnetic studies of the nearly one-dimensional antiferromagnetic system CsNiBr3. Journal of Physics and Chemistry of Solids, 1977, 38, 1023-1029.	4.0	45
182	Evidence for exchange-coupled quadratic nets in CTS. Physics Letters, Section A: General, Atomic and Solid State Physics, 1977, 59, 491-493.	2.1	9
183	On the ground state of the XY magnet and Heisenberg antiferromagnet on the square lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 1977, 62, 277-278.	2.1	24
184	Spin-wave theory of the nearly two-dimensional Heisenberg ferromagnet II: (C2H5NH3)2CuCl4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 92, 166-186.	0.9	1

#	Article	IF	Citations
185	Magnetic behavior of [(CH3)3NH] CuCl3 Â· 2H2O. Evidence for lattice-dimensionality crossovers in a quasi one-dimensional ferromagnet. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 92, 187-200.	0.9	13
186	Optical investigations on magnetic and structural phase transitions of (CH3NH3)2CuCl4 and (C2H5NH3)2CuCl4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 89, 165-176.	0.9	20
187	Magneto-optical investigations of the layer-type magnet (CH2)2(NH3)2CuCl4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 89, 185-188.	0.9	0
188	Spin-wave theory of the nearly two-dimensional ferromagnet (C3H7NH3)2CuCl4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 92, 79-84.	0.9	1
189	Electron correlation in transition metals. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 91, 3-13.	0.9	5
190	Critical properties of the XY model. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 556-561.	0.9	7
191	Magneto-electric measurements on GdAlO3. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 562-563.	0.9	2
192	Neutron scattering studies of low dimensional magnetic systems. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 639-646.	0.9	15
193	Parallel pumping of two-dimensional spin-waves in (C4H9NH3)2CuCl4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 649-650.	0.9	0
194	One-dimensional magnetic variety in a family of TTF-BIS-dithiolene metal complex compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 655-656.	0.9	9
195	Neutron scattering study of the magnetism of Rb2CrCl4, a two-dimensional easy-plane ferromagnet. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 657-659.	0.9	20
196	Magnetization measurements on quasi-two-dimensional spin systems (CH2)n(NH3)2MnCl4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 685-686.	0.9	3
197	Magnetic properties of quasi-2d Heisenberg ferromagnets [C6H5(CH2)nNH3]2 CuCl4 with n = 1, 2, 3. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 687-688.	0.9	0
198	Renormalized spin-wave theory of nearly two-dimensional Heisenberg ferromagnet K2CuF4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 689-690.	0.9	1
199	One- and two-dimensional antiferromagnetism in some new iron III fluorides. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 699-701.	0.9	2
200	Magnetic specific heat of Cs2Co1â^'xZnxCl4. Effect of dilution of a linear chain XY antiferromagnet. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 707-709.	0.9	5
201	Two-dimensional magnon and phonon thermal conductivity in high magnetic fields. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 968-970.	0.9	3
202	Exchange interactions in insulators. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 1012-1017.	0.9	6

#	Article	IF	Citations
203	Electron spin resonance in two-dimensional BaMnF4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 86-88, 1285-1286.	0.9	0
204	Interlayer and intralayer forces in halide perovskite-type layer structures. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1977, 38, 309-318.	0.2	6
205	Optical studies of phase transitions in solids. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1977, 39, 356-367.	0.2	2
207	Critical exponent? for hyperfine fields in nickel. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1977, 28, 283-286.	1.9	4
208	Application of Submillimeter Spectroscopy to Magnetic Excitations. IEEE Transactions on Microwave Theory and Techniques, 1977, 25, 500-505.	4.6	1
209	Magnetic investigation of Cu(NH3)4(NO3)2. Chemical Physics Letters, 1977, 50, 353-357.	2.6	16
210	Exchange narrowing in correlated spin systems: local field contributions. Chemical Physics Letters, 1977, 46, 600-604.	2.6	15
211	Autocorrelation function of the x-component of the magnetization in the one-dimensional XY-model. Physica A: Statistical Mechanics and Its Applications, 1977, 87, 211-242.	2.6	108
212	3-d coulomb coupling and charge ordering in non-conducting chain systems. Solid State Communications, 1977, 24, 797-800.	1.9	1
213	Accurate determination of the interchain exchange in CsCoCl3 Â· 2H2O from detailed low-temperature susceptibility data. Solid State Communications, 1977, 24, 863-866.	1.9	13
214	Heat capacity of a five-coordinated ferromagnet, chloro bis(N,N-diethyldithiocarbamato)iron(III), in the temperature range from 0.4 to 20 K. Journal of Physics and Chemistry of Solids, 1977, 38, 1341-1350.	4.0	24
215	The phase transition of two-dimensional squaric acid H2C4O4 studied by neutron scattering. Journal of Physics and Chemistry of Solids, 1977, 38, 1275-1283.	4.0	69
216	Phases and phase transitions of compounds (CnH2n+1NH3)2MnCl4 with n = 1, 2, 3. Journal of Solid State Chemistry, 1977, 21, 57-65.	2.9	83
217	Synthesis of fluoride garnets {Na3}[M3+2](Li3)F12 (M = Al, Cr, and Fe) from aqueous solution and their properties. Journal of Solid State Chemistry, 1977, 20, 261-265.	2.9	14
218	Channel Model in Isotropic Exchange Theory. Physica Status Solidi (B): Basic Research, 1977, 80, 579-587.	1.5	33
219	Random Oneâ€Dimensional Classical Magnet. Physica Status Solidi (B): Basic Research, 1977, 80, 651-656.	1.5	5
220	Magnetic and Thermodynamic Properties of Heisenberg Open Finite Chains. I. Susceptibility in Zero Field. Physica Status Solidi (B): Basic Research, 1977, 81, 379-385.	1.5	4
221	The Linear Ising Chain in the Threeâ€Dimensional Phonon Field. Physica Status Solidi (B): Basic Research, 1977, 82, 193-203.	1.5	6

#	Article	IF	Citations
222	On the heat capacity of Fe(HCOO)₂Â·2 H₂O. Physica Status Solidi (B): Basic Research, 1977, 84, 785-789.	1.5	3
223	Magnetic susceptibility studies of ((CH3)2CHNH3)2CuCl4. Physica Status Solidi A, 1977, 41, 295-297.	1.7	4
224	X-ray study of the first-order phase transition Pcabâ€“Bmab in (CH3CH2NH3)2CdCl4. Physica Status Solidi A, 1977, 43, 203-212.	1.7	58
225	High-resolution measurements of the heat capacity of MnBr2ï¿½4H2O near its Nï¿½el temperature. Journal of Low Temperature Physics, 1977, 26, 317-338.	1.4	10
226	Nuclear spin ordering of solid3He in applied magnetic fields. Journal of Low Temperature Physics, 1977, 27, 319-349.	1.4	94
227	The influence of radiation reaction damping on the ESR lineshape of non-Lorentzian lines and magnetostatic modes. Applied Physics Berlin, 1977, 13, 141-146.	1.4	10
228	Long-range order in nearly one- and nearly two-dimensional Heisenberg ferromagnets. An upper bound for the magnetization. Physica Status Solidi (B): Basic Research, 1978, 85, 247-252.	1.5	1
229	Lowâ€temperature renormalization group and symmetry breaking perturbations. Physica Status Solidi (B): Basic Research, 1978, 90, 105-115.	1.5	9
230	A Green's function investigation of nearly twoâ€dimensional and nearly oneâ€dimensional Heisenberg ferromagnets. Physica Status Solidi (B): Basic Research, 1978, 90, 135-145.	1.5	0
231	Critical spin-relaxation in the hard magnetic direction of CrBr3. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 66, 419-421.	2.1	2
232	Crossover scaling function for the one-dimensional XY model at zero temperature. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 68, 378-380.	2.1	32
233	Proton relaxation near the saturation field of an antiferromagnetic chain system. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 68, 381-384.	2.1	6
234	Origin of the critical anomaly in the transverse spin-spin relaxation rate in CrBr3. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 68, 397-398.	2.1	1
235	Ground state properties of the Heisenberg antiferromagnet and XY magnet in three dimensions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 68, 450-452.	2.1	19
236	Magneto-optical measurement on the layer type magnet (CH2)2(ND3)2MnCl4. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 64, 480-482.	2.1	4
237	Symmetric logarithmic heat capacity anomaly of the layered manganese compound: Mn(NH3)2Ni(CN)42C12H10. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 68, 239-240.	2.1	1
238	Phase transition in the Heisenberg ferromagnet Cu(NH4)2Br4Â·2H2O in a magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 1978, 68, 263-264.	2.1	5
239	Critical behavior of an unusual ferromagnet. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1978, 95, 380-384.	0.9	11

#	Article	IF	Citations
240	An experimental study on the magnetic properties of the singlet ground-state system in Cu(NO3)2.2H2O. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1978, 94, 9-26.	0.9	22
241	Magnetic and specific heat measurements on polycrystalline samples of some rare-earth zirconium sulphides. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1978, 93, 1-23.	0.9	17
242	An experimental study on the magnetic properties of the singlet ground-state system in Cu(NO3)2.2. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1978, 93, 99-113.	0.9	14
243	Low temperature magnetic behavior of some polymeric divalent copper complexes of common endo-bidentate ligands. Inorganica Chimica Acta, 1978, 30, 69-76.	2.4	8
244	Magnetic properties of dimeric cobalt(II) carboxylates. Inorganica Chimica Acta, 1978, 31, 1-4.	2.4	18
246	Magnetic susceptibility of (CH3NH3)2FeCl3Br: An example of a canted spin system. Solid State Communications, 1978, 25, 443-445.	1.9	18
247	Approximation to the susceptibilities of two-dimensional antiferromagnets. Solid State Communications, 1978, 25, 925-929.	1.9	6
248	Approximation to the susceptibilities of three-dimensional antiferromagnets. Solid State Communications, 1978, 28, 349-353.	1.9	0
249	Theoretical study of the susceptibility of nearly one-dimensional VF2. Solid State Communications, 1978, 27, 1079-1081.	1.9	3
250	Physical properties of a spin model described by an effective Hamiltonian with two kinds of random magnetic bonds. Solid State Communications, 1978, 26, 977-980.	1.9	7
251	Monte Carlo investigation of magnetic properties of a two-dimensional classical Heisenberg magnet. Solid State Communications, 1978, 25, 185-190.	1.9	3
252	Experimental evidence for magnetic ordering in a literally two-dimensional magnet. Solid State Communications, 1978, 27, 1413-1416.	1.9	27
253	Layer perovskites of the (CnH2n+1NH3)2MX4 and NH3(CH2)mNH3MX4 families with M = Cd, Cu, Fe, Mn OR Pd and X = Cl OR Br: Importance, solubilities and simple growth techniques. Journal of Crystal Growth, 1978, 43, 213-223.	1.5	183
254	Face stability and growth rate variations of the layer perovskite (C3H7NH3)2CuCl4. Journal of Crystal Growth, 1978, 44, 223-234.	1.5	18
255	Magnetic and structural characterization of dibromo- and dichlorobis(thiazole)copper(II). Inorganic Chemistry, 1978, 17, 1415-1421.	4.0	357
256	3-Azoniapentane-1,5-diammonium pentachlorochromate(II), C4H16C15CrN3. Journal of Crystal and Molecular Structure, 1978, 8, 43-46.	0.4	6
257	Transverse time-dependent spin correlation functions for the one-dimensional XY model at zero temperature. Physica A: Statistical Mechanics and Its Applications, 1978, 92, 1-41.	2.6	69
258	Structure of Î²-bis(ethylammonium) tetrachloromanganate(II): a neutron refinement. Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry, 1978, 34, 1698-1700.	0.4	16

#	Article	IF	Citations
259	Spectroscopy on perovskite-type layer structures in the submillimetre-millimetre wave range. Infrared Physics, 1978, 18, 893-900.	0.5	11
260	Anisotropic EPR line-width in a linear chain-like organic free radical, TANOL. Chemical Physics Letters, 1978, 54, 109-110.	2.6	6
261	Correlation functions for the Heisenberg-Ising chain at T=0. Journal of Physics C: Solid State Physics, 1978, 11, 4767-4791.	1.5	36
262	One-dimensional model systems: Theoretical survey. Journal of Applied Physics, 1978, 49, 1299-1304.	2.5	42
263	Chapter 5 Two-Dimensional Physics. Progress in Low Temperature Physics, 1978, 7, 371-433.	0.2	110
265	SYNTHESIS AND CHARACTERIZATION OF NEW ONE- AND TWO-DIMENSIONAL MAGNETIC MATERIALS. Annals of the New York Academy of Sciences, 1978, 313, 111-127.	3.8	6
266	Nuclear magnetic resonance and relaxation studies of the linear ferromagnet CsNiF3. Journal of Magnetism and Magnetic Materials, 1978, 7, 220-222.	2.3	7
267	Nonisomorphic antiferromagnetic behavior of two isomorphic salts: low-temperature heat capacities and magnetic susceptibilities of diammonium iron pentachloride monohydrate and dipotassium iron pentachloride monohydrate. Inorganic Chemistry, 1978, 17, 1207-1215.	4.0	52
268	Weak ferromagnetism in chains of classical spins. Journal of Physics C: Solid State Physics, 1978, 11, 4537-4546.	1.5	5
269	SrLiH3 - DyAlO3. , 0, , 429-440.		0
270	Reactions of coordinated molecules. 8. Geometrical isomerization of tris(acetyl(phenylacetyl)tetracarbonylmanganato)aluminum: an unsymmetrical metalla-.beta.-diketonate complex. Inorganic Chemistry, 1978, 17, 253-255.	4.0	6
271	Dipolar magnetic anisotropy and anomalous susceptibility behavior in tris(trimethylammonium) catena-tri-.mu.-bromo-manganate(II)tetrabromomanganate(II), a Heisenberg linear-chain antiferromagnet. Inorganic Chemistry, 1978, 17, 248-253.	4.0	4
272	Phasenumwandlungen in idealen und ungeordneten Systemen. Physik Journal, 1978, 34, 693-703.	0.1	1
273	Magnetic polaritons in layer systems. Journal of Physics C: Solid State Physics, 1978, 11, 277-289.	1.5	4
274	The Ising chain in a skew magnetic field. Journal of Physics C: Solid State Physics, 1978, 11, 2801-2813.	1.5	21
275	Antiferromagnetic-spin-flop critical field in MnxZn1-xF2. Journal of Physics C: Solid State Physics, 1978, 11, L927-L933.	1.5	5
276	Effect of the spin-lattice coupling on the magnetic specific heat in the case of a three-dimensional lattice and a one-dimensional Ising magnet. Journal of Physics C: Solid State Physics, 1978, 11, L661-L666.	1.5	3
277	Phase transitions in layered magnets. Journal of Physics C: Solid State Physics, 1978, 11, 2835-2844.	1.5	21

#	Article	IF	Citations
278	The Curie Temperatures of Magnetically Dilute Ferromagnetics. Journal of the Physical Society of Japan, 1978, 45, 1498-1506.	1.6	28
279	Magnon Sideband of the4T2g(4D) State in the Quasi Two-Dimensional Antiferromagnet (C2H5NH3)2MnCl4. Journal of the Physical Society of Japan, 1978, 44, 923-929.	1.6	13
280	Spin wave excitations in a two-dimensional Ising-like antiferromagnet, Rb2CoF4. Journal of Physics C: Solid State Physics, 1978, 11, L529-L532.	1.5	50
281	Preparation of Literally Two-Dimensional Magnets. Physical Review Letters, 1978, 40, 246-249.	7.8	100
282	Magnetic and neutron scattering experiments on the antiferromagnetic layer-type compoundsK2Mn1â˜'xMxF4(M=Fe,Co). Physical Review B, 1978, 18, 3376-3392.	3.2	68
283	Phase transitions in twoâ€dimensional systems. Journal of Applied Physics, 1978, 49, 1315-1320.	2.5	58
284	Field and temperature dependence of critical magnetic relaxation in the anisotropic ferromagnet CrBr3. Physical Review B, 1978, 18, 1306-1316.	3.2	16
285	Effect of impurities on the NÃ©el temperature and the low-temperature magnetic susceptibility of the quasi-one-dimensional antiferromagnet TMMC. Physical Review B, 1978, 18, 401-407.	3.2	54
286	Temperature dependence of exchange narrowing in the one-dimensional antiferromagnetN(CH3)4MnCl3(TMMC). Physical Review B, 1978, 17, 1266-1276.	3.2	77
287	Magnetic properties of linear chain systems: Metamagnetism of single crystal Co(pyridine)2Cl2. Journal of Chemical Physics, 1978, 68, 4781-4789.	3.0	34
288	Magnetostriction, magnetoelastic coupling, and the magnetic GrÃ¼neisen constant in the antiferromagnet RbMnF3. Physical Review B, 1978, 18, 1425-1438.	3.2	24
289	Magnetoâ€optical measurements on the layer type magnet ND3â€•(CH2)2â€ND3CuCl4. Journal of Applied Physics, 1978, 49, 2206-2208.	2.5	6
290	Extensive Energy Transfer in a Nearly One-Dimensional Crystal: The Emisson Spectrum of CsMnBr3Doped withNd3+. Physical Review Letters, 1978, 41, 1681-1683.	7.8	30
291	Spin Diffusion in a Heisenberg Antiferromagnet belowTN. Physical Review Letters, 1978, 40, 126-128.	7.8	9
292	Experiments on simple magnetic model systems. Journal of Applied Physics, 1978, 49, 1305-1310.	2.5	47
293	Observation of Excitation of the Antiferromagnetic Mode in the Paramagnetic State of(C2H5NH3)2CuCl4. Physical Review Letters, 1978, 40, 1344-1347.	7.8	14
294	Statistical mechanics of Ising chains in random magnetic fields. Journal of Chemical Physics, 1978, 69, 253.	3.0	18
295	Theory of exchange narrowing in lowâ€dimensional correlated spin systems. Journal of Chemical Physics, 1978, 69, 3845-3853.	3.0	32

#	Article	IF	Citations
296	Classical equivalents of one-dimensional quantum-mechanical systems. Physical Review B, 1978, 18, 3351-3359.	3.2	111
297	Crossover behavior of the magnetic phase boundary of the low-anisotropy antiferromagnet KNiF3. Physical Review B, 1978, 18, 5060-5064.	3.2	18
298	Crossover behavior of the magnetic phase boundary of the isotropic antiferromagnet RbMnF3from ultrasonic measurements. Physical Review B, 1978, 17, 4432-4443.	3.2	23
299	Spin canting in RbCoCl3Â·2H2O, a Dzyaloshinsky-Moriya linear chain magnet. Physical Review B, 1978, 18, 3612-3622.	3.2	33
300	Small-dilution perturbation theory for quasi-low-dimensional Heisenberg spin systems atT=0. Physical Review B, 1978, 17, 2316-2323.	3.2	7
301	Electron Spin Resonance of Highly Anisotroic Organic Systems. Molecular Crystals and Liquid Crystals, 1978, 44, 237-265.	0.8	3
302	Ferromagnetism in Fluorides. Israel Journal of Chemistry, 1978, 17, 126-128.	2.3	2
303	Unusual magnetic properties in two copper(II) chelates of Schiff bases derived from .alpha.-amino acids: a dimeric interaction in a structural linear chain. Inorganic Chemistry, 1978, 17, 3226-3231.	4.0	24
304	Magnetic Study of Î±- and Î²-Diamminecopper(II) Chlorides and Bromides. Bulletin of the Chemical Society of Japan, 1978, 51, 974-977.	3.2	4
305	Magnetization Curves for a Two-Dimensional Antiferromagnet: Cu(HCOO)2Â·2(NH2)2COÂ·2H2O. Journal of the Physical Society of Japan, 1978, 44, 139-141.	1.6	3
306	Thermodynamic Properties of CoCl2Â·2NC5H5â€“ A Quasi-One-Dimensional Ising System. Journal of the Physical Society of Japan, 1978, 44, 43-48.	1.6	27
307	Ferromagnetic interactions in sodium bis(carbonato)cuprate(II). Inorganic Chemistry, 1978, 17, 2969-2970.	4.0	17
308	Temperature Dependence of the Absorption Spectra6A1gâ†'4A1g(4G),4Eg(4G) in the Quasi Two-Dimensional Antiferromagnets (CnH2n+1NH3)2MnCl4(n=2, 3). Journal of the Physical Society of Japan, 1978, 44, 919-922.	1.6	19
309	Phase Transition of (CH3NH3)2Cu(ClxBr1-x)4 Mixed Crystals. Journal of the Physical Society of Japan, 1978, 45, 1415-1416.	1.6	7
310	Physical Properties of Magnetic 2-D Oxides Containing Cr3+, (SrCaR)2(CrxGa1-x)O4, (R=La or Sm). Journal of the Physical Society of Japan, 1978, 44, 1083-1090.	1.6	6
311	Properties of ordered, continuously degenerate systems. Advances in Physics, 1979, 28, 595-656.	14.4	81
312	Temperature Dependence of Magnetization in Quasi-One-Dimensional Ising Spin System of (S=rac{1}{2}). Journal of the Physical Society of Japan, 1979, 47, 763-766.	1.6	2
313	Chapter 19 Europium chalcogenides: EuO, EuS, EuSe and EuTe. Fundamental Theories of Physics, 1979, , 507-574.	0.3	44

#	Article	IF	Citations
314	Phonons in perovskite-type layer structures. Journal of Physics C: Solid State Physics, 1979, 12, 27-39.	1.5	19
315	Anisotropic bond percolation. Journal of Physics A, 1979, 12, 1267-1283.	1.6	40
316	Phase transitions in layered Heisenberg magnets. Journal of Physics C: Solid State Physics, 1979, 12, 5499-5512.	1.5	1
317	Critical temperature of randomly diluted Heisenberg spin systems with anisotropic exchange couplings. Journal of Physics C: Solid State Physics, 1979, 12, 3523-3534.	1.5	19
318	The noncrossing rule and degeneracy in Hubbard models: Cyclobutadiene and benzene. Journal of Chemical Physics, 1979, 71, 3807-3812.	3.0	29
319	Statistical mechanics of one-dimensional complex scalar fields with phase anisotropy. Physical Review A, 1979, 20, 2213-2224.	2.5	24
320	Effects of randomness onn-layer Heisenberg magnets. Physical Review B, 1979, 19, 4621-4630.	3.2	2
321	The magnetically ordered state of (CH3)2NH2MnCl3. Journal of Chemical Physics, 1979, 70, 1811-1814.	3.0	8
322	Neutron scattering study of magnetic ordering in the double-layer antiferromagnetK3Mn2F7. Physical Review B, 1979, 19, 509-520.	3.2	31
323	Spin flop in a oneâ€dimensional Heisenberg antiferromagnet(a). Journal of Applied Physics, 1979, 50, 1664-1666.	2.5	3
324	Crystal structures of A2FeCl5â‹…H2O (A=Rb+, Cs+) and field dependent superconducting susceptometer measurements. Journal of Chemical Physics, 1979, 70, 5161-5167.	3.0	70
325	Spin Waves in the Anisotropic Chain. Physical Review Letters, 1979, 42, 405-407.	7.8	8
326	Dynamics of the n-decylammonium chains in the perovskite-type layer structure compound (C10H21NH3)2CdCl4. Journal of Chemical Physics, 1979, 71, 2118.	3.0	178
327	Spin-spin correlation functions in the frustrated two-dimensional planar model. Physical Review B, 1979, 20, 2167-2182.	3.2	29
328	Tetramethylammonium Copper Chloride andtris(Trimethylammonium) Copper Chloride:S=12Heisenberg One-Dimensional Ferromagnets. Physical Review Letters, 1979, 43, 463-466.	7.8	77
329	Crossover from divergent to nonâ€divergent nature of the ordered to paramagnetic transitions of Î±â€MnCl2â‹…4H2O as a function of applied field. Journal of Applied Physics, 1979, 50, 1847-1849.	2.5	5
330	Susceptibilities of the vanadium MagnÃ©li phasesVnO2nâˆ’1at low temperature. Physical Review B, 1979, 20, 2886-2892.	3.2	20
331	Crystal structure and magnetic susceptibility of copper (II) chloride tetramethylsulfoxide [CuCl2(TMSO)] and copper (II) chloride monodimethylsulfoxide [CuCl2(DMSO)]: Ferromagnetic spin-Â½ Heisenberg linear chains. Physical Review B, 1979, 20, 2154-2162.	3.2	103

#	Article	IF	Citations
332	Magnetic behavior of layered tetravalent manganese oxides. Journal of Applied Physics, 1979, 50, 1926-1928.	2.5	5
333	The critical exponent Î² associated with the two-dimensional condensation in the second adlayer of argon on the cleavage face of cadmium chloride. Molecular Physics, 1979, 38, 789-795.	1.7	55
334	Crossover behavior of the magnetic phase boundaries of isotropic antiferromagnets. Journal of Applied Physics, 1979, 50, 1790-1795.	2.5	13
335	Theoretical and experimental study of the magnetic properties of the singlet-ground-state system Cu(NO3)Â·2.5H2O: An alternating linear Heisenberg antiferromagnet. Physical Review B, 1979, 19, 420-431.	3.2	61
336	Magnetic susceptibility of (NH3CH2CH2NH3)CuCl4: A layered structure with strong interlayer magnetic coupling. Physical Review B, 1979, 20, 2101-2104.	3.2	32
337	Magnetic behavior of the three-dimensional Ising ferromagnet Fe(Cl)[S2CN(C2H5)2]2: Single crystals and mixed crystals with a bromide analog. Physical Review B, 1979, 20, 2945-2958.	3.2	36
338	Temperature dependence of the nuclear spin-magnon relaxation time in the two-dimensional antiferromagnetsK2MnF4andK2NiF4. Physical Review B, 1979, 20, 3712-3728.	3.2	15
339	Spin diffusion in two-dimensional MnX2â˜4 antiferromagnets with dipolar broadening. Chemical Physics Letters, 1979, 61, 457-460.	2.6	4
340	Variational method for lattice systems: General formalism and application to the two-dimensional Ising model in an external field. Physica A: Statistical Mechanics and Its Applications, 1979, 96, 379-412.	2.6	12
341	Microscopic evidence of antiferromagnetic long range ordering in the organic free radical, 1,3-bisdiphenylene-2-phenyl allyl (BDPA) benzene complex. Physics Letters, Section A: General, Atomic and Solid State Physics, 1979, 70, 238-240.	2.1	5
342	Static properties of spin- Ising and classical Heisenberg magnetic chains with alternating exchange. Physics Letters, Section A: General, Atomic and Solid State Physics, 1979, 72, 31-34.	2.1	2
343	On the presence of the S4z-term in Fe(HCOO)2 Â· 2H2O. Physics Letters, Section A: General, Atomic and Solid State Physics, 1979, 71, 119-120.	2.1	2
344	Magnetic and optical properties of the layer type magnets (CH2)2(ND3)2MnCl4 and (CH2)n(NH3)2CuCl4, n = 2, 3, 5. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1979, 96, 167-193.	0.9	18
345	On the 2-dimensional spinwave theory for ferro- and antiferromagnetic thin films. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1979, 98, 1-20.	0.9	7
346	Spin canting and exchange in the two-dimensional antiferromagnets (C3H7NH3)2 and (C3H7NH3)2MnBr4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1979, 98, 53-59.	0.9	22
347	Magnetic measurements on dimeric and tetrameric fluoro-bridged cobalt and manganese compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1979, 97, 365-376.	0.9	3
348	Spin dynamics of the alternating linear heisenberg antiferromagnet Cu(NO3)2.2.5H2O. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1979, 96, 41-53.	0.9	4
349	Theory of magnetic resonance in the two-dimensional Ising model. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1979, 96, 71-80.	0.9	2

#	Article	IF	Citations
350	Metal-iodide cyclodextrins as model quasi-one-dimensional compounds. Journal of Physics and Chemistry of Solids, 1979, 40, 739-741.	4.0	5
351	Magnetic properties of the layered compounds Ca2Mn3O8 and Cd2Mn3O8. Journal of Solid State Chemistry, 1979, 29, 205-214.	2.9	11
352	The NMR study of the mixed compound (CH3NH3)2Cu(Cl0.1Br0.9)4. Solid State Communications, 1979, 32, 245-248.	1.9	6
353	Surface reconstruction: A physical realization of two-dimensional Ising and XY-models. Solid State Communications, 1979, 32, 581-583.	1.9	81
355	Two-dimensional spin ordering in YFe2O4. Solid State Communications, 1979, 32, 1065-1068.	1.9	72
356	Reaction field approximation for the ordered phase of heisenberg systems. Physica Status Solidi (B): Basic Research, 1979, 92, 595-600.	1.5	18
357	Zeroâ€point effect in ferrimagnetic and antiquadrupolar biquadratic systems (S = 3/2). Physica Status Solidi (B): Basic Research, 1979, 94, 29-35.	1.5	1
358	Optical absorption of the layer antiferromagnet Rb₂MnCl₄. Physica Status Solidi (B): Basic Research, 1979, 96, 163-167.	1.5	11
359	Magnetic phase transition of dichloro(dimethylnitrosoamine)copper(II), (CH3)2NNO Â· CuCl2 as revealed by14N NQR. Physica Status Solidi A, 1979, 55, K71-K74.	1.7	5
360	Six-coordinate copper complexes wlth g<g in the solid state. Coordination Chemistry Reviews, 1979, 29, 67-84.	18.8	55
361	Magnetic and MÃ¶ssbauer studies of FeNi2BO5 and FeNiBO4. Materials Research Bulletin, 1979, 14, 519-526.	5.2	9
362	Phase diagrams and magnetic properties of diluted Ising and Heisenberg magnets with competing interactions. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1979, 36, 161-177.	1.9	74
363	Static properties of the one-dimensional planar ferromagnet in an external field. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1979, 33, 163-171.	1.9	17
364	Solitons in Condensed Matter Physics. Physica Scripta, 1979, 20, 409-423.	2.5	53
365	The uniqueness of the propyl compound in the series (CnH2n+1NH3)2MnCl4 with n = 1â€“10. Journal of Solid State Chemistry, 1979, 29, 15-26.	2.9	57
366	The specific heats of magnetically-ordered materials. Contemporary Physics, 1979, 20, 55-82.	1.8	11
367	Magnetic chains in solids. Journal of Magnetism and Magnetic Materials, 1979, 13, 35-49.	2.3	32
368	Phase transitions in BaMnF4. Reports on Progress in Physics, 1979, 42, 1055-1084.	20.1	143

#	Article	IF	Citations
369	Antiferromagnetic domains. Contemporary Physics, 1979, 20, 187-210.	1.8	25
370	Linear-chain ferromagnetism in the one-dimensional compounds CoCl2(pyrazole)2 and CoCl2(indazole)2. Journal of Magnetism and Magnetic Materials, 1979, 12, 4-10.	2.3	4
371	The magnetic properties of CsCrCl3, an antiferromagnetic chain compound with single-ion anisotropy. Journal of Magnetism and Magnetic Materials, 1979, 14, 166-168.	2.3	16
372	Theory of spin waves in a one-dimensional Heisenberg antiferromagnet. Journal of Physics C: Solid State Physics, 1979, 12, 2873-2877.	1.5	7
373	NMR and NQR in Fluids, Paramagnets, and Crystals. , 1979, , 79-169.		15
374	Collective excitations and optical absorption in polyene chains. Journal of Physics C: Solid State Physics, 1979, 12, 819-836.	1.5	10
375	Exactly soluble model of a linear chain of classical spins with random Dzyaloshinski-Moriya interactions. Journal of Physics C: Solid State Physics, 1979, 12, L355-L359.	1.5	6
376	Neutron scattering in low-dimensional systems. Journal of Magnetism and Magnetic Materials, 1979, 14, 142-151.	2.3	7
377	New transparent ferromagnets. Accounts of Chemical Research, 1979, 12, 236-243.	15.6	74
378	Basic Concepts of Magnetic Resonance. , 1979, , 25-78.		0
379	Metal cluster complexes and heterogeneous catalysis - a heterodox view. Accounts of Chemical Research, 1979, 12, 229-236.	15.6	72
380	Bromine NMR in Ferromagnetic (CH3NH3)2Cu(Cl1-xBrx)4. Journal of the Physical Society of Japan, 1979, 47, 2029-2030.	1.6	8
381	On the Specific Heat of Fe(HCOO)2Â·2H2O. Journal of the Physical Society of Japan, 1979, 47, 498-504.	1.6	6
382	133Cs NMR Study in Quasi-One-Dimensional Ising-Like Antiferromagnet CsCoCl3. Journal of the Physical Society of Japan, 1979, 47, 780-785.	1.6	23
383	Spin Dynamics near the Critical Point in (CH3NH3)2CuCl4. Journal of the Physical Society of Japan, 1979, 47, 773-779.	1.6	14
384	Neutron Scattering Investigation of Static Critical Phenomena in the Two-Dimensional Antiferromagnets: Rb2CocMg1-cF4. Journal of the Physical Society of Japan, 1979, 46, 1153-1160.	1.6	51
385	Phase Transition of Layered Manganese Compound: Mn(NH3)2Ni(CN)42C12H10. Journal of the Physical Society of Japan, 1979, 47, 444-449.	1.6	3
386	Ferromagnetic Interactions in a Cobalt(II) Complex of 1-(2-Pyridylazo)-2-Phenanthrol. Journal of Coordination Chemistry, 1979, 9, 251-253.	2.2	8

#	Article	IF	Citations
387	Low Temperature Luminescence Spectra of the Antiferromagnetic Complexes (CH3NH3)2MnCl4 and (C2H5NH3)2MnCl4. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1979, 83, 276-280.	0.9	3
388	Interaction between strong radiation fields and two-level atoms: A canonical transformation approach. Lecture Notes in Physics, 1980, , 571-597.	0.7	0
389	Saturation of Parallel-Pumped Magnons in the Two-Dimensional Ferromagnets K2CuF4 and (CH3NH3)2CuCl4. Journal of the Physical Society of Japan, 1980, 49, 139-143.	1.6	8
390	An Improved Cluster Approximation for Antiferromagnet. Journal of the Physical Society of Japan, 1980, 48, 751-756.	1.6	2
391	Observations of Short-Range Order by Optical Birefringence in One-Dimensional Antiferromagnets CsNiCl3, RbNiCl3and CsCoCl3. Journal of the Physical Society of Japan, 1980, 49, 1336-1343.	1.6	33
392	Spannungsinduzierte crossover-effekte in der nÃhe des curiepunkts von nickel. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1980, 42, 63-80.	0.6	0
393	Heat capacity and phase transition of a five-coordinated antiferromagnet, IODOBIS (N,N-diethyldithiocarbamato) iron (III), in the temperature range from 0.4 TO 300 K. Journal of Physics and Chemistry of Solids, 1980, 41, 1295-1302.	4.0	7
394	Structures of CsMgBr3, CsCdBr3 and CsMgI3â€" diamagnetic linear chain lattices. Journal of Physics and Chemistry of Solids, 1980, 41, 495-499.	4.0	103
395	Magnetochemical properties of tetranuclear rhodoso and Pfeiffer chromium(III) complexes in a series of compounds. Journal of Solid State Chemistry, 1980, 35, 230-239.	2.9	7
396	Magnetism between 1.02 and 312 K and the antiferromagnetic interaction in vanadocene. Journal of Organometallic Chemistry, 1980, 187, 61-71.	1.8	10
397	Spin Wave Analysis of the Twoâ€Đimensional Heisenberg Antiferromagnets Rb₂MnCl₄ and (CH₃NH₃)₂MnCl₄. Physica Status Solidi (B): Basic Research, 1980, 97, 501-511.	1.5	50
400	Magnetic resonances in (CH3NH3)2MnCl4. Journal of Infrared, Millimeter and Terahertz Waves, 1980, 1, 295-307.	0.6	12
401	Magnetic phase transition in anhydrous NiI2. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 77, 59-60.	2.1	6
402	Experimental study of the effect of domains on the A.C. susceptibility of the weak ferromagnet (C3H7NH3)2MnCl4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1980, 101, 320-328.	0.9	23
403	Mn2+ induced magnon gap mode in the 2-d antiferromagnet K2CoF4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1980, 98, 197-201.	0.9	3
404	Intercalation of organometallic compounds into layered transition metal oxyhalides. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1980, 99, 128-132.	0.9	29
405	Critical temperature of inhomogeneous mixtures of Ising and Heisenberg substances. Physica A: Statistical Mechanics and Its Applications, 1980, 101, 507-517.	2.6	3
406	Spin spin interactions in polymeric copper(II) complexes: Cu(II)(piperidylcarbamate)2(Cu(I)X)4 (X = Cl,) Tj ETQq1 1 0.784314 rgBT /Ov	2.4	1

#	Article	IF	Citations
408	Studies on the compounds in the Baî—¸Feî—¸S system. I. Linear chain antiferromagnetism of Ba2FeS3 and related compounds Ba2CoS3 and Ba2MnS3. Journal of Solid State Chemistry, 1980, 33, 351-356.	2.9	23
410	Neutron powder diffraction and magnetic measurements on CsMnI3. Journal of Solid State Chemistry, 1980, 35, 367-375.	2.9	48
411	Crystal and magnetic structure of the planar ferromagnet CsMnF4. Journal of Solid State Chemistry, 1980, 32, 137-143.	2.9	45
412	NQR in copper halides CuX2 and MCuX3. Journal of Molecular Structure, 1980, 58, 305-313.	3.6	23
413	Pressure dependence of the ordering temperature of the quasi two-dimensional ferromagnet (CH3NH3)2CuCâ„“4. Solid State Communications, 1980, 34, 527-530.	1.9	5
414	63Cu NQR in copper (II) compounds. Solid State Communications, 1980, 33, 399-401.	1.9	15
415	Low temperature thermal expansion of CsNiCl3. Solid State Communications, 1980, 33, 39-42.	1.9	7
416	Spin-flop in a one-dimensional antiferromagnet. Solid State Communications, 1980, 33, 707-711.	1.9	6
417	Quasi one-dimensional magnetic behavior of (C5H5NH)MnCl3 (PMCA) and (C5H5NH)NiCl3 (PNCA). Solid State Communications, 1980, 34, 667-670.	1.9	3
418	Magnetic field behaviour of the out-of-plane k=0 magnon mode in the 2-D antiferromagnet K2FeF4. Solid State Communications, 1980, 35, 847-852.	1.9	15
419	Orbital interactions in a strongly antiferromagnetically coupled copper(II) linear chain: CuSe2O5. Solid State Communications, 1980, 34, 971-975.	1.9	17
420	Effect of Nonmagnetic Impurities on the Low-Temperature Susceptibility of the Linear Antiferromagnet (CH3)4NMnCl3 (TMMC). Journal of the Physical Society of Japan, 1980, 49, 942-949.	1.6	5
421	Dielectric Constant of Antiferromagnet K2CoF4 near Its NÃ©el Temperature. Journal of the Physical Society of Japan, 1980, 49, 1000-1004.	1.6	5
422	Room temperature Faraday rotation of FeBr2in a pulsed field. Journal Physics D: Applied Physics, 1980, 13, L43-L46.	2.8	0
423	Mossbauer investigation of the layered compound FeMo2S4. Journal of Physics C: Solid State Physics, 1980, 13, L561-L564.	1.5	5
424	Phase Transition of Quasi-Two Dimensional Planar System. Progress of Theoretical Physics, 1980, 63, 387-401.	2.0	237
425	Critical Amplitude of Specific Heat Capacity in the Antiferromagnets of K2NiF4 Family Belonging to Two-Dimensional Ising Universality Class. Journal of the Physical Society of Japan, 1980, 48, 77-85.	1.6	24
426	Helical Magnetic Structure in CsCuCl3. Journal of the Physical Society of Japan, 1980, 49, 545-553.	1.6	127

#	Article	IF	Citations
427	Magnetic excitations in two-dimensional antiferromagnets with easy-plane anisotropy. Journal of Physics C: Solid State Physics, 1980, 13, 2925-2943.	1.5	13
428	Dimensional crossover in dilute magnets. Journal of Physics C: Solid State Physics, 1980, 13, 5565-5578.	1.5	8
429	ESR study of transition metal ions in magnesium titanate. Journal of Physics C: Solid State Physics, 1980, 13, 6239-6250.	1.5	23
430	Spin waves in the spin-flop phase of a one-dimensional Heisenberg antiferromagnet. Journal of Physics C: Solid State Physics, 1980, 13, 651-665.	1.5	10
431	Magnetic phase diagram of antiferromagnetic CoCl2. Journal of Physics C: Solid State Physics, 1980, 13, 3903-3907.	1.5	2
432	The Magnetic Behaviors of Quasi-Two Dimensional Antiferromagnet (CH3NH3)2CuBr4. Journal of the Physical Society of Japan, 1980, 49, 62-66.	1.6	21
433	Phase Transition of the Quasi-Two Dimensional Mixed Crystal (CH3NH3)2 Cu(ClxBr1-x)4. Journal of the Physical Society of Japan, 1980, 49, 470-476.	1.6	11
434	Magnetic Structure of (C2H5NH3)2CuBr4. Journal of the Physical Society of Japan, 1980, 48, 1387-1388.	1.6	6
435	The magnetic properties of several quasi twoâ€dimensional Heisenberg layer compounds: A new class of ferromagnetic insulators involving halocuprates. Journal of Chemical Physics, 1980, 72, 630-638.	3.0	57
436	Solitons in the linear-chain antiferromagnet. Physical Review B, 1980, 21, 4017-4026.	3.2	113
437	Phase diagram of a uniaxially stressed cubic antiferromagnet. Physical Review B, 1980, 22, 3271-3276.	3.2	0
438	Thermodynamics of random-exchange Heisenberg antiferromagnetic chains. Physical Review B, 1980, 22, 1793-1805.	3.2	71
439	Dynamics of the classical antiferromagnetic Heisenberg chain in an applied field. Physical Review B, 1980, 21, 304-316.	3.2	15
440	Phase diagram of antiferromagneticK2[FeCl5(H2O)]. Physical Review B, 1980, 21, 296-298.	3.2	44
441	Quasielastic neutron scattering around the nÃ©el-point in CsNiF₃. Phase Transitions, 1980, 1, 269-287.	1.3	11
442	Second-order Green's-function approach for the study of the sensitivity of the Curie temperature to single-ion anisotropy. Physical Review B, 1980, 22, 1348-1352.	3.2	5
443	Impure Heisenberg systems with biquadratic interactions. Physical Review B, 1980, 22, 1371-1379.	3.2	3
444	Evidence for one-dimensional spin order inV3O5. Physical Review B, 1980, 21, 154-158.	3.2	9

#	Article	IF	Citations
445	Susceptibility of [Fe(C5H5NO)6](ClO4)2, anS=12, simple-cubic Ising antiferromagnet. Physical Review B, 1980, 22, 1259-1262.	3.2	40
446	Raman scattering from layer-type magnets: (CH2)n(NH3)2CuCl4, n=2, 3 and 5. Journal of Physics C: Solid State Physics, 1980, 13, 4757-4767.	1.5	9
447	Phase diagrams and critical behavior in Ising square lattices with nearest- and next-nearest-neighbor interactions. Physical Review B, 1980, 21, 1941-1962.	3.2	406
448	Magnetoelectric phenomena in BaMnF4and BaMn0.99Co0.01F4. Physical Review B, 1980, 21, 2926-2936.	3.2	107
449	Magneto-optical investigation of the quasi two-dimensional antiferromagnet Rb2MnCl4. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 785-786.	2.3	5
450	Phase transitions in the Ising square lattice with next-nearest-neighbor interactions. Physical Review B, 1980, 21, 1285-1297.	3.2	91
451	General correlation function series: Phase diagram of the anisotropic Heisenberg antiferromagnet in a field. Physical Review B, 1980, 22, 3256-3270.	3.2	13
452	Critical behaviour of simple ferromagnets. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 393-395.	2.3	2
453	Solitons and magnons in the classical Heisenberg chain. Journal of Physics A, 1980, 13, 1467-1499.	1.6	144
454	Magnetic specific heat of Fe(HCOO)2 â‹… 2H2O. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 25-26.	2.3	1
455	Magnetic susceptibility investigation of some antiferromagnetic Fe2+ complexes. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 448-450.	2.3	15
456	Pseudo one-dimensional antiferromagnets. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 1007-1010.	2.3	6
457	â€œMagnetism in low dimensionsâ€• Report of an informal panel discussion. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 1003-1006.	2.3	3
458	Magneto-optical studies on ferromagnetic stripe domains in K2CuF4. Journal of Magnetism and Magnetic Materials, 1980, 21, 143-156.	2.3	30
459	Magnetic ordering in diluted Ising and Heisenberg systems with competing interactions: Theory and application to EuxSr1â^'xS. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 189-190.	2.3	16
460	Magnetic properties of one-dimensional spin ferromagnets: Metamagnetic behavior of (C6H11NH3)CuCl3. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 1055-1056.	2.3	39
461	Materials, 1980, 15-18, 445-447.	2.3	0
462	Thermal excitations in Heisenbergâ€xy systems. Journal of Mathematical Physics, 1980, 21, 2307-2312.	1.1	9

#	Article	IF	Citations
463	Field-dependent magnetic phenomena. Accounts of Chemical Research, 1980, 13, 231-236.	15.6	49
464	Magnetism of solid oxygen. Physical Review B, 1981, 23, 4714-4740.	3.2	173
465	Quantum Spin Chains. Springer Series in Solid-state Sciences, 1981, , 115-128.	0.3	6
466	Structural and magnetic properties of Co(urea)2Cl2â‹…2H2O: A twoâ€dimensional Ising system with hidden canting. Journal of Chemical Physics, 1981, 75, 431-439.	3.0	15
467	Localized magnon gap modes in the 2-d Ising antiferromagnets K2CoF4 and Rb2CoF4. Journal of Magnetism and Magnetic Materials, 1981, 25, 61-67.	2.3	6
468	Spin diffusion effects on E.S.R. linewidths in the quasi-two-dimensional magnetic system bis[1,2-bis(2-methoxyethoxy)ethane] sodium biphenylide. Molecular Physics, 1981, 44, 677-691.	1.7	7
469	An EPR study of interlayer exchange coupling in the quasiâ€twoâ€dimensional salts, (CnH2n+1NH3)2CuCl4, with n = 1, 2, and 3. Journal of Chemical Physics, 1981, 74, 6018-6021.	3.0	22
470	Two-Dimensional Classical XY Model with Symmetry-Breaking Fields. Progress of Theoretical Physics, 1981, 65, 1246-1263.	2.0	6
471	Hyperfine Interactions of Ligand Bromine Nuclei in Ferromagnetic (CH3NH3)2Cu(Cl1-xBrx)4. Journal of the Physical Society of Japan, 1981, 50, 2855-2864.	1.6	4
472	Order as a consequence of disorder in frustrated Ising models. Lecture Notes in Physics, 1981, , 161-165.	0.7	0
473	An Experimental Study of the Ising Chain Statistics under the Magnetic Field. Journal of the Physical Society of Japan, 1981, 50, 3603-3611.	1.6	14
474	Studies on Phase Transitions by AC Calorimetry. Japanese Journal of Applied Physics, 1981, 20, 1995-2011.	1.5	112
475	Bromine NMR Study of Cupric Compounds (CnH2n+1NH3)2CuBr4 (n=1, 2). Journal of the Physical Society of Japan, 1981, 50, 1479-1487.	1.6	16
476	Optical Birefringence in CsCuCl3: A Quasi One-Dimensional S=1/2 Ferromagnetic Heisenberg System. Journal of the Physical Society of Japan, 1981, 50, 1545-1550.	1.6	28
477	Magnetic Susceptibility Study of CsCuCl3. Journal of the Physical Society of Japan, 1981, 50, 3919-3924.	1.6	42
478	Transition Temperature of Layered System of Isotropic Spin with n>=3 Components. Progress of Theoretical Physics, 1981, 65, 1773-1786.	2.0	5
479	Magnetic ordering in DyH2 and DyH3. Chemical Physics Letters, 1981, 82, 323-326.	2.6	12
480	Calorimetric and spectroscopic studies of the critical phase transition in (CH3NH3)2[SnCl6]. Chemical Physics Letters, 1981, 82, 577-580.	2.6	22

#	Article	IF	Citations
481	The possibility of observing a soliton mode in [(CH3)4N] [NiCl3] by neutron scattering experiments. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 85, 100-102.	2.1	5
482	The critical exponent Î² of the antiferromagnet RbFeF4. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 83, 471-474.	2.1	5
483	Magnetic susceptibility of a chain system consisting of copper (II) trimers. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 86, 248-250.	2.1	9
484	Exact solution of the impure one-dimensional n-vector model with bilinear and biquadratic exchange interactions. Physica A: Statistical Mechanics and Its Applications, 1981, 107, 255-279.	2.6	3
485	Magnetic susceptibilities below 1 K: antiferromagnetic ordering in [Cu en3]SO4. Chemical Physics Letters, 1981, 81, 53-56.	2.6	4
486	Bidimensional magnetic properties of Î²-Sr2MnO4. Journal of Solid State Chemistry, 1981, 38, 34-39.	2.9	65
487	Cluster expansion and generalized transfer matrices for the statistical mechanics of linear chains. Journal of Statistical Physics, 1981, 24, 555-586.	1.2	7
488	Magnetic Properties of the 2D-Oxides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1981, 476, 69-88.	1.2	15
489	Isothermal and Frequencyâ€Dependent Perpendicular Susceptibilities of the Oneâ€Dimensional Ising Model with Nearest and Nextâ€Nearest Neighbour Interactions. Physica Status Solidi (B): Basic Research, 1981, 104, 491-496.	1.5	0
490	Crystal structure and magnetic properties of cyclohexylammonium trichlorocuprate(II): A quasi 1d Heisenberg ferromagnet. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 106, 47-58.	0.9	27
491	Magnetic ordering in [Co(Î³-Ch3î—¸C5H4NO)6](ClO4)2. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 111, 141-146.	0.9	2
492	Brillouin scattering and linear birefringence investigations of (CnH2n + 1NH3)2MnCl4 with n = 1, 2. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 111, 24-34.	0.9	9
493	Low temperature thermal expansion of CsNiCl3 and CsMgCl3. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 107, 91-92.	0.9	2
494	Successive phase transitions in a dilute quasi two-dimensional system. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 108, 845-846.	0.9	4
495	Magnetic resonances in perovskite-type layer structures. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 108, 951-952.	0.9	2
496	Magnetic properties of TMCuC : Mn, a quantum chain with classical impurities. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 108, 1319-1320.	0.9	1
497	Antiferromagnetism of CuBr2. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 84, 266-268.	2.1	6
498	Magnetic susceptibility studies of (CH2)3(NH3)2FeCl2Br2 and (CH2)6(NH3)2FeCl2Br2. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 82, 350-352.	2.1	12

#	Article	IF	Citations
499	Exchange effects on the luminescence of the quasi two dimensional antiferromagnet (CnH2n+1NH3) 2MnCl4 (n=1,2,3). Journal of Luminescence, 1981, 24-25, 79-82.	3.1	11
500	Experimental evidence for phonon modulation of antisymmetric exchange from the temperature dependence of EPR linewidths in (RNH3)2CuX4 salts. Journal of Magnetic Resonance, 1981, 42, 446-452.	0.5	13
501	Neutron powder diffraction and magnetic measurements on TlMnI3 and TlFeI3. Journal of Solid State Chemistry, 1981, 37, 189-203.	2.9	7
502	Pressure dependence of the magnetic transition fields of the quasi two-dimensional antiferromagnet (C2H5NH3)2 CuCâ„“4. Solid State Communications, 1981, 37, 529-532.	1.9	5
503	On the origin of energy gap in the spectrum of spin waves of the 2-D easy-plane antiferromagnets. Solid State Communications, 1981, 39, 1077-1079.	1.9	7
504	A MÃ¶ssbauer spectroscopy investigation on tetravalent iron stabilised in a layer structure. Solid State Communications, 1981, 39, 751-754.	1.9	13
505	Effective Hamiltonian method for S = 1 Ising ferromagnet. Solid State Communications, 1981, 38, 219-220.	1.9	1
506	Superexchange interactions of copper(II) ions in some binuclear complexes apically bridged by halogenide ions. Inorganica Chimica Acta, 1981, 56, 83-87.	2.4	6
508	Classical and quantum aspects of the continuous Heisenberg chain atT=0. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1981, 41, 115-127.	1.9	8
509	Squaric acid?a realization of the baxter model?. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1981, 45, 71-78.	1.9	5
510	Phase transition in an Ising-spinglass-model including next-nearest-neighbor-interaction?. Zeitschrift FÃ¼r Physik B Condensed Matter and Quanta, 1981, 42, 23-26.	1.9	13
511	Neutron diffraction from small numbers of Langmuir-Blodgett monolayers of manganese stearate. Physical Review B, 1981, 23, 1081-1087.	3.2	45
512	Phase diagram of spin-1 quantum Ising models: Applications to systems of weakly coupled classical Ising chains. Physical Review B, 1981, 23, 6099-6105.	3.2	24
513	Studies of a polymeric chromium phosphinate: Structure and static magnetic properties. Physical Review B, 1981, 23, 3393-3408.	3.2	6
514	Magnetogyration. Physical Review B, 1981, 23, 263-270.	3.2	10
515	Crystal structure, magnetic susceptibility, and EPR study of bis-(Î²-alaninium) tetrachlorocuprate(II): Spin-diffusion effects in a two-dimensional square planar ferromagnet with anisotropic and antisymmetric exchange. Physical Review B, 1981, 24, 5372-5381.	3.2	64
516	Neutron scattering investigation of the spin-flop transition in MnCl2Â·4D2O. Physical Review B, 1981, 24, 1244-1254.	3.2	16
517	Phase Diagrams and Multicritical Points in Randomly Mixed Alloys. Physical Review Letters, 1981, 46, 845-848.	7.8	48

#	Article	IF	Citations
518	Low temperature thermal expansion of CsNiCl3 and RbNiCl3. Journal of Applied Physics, 1981, 52, 1977-1979.	2.5	21
519	Superfluid density of thinHe4films adsorbed in porous Vycor glass. Physical Review B, 1981, 24, 5047-5057.	3.2	82
520	Measurement and calculation of the superexchange interaction through the two-halide bridge in the eclipsed layered compounds[NH3(CH2)nNH3]CuXforn=2â^'5andX=Cl4ÂandÂCl2Br2. Physical Review B, 1981, 24, 5349-5355.	3.2	46
521	Electron spin resonance observation of crossover behavior in antiferrodistortive Al[CO(NH2)2]6(ClO4)3and Ga[CO(NH2)2]6(ClO4)3. Physical Review B, 1981, 23, 3464-3468.	3.2	3
522	Molecular-field theory of the magnetic configurations and transverse magnetization processes in systems with high-order uniaxial anisotropy and strong antisymmetric exchange, with applications to some Sr-substituted hexagonal ferrites. Physical Review B, 1981, 24, 3847-3861.	3.2	12
523	Theory of large-angle magnetogyration. Physical Review B, 1981, 24, 5248-5259.	3.2	6
524	Low-temperature susceptibilities of theS=12, simple cubicXYantiferromagnet [Co(C5H5NO)6](NO3)2. Physical Review B, 1981, 24, 445-449.	3.2	13
525	Experimental thermal expansivities for single-crystal gadolinium metal near the Curie temperature. Physical Review B, 1981, 24, 6326-6335.	3.2	17
526	Measurement of the critical exponent Î² by means of optical birefringence on the Heisenberg antiferromagnet RbMnF3. Journal of Physics C: Solid State Physics, 1981, 14, L737-L740.	1.5	5
527	Phase transitions in a spin-1 system with the three-atom interaction. Journal of Physics C: Solid State Physics, 1981, 14, 255-271.	1.5	17
528	Easy-axis antiferromagnets with intermediate anisotropy. Journal of Physics C: Solid State Physics, 1981, 14, 2483-2492.	1.5	4
529	Linear magnetic birefringence and double-excitonic transitions of the two-dimensional antiferromagnet BaNiF4. Journal of Physics C: Solid State Physics, 1981, 14, 4447-4461.	1.5	15
530	Neutron scattering investigation of the temperature dependence of long-wavelength spin waves in ferromagnetic Rb2CrCl4. Journal of Physics C: Solid State Physics, 1981, 14, 5327-5345.	1.5	69
531	Amorphous magnetic materials. Uspekhi Fizicheskikh Nauk, 1981, 24, 511-525.	0.3	15
532	Organic-Inorganic Molecular Composites as Possible Low-Dimensional Conductors: Photo-Polymerization of Organic Moieties Intercalated in Inorganic Layer Compounds. Molecular Crystals and Liquid Crystals, 1982, 86, 163-174.	0.8	39
533	Randomâ€field effects in Fe1â^'xMgxCl2. Journal of Applied Physics, 1982, 53, 7954-7956.	2.5	81
534	Analytic representation of a zero-frequency transport coefficient. General theory and application to ultrasonic attenuation in CsNiCl3. Physical Review B, 1982, 26, 6169-6172.	3.2	5
535	Solitons and the excitation spectrum of classical ferromagnetic chains with axial anisotropy. Physical Review B, 1982, 26, 5153-5167.	3.2	17

#	Article	IF	Citations
536	Field dependent neutron scattering study of the quasi 2â€D Heisenberg antiferromagnet K2MnF4. Journal of Applied Physics, 1982, 53, 7963-7965.	2.5	31
537	Neutron scattering studies of spin waves in one-dimensional Heisenberg ferromagnetCuCl2Â·DMSO(dimethyl sulfoxide). Physical Review B, 1982, 25, 6855-6859.	3.2	16
538	Magnetic line groups. Physical Review B, 1982, 25, 6987-6994.	3.2	39
539	Antiferromagnetic and structural instabilities in tetramethyltetrathiafulvalene thiocyanate [(TMTTF)S2CN]. Physical Review B, 1982, 26, 6322-6325.	3.2	64
540	Effects of spatial anisotropy on the order of fluctuation-driven transitions. Physical Review B, 1982, 26, 415-419.	3.2	10
541	Spin-wave analysis in the two-dimensional antiferromagnetK2FeF4. I. Neutron scattering. Physical Review B, 1982, 25, 4750-4764.	3.2	61
542	Static magnetic properties of(CH3)4NMnxCu1â^'xCl3, a quantum ferromagnetic chain with classical impurities: Experiment and theory. Physical Review B, 1982, 25, 3261-3272.	3.2	25
543	Spinâ€Peierls transition in a Cu2+linear chain. Journal of Applied Physics, 1982, 53, 8027-8028.	2.5	5
544	Relationships between structure and low-dimensional magnetism in fluorides. Structure and Bonding, 1982, , 87-146.	1.0	23
545	On the inhomogeneous Heisenberg chain. Journal of Physics C: Solid State Physics, 1982, 15, L1305-L1308.	1.5	65
546	The susceptibility of DMMC;Cd: a dilute 1d anisotropic Heisenberg system. Journal of Physics C: Solid State Physics, 1982, 15, 783-793.	1.5	6
547	Specific heat study of ferroelectric CsH2PO4and CsD2PO4. Journal of Physics C: Solid State Physics, 1982, 15, 6823-6831.	1.5	20
548	Dynamics of quasi-one- and two-dimensional spin systems in the high-temperature limit. Journal of Physics C: Solid State Physics, 1982, 15, 2735-2744.	1.5	4
549	Elastic and thermal properties of the layered compound (CH3NH3)2FeCl4. Journal of Physics C: Solid State Physics, 1982, 15, 3041-3051.	1.5	21
550	Susceptibility of Magnetic Graphite-CoCl2 Intercalation Compounds. Materials Research Society Symposia Proceedings, 1982, 20, 207.	0.1	2
551	Magnetic Phase Diagram and Adiabatic Magnetization Cooling of Quasi-One-Dimensional Antiferromagnets (CH3)3NHMnX3Â·2H2O (X: Cl, Br). Journal of the Physical Society of Japan, 1982, 51, 85-93.	1.6	9
552	Specific heat of the quadratic antiferromagnetic CuCl2. Journal of Magnetism and Magnetic Materials, 1982, 30, 55-57.	2.3	6
553	Formation of Fluoride-Containing Coordination Compounds by Decomposition of Transition-Metal Tetrafluoroborates. Comments on Inorganic Chemistry, 1982, 1, 379-389.	5.2	57

#	Article	IF	Citations
554	Solitons in magnetic chains (invited). Journal of Applied Physics, 1982, 53, 8018-8023.	2.5	61
555	Ferroelectromagnets. Uspekhi Fizicheskikh Nauk, 1982, 25, 475-493.	0.3	1,175
556	Electronic properties of two-dimensional systems. Reviews of Modern Physics, 1982, 54, 437-672.	45.6	6,844
557	The Potts model. Reviews of Modern Physics, 1982, 54, 235-268.	45.6	3,011
558	Structural and magnetic studies of cesium fluorotitanate (CsTiF4). Materials Research Bulletin, 1982, 17, 369-377.	5.2	8
559	Further evidence for the coexistence of localized and itinerant 3d electrons in La2NiO4. Materials Research Bulletin, 1982, 17, 383-390.	5.2	106
560	Heat capacity of MnBr2Â·4H2O near the antiferromagnetic transition temperature. Pramana - Journal of Physics, 1982, 18, 249-259.	1.8	1
561	Breakdown of decoupling of dynamic correlations in a one-dimensional paramagnet. Physics Letters, Section A: General, Atomic and Solid State Physics, 1982, 90, 309-312.	2.1	6
562	The heat capacity of the layer compound tetrachlorobis (methylammonium) manganeseâ€”II (CH3NH3)2MnCl4, from 10 to 300k. Journal of Physics and Chemistry of Solids, 1982, 43, 341-349.	4.0	19
563	Electrical transitions in metal oxides. Journal of Solid State Chemistry, 1982, 45, 1-13.	2.9	43
564	Low-dimensionality magnetic interactions in the linear-chain transition metal complexes M(2,2â€²-bipyridine)(H2O)2SO4 (M = Fe, Ni, and Cu). Journal of Solid State Chemistry, 1982, 44, 141-149.	2.9	5
565	Exact solutions for heterophase ferromagnets. Physica A: Statistical Mechanics and Its Applications, 1982, 110, 518-534.	2.6	14
566	EPR investigation on exchange coupled Mn2+ pairs in (CH3)4NCdCl3. Solid State Communications, 1982, 44, 543-546.	1.9	17
567	Observation of the antiferromagnetic transition in the linear chain compound KFeS2 by magnetic susceptibility and heat capacity measurements. Solid State Communications, 1982, 44, 255-258.	1.9	21
568	Magnetic interactions in the layer compounds MPX3 (M = Mn, Fe, Ni; X = S, Se). Journal of Physics and Chemistry of Solids, 1982, 43, 455-461.	4.0	196
569	Magnetic studies of the layered compounds (CH2)n(NH3)2FeCl4, n = 2, 3 and 6. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1982, 112, 197-202.	0.9	7
570	Direct experimental determination of the gap exponent Î” in two three-dimensional Heisenberg ferromagnets. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1982, 112, 227-231.	0.9	0
571	The magnetic phase diagram of the quasi two-dimensional Heisenberg antiferromagnet K2MnF4. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1982, 113, 380-390.	0.9	9

#	Article	IF	Citations
573	Structure and magnetic properties of fluoroâ€bridged coordination compounds of firstâ€row transitionâ€metal ions. Recueil Des Travaux Chimiques Des Pays-Bas, 1982, 101, 49-57.	0.0	18
574	Magnetic properties of ternary compounds. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1983, 2, 1814-1822.	0.4	2
575			

#	Article	IF	Citations
591	Random fields in the diluted Ising system Fe1â^'xMgxCl2. Solid State Communications, 1983, 48, 573-576.	1.9	45
592	Chlorine-35 nuclear quadrupole resonance and phase transitions in (4ClC6H4NH3)2MnCl4, (4-Cl6H4NH3)2CUCl4, and (4-ClC6H4NH3)2CUBr4. Journal of Magnetic Resonance, 1983, 51, 95-102.	0.5	1
593	Temperature and Pressure Induced Phase Transitions in the Perovskite-Type Layer Compound (CH3-NH3)2 CdCl4. Molecular Crystals and Liquid Crystals, 1983, 96, 387-399.	0.8	11
594	Magnetic properties of NiCuAl solid solutions. Journal of Magnetism and Magnetic Materials, 1983, 37, 147-154.	2.3	7
595	Collective excitations in some quasi 1D Mn2+ compounds. Journal of Magnetism and Magnetic Materials, 1983, 31-34, 1130-1132.	2.3	4
596	NMR observation of oblique phase in mixed crystals (CH3NH3)2Cu(Cl1â^'xBrx)4(0.5â‰¤xâ‰¤1). Journal of Magnetism and Magnetic Materials, 1983, 31-34, 1461-1462.	2.3	1
597	Effect of magnetic order on sound propagation in linear antiferromagnet RbNiCl3. Journal of Magnetism and Magnetic Materials, 1983, 31-34, 1167-1168.	2.3	4
598	Magnetic properties of CoCl2-intercalated graphite. Synthetic Metals, 1983, 8, 35-42.	3.9	22
599	MÃ¶ssbauer studies of the static and dynamic critical behavior of the layered antiferromagnets RbFeF4and KFeF4. Physical Review B, 1983, 28, 2638-2652.	3.2	49
600	Soliton excitations in many-chained magnetic structures. Journal of Physics C: Solid State Physics, 1983, 16, 5867-5874.	1.5	1
601	Properties of magnetic excitations in RbCoCl3. Journal of Physics C: Solid State Physics, 1983, 16, L1129-L1136.	1.5	4
602	Magnetic ordering of the quasi-two-dimensional system VOCl. Journal of Physics C: Solid State Physics, 1983, 16, 5339-5350.	1.5	19
603	Crossover scaling function for the lattice anisotropy of the quasi-two-dimensional Ising models: the susceptibility. Journal of Physics C: Solid State Physics, 1983, 16, 369-382.	1.5	1
604	Anomalous AFMR in some quasi-one-dimensional Mn2+compounds. Journal of Physics C: Solid State Physics, 1983, 16, 6635-6649.	1.5	4
605	Integrable Reductions of Manycomponent Magnetic Systems in (1,1) Dimensions. Physica Scripta, 1983, 28, 229-234.	2.5	13
606	Magnetic Susceptibilities of the Frustrated Triangular Lattice Antiferromagnets CsVCl3 and VX2 (X=Cl,) Tj ETQq1 1 0.784314 rgBT /O 1983, 52, 2882-2887.	1.6	67
607	Exciton and magnon-sideband absorption in the pyroelectric antiferromagnet BaMnF4. Physical Review B, 1983, 27, 3762-3779.	3.2	39
608	Magnetic structure and dynamics inÎ±- andÎ²-phase solid oxygen. Physical Review B, 1983, 28, 452-454.	3.2	77

#	Article	IF	Citations
609	Field dependence of the paramagnetic susceptibility of the antiferromagnets CoCl2Â·6H2O, NiCl2Â·4H2O, MnCl2Â·4H2O, and MnBr2Â·4H2O. Physical Review B, 1983, 28, 2816-2826.	3.2	3
610	Fe1â^'xCoxCl2: Competing anisotropies and random molecular fields. Physical Review B, 1983, 27, 428-447.	3.2	86
611	Electrical conductivity measurements of some layered magnetic structures. Journal of Applied Physics, 1983, 54, 5473-5475.	2.5	7
612	Magnetic susceptibility ofCs2CrCl5.4H2O: Interplay of exchange and crystal-field effects. Physical Review B, 1983, 27, 3012-3017.	3.2	25
613	Lattice dynamics and structural phase transitions in perovskite-type layer compounds. I. The low-frequency inelastic neutron scattering and Raman spectra of the ordered monoclinic phase of (CH3NH3)2MnCl4and (CH3NH3)2CdCl4. Journal of Physics C: Solid State Physics, 1983, 16, 1353-1366.	1.5	30
614	Structural Phase Transition of Layer Compound (C2H5NH3)2FeCl4. Journal of the Physical Society of Japan, 1983, 52, 1669-1675.	1.6	38
615	Distribution of Cl-and Br-Ions in Mixed Crystals (CH3NH3)2Cu(Cl1-xBrx)4. Journal of the Physical Society of Japan, 1983, 52, 1420-1426.	1.6	10
616	Electronic Structure of Ionâ€Radical Organic Solids and Polyenes. Israel Journal of Chemistry, 1983, 23, 37-48.	2.3	16
617	Magnetic Susceptibility Analyses of Alternating and Ladder-Like Copper (II) Linear Chain Compounds. Journal of the Physical Society of Japan, 1983, 52, 2192-2201.	1.6	2
618	One-Dimensional Ferromagnetic Exchange Interactions and EPR Linewidth Anomaly in the Bis(Î¼-Aquo) Chain Of Hydrogen Copper(II) Maleate Tetrahydrate. Molecular Crystals and Liquid Crystals, 1984, 107, 171-180.	0.8	3
619	Magnetic phase diagram of (CH3NH3)MnCl3.2H2O. Journal of Physics C: Solid State Physics, 1984, 17, L857-L859.	1.5	4
620	Spin-localized model for the Lifshitz point in MnP. Physical Review B, 1984, 29, 6341-6351.	3.2	23
621	Susceptibilities of one-dimensional quantum spin models at zero temperature. Physical Review B, 1984, 30, 5254-5264.	3.2	19
622	Critical behavior and critical endpoints of FeCl2Â·2H2O and CoCl2Â·2H2O in an applied magnetic field. Physical Review B, 1984, 30, 6707-6716.	3.2	6
623	CoCl2-intercalated graphite: A quasi-two-dimensional magnetic system. Physical Review B, 1984, 30, 7225-7235.	3.2	40
624	Effects of random fields on the phase transitions and phase diagram ofMn0.75Zn0.25F2. Physical Review B, 1984, 30, 6639-6649.	3.2	53
625	Magnetic behavior of halobis(diethyldiselenocarbamato)iron(III): Interactions, anisotropy, and three-dimensionalXYferromagnetism. Physical Review B, 1984, 29, 3795-3809.	3.2	31
626	Low temperature magnetostriction in CsNiCl3and RbNiCl3. Journal of Applied Physics, 1984, 55, 2404-2406.	2.5	19

#	Article	IF	Citations
627	MODELS OF DISORDERED MATERIALS. , 1984, , 321-403.		10
628	Magnon condensation and solitons in ferromagnetic chains. Physics Letters, Section A: General, Atomic and Solid State Physics, 1984, 100, 161-165.	2.1	5
629	Crystal field effect in planar ferromagnets. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1984, 125, 33-39.	0.9	1
630	Ordered states magnetic resonances in the random mixture with competing spin anisotropies Fe1â^'xCoxCl2. Solid State Communications, 1984, 50, 849-855.	1.9	9
631	Antiferromagnetic resonance in Rb2Mn(1â^'x)CrxCl4: A randomly mixed insulating antiferromagnet and ferromagnet. Solid State Communications, 1984, 50, 193-196.	1.9	18
632	Crystal structure and magnetic properties of the linear chain organic-intercalated chromium(II) compound: Tetramethylammonium trichlorochromate(II), [(CH3)4N]CrCl3. Journal of Physics and Chemistry of Solids, 1984, 45, 1129-1134.	4.0	6
633	Phase transition sequence in (C5H11NH3)2ZnCl4 between 55 and 355 K. Journal of Physics and Chemistry of Solids, 1984, 45, 1175-1183.	4.0	5
634	Aspects of magnetic disorder. Hyperfine Interactions, 1984, 18, 403-412.	0.5	1
635	Magnetostatic properties of K2Co x Fe1â^'x F4, a system with competing anisotropies. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1984, 54, 313-320.	1.1	13
636	Thermodynamics of the two-dimensional spin-1/2 XY model. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1984, 57, 209-220.	1.1	33
637	Two-dimensional ice-type vertex model with two types of staggered sites. Theoretical and Mathematical Physics(Russian Federation), 1984, 58, 207-210.	0.9	2
638	Computer simulation of grain growthâ€"I. Kinetics. Acta Metallurgica, 1984, 32, 783-791.	2.1	991
639	Spin-flop transition in CuF2Â·2H2O. Physics Letters, Section A: General, Atomic and Solid State Physics, 1984, 104, 477-478.	2.1	1
640	Synthesis, crystal structure, and magnetism of FeMoO4Cl, a new two-dimensional antiferromagnet with OMoO superexchange pathways. Journal of Solid State Chemistry, 1984, 51, 376-387.	2.9	23
641	Origin of Superexchange Interactions in 3d Magnetic Solids (I). Physica Status Solidi (B): Basic Research, 1984, 125, 11-43.	1.5	9
642	PropriÃ©tÃ©s magÃ©htiques de MnRhAs. Etude de la transition antiferro-ferromagnÃ©tique. Physica Status Solidi A, 1984, 84, 199-206.	1.7	27
643	Field dependent specific heat study of the dipolar Ising ferromagnet LiHoF4. Journal of Magnetism and Magnetic Materials, 1984, 44, 59-76.	2.3	54
644	Specific heat and susceptibility of the 1-dimensional Heisenberg antiferromagnet Cu(Pyrazine) (NO3)2. evidence for random exchange effects at low temperatures. Journal of Magnetism and Magnetic Materials, 1984, 44, 89-98.	2.3	40

#	Article	IF	Citations
645	NMR-measurements of the field dependence of the sublattice magnetization in the antiferromagnet EuTe. Journal of Magnetism and Magnetic Materials, 1984, 45, 369-376.	2.3	4
646	Magneto-Structural Correlations in Exchange Coupled Systems. , 1984, , .		151
647	Specific heat studies of randomly diluted magnets evidence for fractal properties of the infinite percolation cluster. Journal of Magnetism and Magnetic Materials, 1984, 43, 3-12.	2.3	5
648	Experiments on literally two-dimensional magnets. Surface Science, 1984, 142, 556-570.	1.9	60
649	Linear optical birefringence of magnetic crystals. Reports on Progress in Physics, 1984, 47, 513-611.	20.1	198
650	Exchange interactions in the quasi-linear-chain antiferromagnetKFeS2. Physical Review B, 1984, 30, 5300-5305.	3.2	21
651	On the susceptibility behaviour of some two-dimensional spin canted antiferrornagnets. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1984, 50, 569-578.	0.6	2
652	Spontaneous Subsystem Magnetizations of a Heterogeneous Layer Antiferromagnet Mn(HCOO)2Â·2D2O. Journal of the Physical Society of Japan, 1985, 54, 2708-2713.	1.6	4
653	Phase Transition of a Two-Dimensional Heisenberg Antiferromagnet with Weak Canting Interaction. Journal of the Physical Society of Japan, 1985, 54, 4085-4088.	1.6	11
654	Crystalâ€Independent Interionic Potentials and the Lattice Dynamics of the Perovskiteâ€Type Layer Material K₂ZnF₄. Physica Status Solidi (B): Basic Research, 1985, 127, 55-65.	1.5	11
655	Shortâ€Range Order in the Quasiâ€Oneâ€Dimensional Classical Heisenberg Model. Physica Status Solidi (B): Basic Research, 1985, 130, K117.	1.5	1
656	Transition-metal(II) thiocyanate coordination compounds containing 4-allyl-1,2,4-triazole. Structure and magnetic properties.. Inorganica Chimica Acta, 1985, 102, 187-198.	2.4	28
657	Experimental evidence for fractal properties of the infinite percolation cluster in randomly diluted magnets. Comparison with the â€œnodes-links-blobsâ€•model. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 132, 100-104.	0.9	2
658	Relaxation behaviour at the spin-flop phase transition in the quasi-1D antiferromagnet CsMnCl3Â·2H2O. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 128, 13-25.	0.9	2
659	Magnetic order in AVX3 (A = Rb, Cs, (CD3)4 N; X = Cl, Br, I): A neutron diffraction study. Journal of Solid State Chemistry, 1985, 56, 343-354.	2.9	33
660	Magnetic superexchange involving tetrahedral anions: One-dimensional antiferromagnetic interactions via sulfate anions in M(2,9-di-CH3-1,10-phenanthroline)SO4 (M = Mn, Fe, Co, Ni, Cu). Journal of Solid State Chemistry, 1985, 58, 38-55.	2.9	4
661	Ferrous talc - A planar antiferromagnet. Solid State Communications, 1985, 55, 787-790.	1.9	24
663	Spin-phonon interactions near the one-dimensional antiferromagnetic ordering in CsNiCl3. Solid State Communications, 1985, 55, 771-774.	1.9	8

#	Article	IF	Citations
664	Solid charge-transfer complexes of phenazines. , 1985, , 169-216.		22
665	High Field Magnetization of Solid Oxygen. Journal of the Physical Society of Japan, 1985, 54, 1107-1115.	1.6	81
666	Monte Carlo Simulations of the Quantum XXZ Model in Two Dimensions. Physica Scripta, 1985, 32, 327-333.	2.5	14
667	Temperature and magnetic field effects on the magnetic excitations in Rb2CoxMg1-xF4. Journal of Physics C: Solid State Physics, 1985, 18, 2161-2169.	1.5	1
668	Linear-chain antiferromagnetism inFeOHSO4andFeOHCrO4. Physical Review B, 1985, 31, 2966-2973.	3.2	1
669	Low-temperature specific heat of uranium monopnictides and monochalcogenides. Physical Review B, 1985, 32, 4584-4591.	3.2	76
670	Paramagnetic behavior of R2Fe14B systems (R=Pr, Nd, Dy, or Er). Journal of Applied Physics, 1985, 57, 4109-4111.	2.5	40
671	Existence of an isotropic point and birefringence dispersion study in (C2H5NH3)2CuCl4crystal near its thermochromic phase transition. Physical Review B, 1985, 31, 4562-4568.	3.2	10
672	The Theory of Magnetism II. Springer Series in Solid-state Sciences, 1985, , .	0.3	89
673	The Ising antiferromagnet in a uniform field. Journal of Physics C: Solid State Physics, 1985, 18, L1067-L1071.	1.5	15
674	Phase diagrams and critical behavior of Ising square lattices with nearest-, next-nearest-, and third-nearest-neighbor couplings. Physical Review B, 1985, 31, 5946-5953.	3.2	178
675	Magnetochemistry of Ions in the 4A2 Electronic State. Science, 1985, 227, 1291-1295.	12.6	34
676	Coexistence of Spin-Glass and Antiferromagnetic Orders in the Ising SystemFe0.55Mg0.45Cl2. Physical Review Letters, 1985, 55, 2043-2046.	7.8	123
677	Crystallographic, thermal and magnetic properties of CoCl2-graphite intercalation compound â€" a quasi-two-dimensional system of finite size clusters. Synthetic Metals, 1985, 12, 427-432.	3.9	30
680	Zero-Field Splittings and Magnetic Interactions. , 1985, , 127-155.		2
681	Critical phenomena: A brief historical survey. Contemporary Physics, 1985, 26, 49-72.	1.8	25
682	Spin Dynamics in a Quasi-Two Dimensional Antiferromagnet MnTiO3. Journal of the Physical Society of Japan, 1986, 55, 4464-4476.	1.6	19
683	Phase Diagrams of Mixtures and Magnetic Systems. Topics in Current Physics, 1986, , 121-144.	0.5	1

#	Article	IF	Citations
684	Triangular-spin, kagome plane in jarosites. Physical Review B, 1986, 33, 4919-4926.	3.2	101
685	Phase diagrams and correlation exponents for quantum spin chains of arbitrary spin quantum number. Physical Review B, 1986, 34, 6372-6385.	3.2	479
686	Random-Field Effects on Field-Induced Transitions in Ising-Type Antiferromagnets. Physica Scripta, 1986, T13, 219-225.	2.5	5
687	Magnetic properties of layer AB2X4 compounds. Progress in Crystal Growth and Characterization, 1986, 13, 105-120.	0.8	10
688	Dynamical critical slowing down in CsNiF3. Solid State Communications, 1986, 60, 945-949.	1.9	6
689	Phase diagrams of weakly anisotropic Heisenberg antiferromagnets, nonlinear excitations (solitons) and random-field effects. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 141, 1-36.	0.9	35
690	Indirect nuclear spin-spin interaction in a antiferromagnetic Heisenberg chain. I. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 141, 87-98.	0.9	0
691	Characteristics of the motion of solitary magnons in uniaxial anisotropic ferromagnets. Physics Letters, Section A: General, Atomic and Solid State Physics, 1986, 114, 506-508.	2.1	0
692	Synthesis, structure and low temperature magnetism of the new lithium and sodium insertion compounds: LiFe(II)ClMoO4 and NaFe(II)ClMoO4. Journal of Physics and Chemistry of Solids, 1986, 47, 741-750.	4.0	5
693	Octahedral vs tetrahedral coordination of the co(II) ion in layer compounds: CoxZn1â^'xIn2S4(Oâ©½xâ©½0.46) solid solution. Journal of Physics and Chemistry of Solids, 1986, 47, 899-903.	4.0	27
694	Magnetic properties of quasi-two-dimensional La2NiO4. Journal of Solid State Chemistry, 1986, 64, 287-295.	2.9	74
695	Metal chelates of heterocyclic nitrogen-containing ketones. XX. Temperature dependence of magnetic susceptibility and electron spin resonance spectra of halogeno-copper(II) complexes of phenyl-2-picolyl ketone hydrazone and phenyl hydrazone. Inorganica Chimica Acta, 1986, 119, 207-214.	2.4	26
696	An XPS study of layered AB2Ã—4 semiconductors. Surface and Interface Analysis, 1986, 9, 342-342.	1.8	0
697	1,2-Dithiolene complexes of transition metals-structural systematics and physical properties. Journal of Crystallographic and Spectroscopic Research, 1986, 16, 347-416.	0.2	24
698	Nonlinear excitations in ld and 2d magnetic systems. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 136, 329-334.	0.9	8
699	Magnetic properties of NaFeP2O7 studied by neutron diffraction and MÃ¶ssbauer resonance techniques. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1986, 136, 447-450.	0.9	2
700	Thermodynamics of cooperative phenomena in magnetic materials. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 725-727.	2.3	2
701	A neutron diffraction and magnetic study of the first-order phase transition in TbGe1-xSix (0 â©½ x â©½ 0.4). Journal of Magnetism and Magnetic Materials, 1986, 62, 15-28.	2.3	16

#	Article	IF	Citations
702	The observation of structural phase transitions in AMX3 linear-chain compounds by means of magnetic susceptibility. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 1489-1492.	2.3	6
703	Synthesis and magnetic properties of a new 2D ionic ferromagnet: The bis(benzylammonium) tetrabromochromate(II), (C6H5CH2NH3)2CrBr4. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 1495-1496.	2.3	5
704	On magnetic properties of some oxides with delafossite-type structure. Materials Research Bulletin, 1986, 21, 745-752.	5.2	118
705	Low temperature behaviour of Ising magnetic chains; decorated solitons, locally enhanced exchange and diffusive propagation. Solid State Communications, 1986, 58, 433-440.	1.9	9
706	Magnetic properties of TCNQ complex salts with polycations containing sulfur atoms in the main chain. Journal of Macromolecular Science - Physics, 1986, 25, 37-56.	1.0	4
707	Magnetism and Structure: Model Studies on Transition Metal Fluorides and Cyanides. Comments on Inorganic Chemistry, 1986, 5, 285-320.	5.2	89
708	Critical behaviour and magnetic field dependence of the in-plane susceptibility of Rb2CrCl4. Journal of Physics C: Solid State Physics, 1986, 19, 395-405.	1.5	12
709	Effect of temperature and antiferromagnetic ordering on the dielectric constants of MnO and MnF2. Journal of Physics C: Solid State Physics, 1986, 19, 1627-1635.	1.5	22
710	Observation of Crossover to 4-Dimensional Critical Behaviour. Europhysics Letters, 1986, 1, 37-44.	2.0	23
711	Magnetic Properties of (DIMET) 2 SbF 6 : Quantitative Discussion of the Antiferromagnetic Behaviour. Europhysics Letters, 1986, 2, 401-408.	2.0	13
712	Effective-field theory for the magnetic and thermal properties of site- and bond-impure systems. Journal of Physics C: Solid State Physics, 1986, 19, 1567-1580.	1.5	3
713	Specific-heat study of random-field and competing-anisotropy effects inFe1â^'xCoxCl2. Physical Review B, 1986, 34, 1864-1879.	3.2	37
714	Short- and long-range correlations in theS=1/2ferromagnetic chain system (C6D11ND3)CuBr3. Physical Review B, 1986, 34, 4826-4830.	3.2	19
715	Magnetic structure and dynamics in thealphaandÎ²phases of solid oxygen. Physical Review B, 1986, 33, 1-13.	3.2	71
716	Long Range Order. Ferromagnetism and Antiferromagnetism. , 1986, , 112-162.		3
717	Lower Dimensional Magnetism. , 1986, , 163-225.		3
718	Magnetic Phase Transitions in Low-Dimensional Systems. NATO ASI Series Series B: Physics, 1987, , 125-140.	0.2	16
719	Generalized Coherent States and the Continuous Heisenberg XYZ Model With One-Ion Anisotropy. Physica Scripta, 1987, 35, 233-237.	2.5	15

#	Article	IF	Citations
720	Magnetism and superconductivity in GdBa2Cu3O7-x. Journal of Physics F: Metal Physics, 1987, 17, L345-L351.	1.6	37
721	Interface Effects in Ultrathin Ferromagnetic Films. Physica Scripta, 1987, T19B, 405-412.	2.5	14
722	Magnetic energy in a dilute two-dimensional Heisenberg ferromagnet K2CuxZn1-xF4: linear optical birefringence measurements. Journal of Physics C: Solid State Physics, 1987, 20, 3571-3581.	1.5	6
723	The Effect of Two Hyperfine Fluctuating Fields on the MÃ¶ssbauer Spectra. Europhysics Letters, 1987, 4, 493-496.	2.0	1
724	Magnetic excitations in the Ising-like layer compound (Co(Î³-CH3-C5H4NO)6)(ClO4)2. Journal of Physics C: Solid State Physics, 1987, 20, 2735-2747.	1.5	5
725	One-dimensional magnetism in copper phthalocyanine. Physical Review B, 1987, 35, 5003-5007.	3.2	19
726	Paramagnetic susceptibilities of the antiferromagnetic quantum chain copper chloride bisâ€“dimethyl sulfoxide: Theory and experiment. Physical Review B, 1987, 35, 228-235.	3.2	16
727	Magnetic properties of (C6H5CH2C4H11N2Cl)2CuCl4and (CH2OHCH2NH3)2CuCl4. Journal of Applied Physics, 1987, 61, 3295-3297.	2.5	32
728	Theory of zero-field muon-spin relaxation in simple magnetic systems. Physical Review B, 1987, 35, 5209-5218.	3.2	3
729	Frustrated antiferromagnetism at heterointerfaces in a semiconductor superlattice: MnSe/ZnSe. Journal of Applied Physics, 1987, 62, 4835-4838.	2.5	44
730	Lowâ€temperature heat capacity of linearâ€chain magnetic compounds CsNiCl3, RbNiCl3, and CsCuCl3. Journal of Applied Physics, 1987, 61, 4404-4406.	2.5	15
731	Magnetic phase transitions inEuNi5P3: Unusual steps in the magnetization with field. Physical Review B, 1987, 35, 8880-8883.	3.2	16
732	Antiferromagnetism ofLa2CuO4â^'ystudied by muon-spin rotation. Physical Review Letters, 1987, 59, 1045-1048.	7.8	252
733	Magnetic Properties of Superconducting GdBa2Cu3O6+Î´at Low Temperature and High Field. Materials Research Society Symposia Proceedings, 1987, 99, 981.	0.1	0
734	ESR and Optical Studies on Cl2- in Single Crystals of (CnH2n+1NH3)2CdCl4 with n=1, 2 and 3. Journal of the Physical Society of Japan, 1987, 56, 3354-3361.	1.6	12
735	Spontaneous Staggered Magnetization of Two-Dimensional Heisenberg like Antiferromagnet with Canting Interaction. Journal of the Physical Society of Japan, 1987, 56, 1553-1561.	1.6	22
736	Theory of first-order phase transitions. Reports on Progress in Physics, 1987, 50, 783-859.	20.1	882
737	Antiferromagnetic properties of (DIMET)2SbF6. Synthetic Metals, 1987, 19, 425-430.	3.9	4

#	Article	IF	Citations
738	Magnetic order in grunerite, Fe7Si8O22(OH)2A quasi-one dimensional antiferromagnet with a spin canting transition. Physics and Chemistry of Minerals, 1987, 14, 36-44.	0.8	13
739	(N, N, N?, N?-tetramethylethylenediammonium)Cu2X6 (X=Cl, Br): crystal structure and magnetic interactions. Transition Metal Chemistry, 1987, 12, 410-413.	1.4	4
740	Superconductivity and 2-dimensional magnetism in orthorhombic and tetragonal GdBa2Cu3O7-î´. Solid State Communications, 1987, 64, 699-703.	1.9	68
741	Magnetic properties and 151Eu MÃ¶ssbauer spectroscopy of a new molybdenum bronze:Eu0.08MoO3. Solid State Communications, 1987, 62, 221-223.	1.9	15
742	General soliton and polaron solutions in the continuum polyacetylene model through inverse scattering technique. Physica A: Statistical Mechanics and Its Applications, 1987, 144, 418-429.	2.6	2
743	Two-dimensional magnetic behaviour of CrxGa2.67 â^' xS4 (0.87 â©½ x â©½ 1.00) layered compounds. Journal of Physics and Chemistry of Solids, 1987, 48, 269-273.	4.0	3
744	Synthesis and crystal structure of the ferromagnetic chain system (C6D11ND3)CuBr3. Journal of Physics and Chemistry of Solids, 1987, 48, 803-811.	4.0	7
745	Ion-exchange reactions and physical properties of the mica analogue KNiAsO4. Journal of Solid State Chemistry, 1987, 69, 240-251.	2.9	12
746	Intrachain exchange energies in 1-dimensional magnetic fluoromanganates(III) as a function of Mnî—¸Fî—¸Mn bridge angle and crystal structure of Li2MnF5. Journal of Solid State Chemistry, 1987, 71, 87-94.	2.9	53
747	Further aspects of the structure and magnetism of the layered compound Fe(III)ClMoO4: MÃ¶ssbauer spectroscopy, susceptibility, and powder neutron diffraction studies. Journal of Solid State Chemistry, 1987, 66, 105-115.	2.9	7
748	Electrical properties and stoichiometry in La2NiO4. Journal of Solid State Chemistry, 1987, 67, 26-36.	2.9	52
749	Quantum Monte Carlo versus experimental results for xxz chains. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 119, 469-472.	2.1	4
750	Determination of the spin reorientation direction at the spin-flop transition of CuCl2Â·2H2O, CoCl2Â·6H2O and CoBr2Â·6H2O using transversal differential magnetization measurements. Journal of Magnetism and Magnetic Materials, 1987, 66, 403-408.	2.3	0
751	Thermal and magnetic properties of TbC13. Journal of Magnetism and Magnetic Materials, 1987, 69, 53-60.	2.3	3
752	Normal state properties of La2?x Sr x CuO4. European Physical Journal B, 1987, 68, 411-416.	1.5	6
753	MÃ¶ssbauer study on a two-dimensional random mixture with competing spin anisotropies K2Ni1â^'x Fe x F4. Hyperfine Interactions, 1987, 33, 89-103.	0.5	3
754	Hyperfine interactions in the anisotropic layer compound FeOCl from57Fe MÃ¶ssbauer studies. Hyperfine Interactions, 1987, 33, 133-144.	0.5	3
755	Spin glass behavior of FeSbO<inf>4</inf>studied by MÃ¶ssbauer spectroscopy and magnetometry. IEEE Transactions on Magnetics, 1987, 23, 2311-2313.	2.1	4

#	Article	IF	Citations
756	The synthesis and structure of (N-{2-[2-(2-ammonioethylamino)ethylamino]ethyl}salicylideneaminato-O,N,N',N'')nickel(II) perchlorate. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 2076-2079.	0.4	1
757	Structures of ethylenediammonium tetrabromocuprate(II) and propylenediammonium tetrabromocuprate(II). Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 2071-2076.	0.4	42
758	Magnetic properties of Y2Cu2O5. Solid State Communications, 1988, 68, 775-779.	1.9	40
759	Magnetic frustration and lattice dimensionality in SrCr8Ga4O19. Solid State Communications, 1988, 65, 189-192.	1.9	191
760	Ab initio molecular orbital calculations of effective exchange integrals for transition metal oxides and halides: Strong superexchange interactions and high Tc superconductivity. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1213-1214.	1.2	6
761	Magnetic ordering in dilute GdxEu1â^'xBa2Cu3O7â^'Î´ superconductors. Physica C: Superconductivity and Its Applications, 1988, 153-155, 188-189.	1.2	5
762	Cluster pairing in the paramagnetic trinuclear complex compound [Cr3O(CH3COO)6(H2O)3]Cl Â· 6H2O: Calorimetric study at very low temperatures. Journal of Physics and Chemistry of Solids, 1988, 49, 987-992.	4.0	5
763	Magnetic susceptibility study of KNiAsO4, HMnAsO4ï¿½H2O and their organic-intercalated derivatives. Physics and Chemistry of Minerals, 1988, 15, 465-469.	0.8	8
764	EPR-Spektren von Ï¿½slichen Alkylammoniumfluorofer(III). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1988, 563, 185-191.	1.2	4
765	An exchange-bipolaron model for high-Tc superconductivity. Solid State Communications, 1988, 65, 963-972.	1.9	79
766	Magnetic properties of semiconducting Y2BaCuO5: DC susceptibility and electron paramagnetic resonance study. Solid State Communications, 1988, 66, 171-175.	1.9	46
767	Magnetic ordering in CoTa2O6 and NiTa2O6. Journal of Solid State Chemistry, 1988, 73, 579-582.	2.9	43
768	A comparative study of (BI)polaronic (super)conductivity in high- and low-Tc superconducting oxides. Physica C: Superconductivity and Its Applications, 1988, 152, 171-216.	1.2	142
769	Effect of Jahn-Teller distortion on the exchange interactions in KCuF3. Two model studies. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1988, 150, 285-296.	0.9	0
770	Magnetic coupling among unidimensional units in the alkali metal thioferrates. Journal of Magnetism and Magnetic Materials, 1988, 73, 372-378.	2.3	1
771	Theoretical study of a general class of one-dimensional isotropic random systems with classical spins. Journal of Magnetism and Magnetic Materials, 1988, 73, 379-388.	2.3	9
772	Magnetic properties of hydroxy Co-Mica intercalation. Journal of Magnetism and Magnetic Materials, 1988, 75, 115-122.	2.3	2
773	Magnetic properties of Ni(NO3)2Â·2H2O. Journal of Magnetism and Magnetic Materials, 1988, 74, 281-284.	2.3	1

#	Article	IF	Citations
774	Linear and nonlinear susceptibilities and scaling far from Tc in nickel. Journal of Magnetism and Magnetic Materials, 1988, 72, 29-34.	2.3	37
775	Radiation effects in two-dimensional crystals of (CnH2n + 1NH3)2MCl4 WITH n = 1,2, 3 and M = Cd, Mn. Nuclear Instruments & Methods in Physics Research B, 1988, 32, 201-203.	1.4	6
776	Spin Waves in Magnetic Dielectrics Current Status of the Theory. Modern Problems in Condensed Matter Sciences, 1988, , 1-80.	0.1	0
777	Crystal structure and magnetic properties of [Co(py)2(H2O)2Br2]. Journal of Applied Physics, 1988, 63, 3572-3574.	2.5	3
778	Magnetic properties ofCu2Zn1â^'xMnxGeS4: Antiferromagnetic interactions in the wurtz-stannite structure. Physical Review B, 1988, 37, 411-418.	3.2	58
779	Studies on Some Substituted and Substituted Mixed Halomanganates(II). Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1988, 18, 197-214.	1.8	3
780	Mixed Halomanganates(II). Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1988, 18, 153-162.	1.8	1
781	Magnetic properties and structure of MDT (TCNQ)2. Synthetic Metals, 1988, 27, 327-332.	3.9	5
782	Spin Dynamics in the Square-Lattice Antiferromagnet. Physical Review Letters, 1988, 61, 617-620.	7.8	384
783	Magnetochemistry of chromium(III): Linear-chainâ€“toâ€“simple-cubic crossover magnetic interactions in several halopentammines. Physical Review B, 1988, 38, 11589-11592.	3.2	0
784	Ground-state solutions of a frustrated Ising model inddimensions. Physical Review B, 1988, 37, 9512-9517.	3.2	9
785	Magnetic and structural properties of Mn(SCN)2(ROH)2compounds. Journal of Applied Physics, 1988, 63, 3569-3571.	2.5	11
786	Antiferromagnetism inYBa2Cu3O6+x. Physical Review B, 1988, 38, 2477-2485.	3.2	304
787	Birefringence dispersion study in (C12H25NH3)2ZnCl4crystal near its isotropic point. Physical Review B, 1988, 37, 1814-1819.	3.2	2
788	Magnetic properties, hyperfine interactions, and spin dynamics in the layer compounds CsVF4and RbVF4. Journal of Applied Physics, 1988, 63, 3563-3565.	2.5	2
789	Antiferromagnetic resonance inLa2â^'xCuO4â^'y. Physical Review B, 1988, 37, 5817-5819.	3.2	32
790	Comment on "Spin Dynamics in the Square-Lattice Antiferromagnet". Physical Review Letters, 1988, 61, 2971-2971.	7.8	35
791	Antiferromagnetism in YBa2Cu3O6+x(invited). Journal of Applied Physics, 1988, 64, 6071-6074.	2.5	16

#	Article	IF	Citations
792	Neutron scattering studies of the magnetic structure of cupric oxide. Physical Review B, 1988, 38, 174-178.	3.2	141
793	Experimental Observation of a Two-Dimensional Heisenberg Nuclear Ferromagnet. Physical Review Letters, 1988, 60, 305-308.	7.8	136
794	Magneto-optical properties of the competing-anisotropy model systemFe1âˆ'xCoxCl2. II. Faraday rotation. Physical Review B, 1988, 37, 7680-7690.	3.2	6
795	Oxocuprates: A structural and magnetic zoo. Journal of Applied Physics, 1988, 64, 5953-5955.	2.5	5
796	Susceptibility and specific-heat studies on the directionally anisotropic Heisenberg antiferromagnets. Physical Review B, 1988, 38, 4716-4724.	3.2	1
797	Thermodynamics of the one-dimensional diluted classical spin Heisenberg model with single-ion anisotropy. Physical Review B, 1988, 37, 7575-7581.	3.2	4
798	Electrical conductivity, thermoelectric power, and ESR of a new family of molecular conductors, dicyanoquinonediimine-metal [(DCNQI)2M] compounds. Physical Review B, 1988, 38, 5913-5923.	3.2	120
799	Optical absorption spectra in the quasi-two-dimensional antiferromagnets (NH3(CH2)nNH3)MnCl4(n=2, 3, 4, 5). I. Experimental. Journal of Physics C: Solid State Physics, 1988, 21, 4795-4808.	1.5	8
800	Projected spin wave theory: the Heisenberg anisotropic model. Journal of Physics C: Solid State Physics, 1988, 21, 445-460.	1.5	0
801	Thermodynamics of the diluted classical spin Heisenberg chain in an external magnetic field. Journal of Physics C: Solid State Physics, 1988, 21, 1571-1582.	1.5	2
802	A study of the intra-chain magnetic coupling in the alkali metal thioferrates by means of Mossbauer spectroscopy. Journal of Physics C: Solid State Physics, 1988, 21, 2931-2939.	1.5	2
803	Physical properties of (DMCTTF)2X salts and their selenium analogues. Journal of Physics C: Solid State Physics, 1988, 21, 5719-5734.	1.5	6
804	Crossover from Random Exchange to Random Field Critical Behaviour: A Nonlinear Susceptibility Study of Fe _{0.7} Mg _{0.3} Cl ₂. Europhysics Letters, 1988, 5, 529-534.	2.0	12
805	Electrical Resistivity,Magnetization and Specific Heat Measurements on Stable Trivalent Compound Ce2Zn17. Journal of the Physical Society of Japan, 1988, 57, 1069-1076.	1.6	7
806	Antiferromagnetism and Anisotropy in the Susceptibility of YBa2Cu3Oy. Journal of the Physical Society of Japan, 1989, 58, 2256-2259.	1.6	32
807	Spin dynamics and magnetic properties of two-dimensional systemsMPX3fromP31NMR and relaxation. Physical Review B, 1989, 39, 8915-8923.	3.2	10
808	Influence of Ni, Fe, and Zn substitution on the superconducting and antiferromagnetic state ofYBa2Cu3O7âˆ'Î´. Physical Review B, 1989, 39, 11680-11689.	3.2	96
809	Cyclic four-spin exchange on a two-dimensional square lattice: Possible applications in high-Tcsuperconductors. Physical Review B, 1989, 39, 2299-2303.	3.2	69

#	Article	IF	Citations
810	Specific heat of decamethylferrocenium tetracyanoethanide (DMeFc)(TCNE). Physical Review B, 1989, 40, 11422-11424.	3.2	32
811	Properties that change as superconductivity disappears at high-doping concentrations inLa2â^'xSrxCuO4. Physical Review B, 1989, 40, 8872-8877.	3.2	340
812	Paramagnetic susceptibility ofYBa2Cu3O7â^'Î´at high temperatures. Physical Review B, 1989, 39, 858-861.	3.2	24
813	Metamagnetism inLa2CuO4. Physical Review B, 1989, 39, 4395-4398.	3.2	80
814	Magnetic properties of RbBp.2Ttg. Molecular Physics, 1989, 67, 347-365.	1.7	2
815	The Magnetic Anisotropy of Y-Ba-Cu-O Single Crystals Above T _c. Europhysics Letters, 1989, 9, 723-728.	2.0	22
816	The heat capacity of KDy(MoO4)2near the magnetic phase transition. Journal of Physics Condensed Matter, 1989, 1, 7529-7534.	1.8	3
817	Specific-Heat Evidence for Quasi-1D Magnetic Order in CuO. Europhysics Letters, 1989, 8, 263-268.	2.0	91
818	Magnetisation measurements of the synthetic olivine single crystals A2SiO4with A=Mn, Fe or Co. Journal of Physics Condensed Matter, 1989, 1, 4955-4970.	1.8	28
819	High-Temperature Magnetic Susceptibility of YBa2Cu3Oy. Japanese Journal of Applied Physics, 1989, 28, 1278-1279.	1.5	3
820	Magnetic susceptibility investigations of the La2NiO4+Î´ system. Materials Research Bulletin, 1989, 24, 671-679.	5.2	12
821	Critical temperature of pseudo-one- and -two-dimensional magnetic systems. Journal of Magnetism and Magnetic Materials, 1989, 82, 294-296.	2.3	28
822	Magnetic phase transitions in the Ising superlattice with interfaces. Journal of Magnetism and Magnetic Materials, 1989, 78, 403-411.	2.3	2
823	Magnetic susceptibility and dielectric behaviour of (p-Clâ^'C6H4NH3)2FepZn1â^'pCl4 (p = 0.1, 0.2, 0.4, 0.6,) Tj ETQq1 1 0.784314 rgBT	2.3	1
824	Antiferromagnetic phase transition in Bi2Sr2YCu2O8.37. Physica C: Superconductivity and Its Applications, 1989, 160, 136-140.	1.2	16
825	Specific heat (1â€“330K), magnetic susceptibility (5â€“250K) and phonon dos of CuO: A study of the magnetic transitions. Physica C: Superconductivity and Its Applications, 1989, 162-164, 478-479.	1.2	10
826	Non-linear excitations in Ising-type magnetic chain systems II. Physica B: Condensed Matter, 1989, 154, 254-266.	2.7	23
827	Non-linear excitations in Ising-type magnetic chain systems I. Physica B: Condensed Matter, 1989, 154, 267-279.	2.7	1

#	Article	IF	Citations
828	Magnetic excitations in random systems in high magnetic fields. Physica B: Condensed Matter, 1989, 155, 323-327.	2.7	3
829	Application of the thermal boson expansion to the Heisenberg antiferromagnet MnF2. Physica B: Condensed Matter, 1989, 160, 357-364.	2.7	1
830	Properties of La2CuO4 and related compounds. Physica C: Superconductivity and Its Applications, 1989, 158, 109-126.	1.2	113
831	Some applications of the quantum-lattice-gas model to high-Tc superconductivity. Physica C: Superconductivity and Its Applications, 1989, 161, 631-655.	1.2	59
832	The vibrational spectra and force constants of the planar CuCl42â˜' ion in bis(2-aminobenzothiazolium)tetrachlorocuprate(II). Inorganica Chimica Acta, 1989, 156, 113-117.	2.4	5
833	Destruction of long-range superconducting order in layer-type high-Tc superconductors by perpendicular magnetic fields. Solid State Communications, 1989, 70, 955-960.	1.9	18
834	Thermal and electrical studies on some two-dimensional chelated compounds. Thermochimica Acta, 1989, 140, 229-236.	2.7	0
835	Magnetism of iron-sulfur tetrahedral frameworks in compounds with thallium I. Chain structures. Journal of Physics and Chemistry of Solids, 1989, 50, 297-308.	4.0	32
836	Synthesis and magnetic properties of transition metal cyclotetraphosphates M2P4O12 (M = Mn, Co, Ni,) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	20
837	Magnetic order in acmite; NaFeSi2O6. Physics and Chemistry of Minerals, 1989, 16, 672.	0.8	19
838	ï¿½ber Ba2CrF6 und Ba5Cr3F18, ein Beitrag zur Strukturchemie von Chrom(II)- und Barium-ï¿½bergangsmetall-Fluoriden. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1989, 575, 171-186.	1.2	11
839	Anomalous magnetic field dependence of electron mobility in anisotropic ferromagnetic semiconductors. Physica Status Solidi (B): Basic Research, 1989, 152, 217-223.	1.5	0
840	Magnetic Susceptibility of Oneâ€Dimensional Ferromagnetic CsFeCl₃ Crystals. Physica Status Solidi (B): Basic Research, 1989, 153, K159.	1.5	4
841	The Prognostication Possibility of Some Magnetic Properties for Dielectrics on the Basis of Covalency Parameters of Ligandâ€Cation Bonds. Physica Status Solidi (B): Basic Research, 1989, 155, 249-255.	1.5	24
842	A study of the magnetic transitions in CuO: specific heat (1-330 K), magnetic susceptibility and phonon density of states. Journal of Physics Condensed Matter, 1989, 1, 8021-8034.	1.8	59
843	Magnetic neutron scattering study of single-crystal cupric oxide. Physical Review B, 1989, 39, 4343-4349.	3.2	249
844	Chapter 82 Physical properties of R2Fe14B-based alloys. Fundamental Theories of Physics, 1989, , 71-132.	0.3	7
845	Magnetic Behavior of Organic Free Radicals with Localized and Delocalized Electrons. Journal of the Physical Society of Japan, 1989, 58, 3361-3370.	1.6	21

#	Article	IF	Citations
846	Molecular Clusters of 3D and Lower Magnetic Dimensionality. Materials Research Society Symposia Proceedings, 1990, 206, 539.	0.1	0
847	MnCl2â‹…H2O: A quasiâ€oneâ€dimensional Heisenberg antiferromagnet. Journal of Applied Physics, 1990, 67, 5857-5859.	2.5	19
848	Experiments on Haldane gap in quasi-one-dimensional antiferromagnets. Journal of Magnetism and Magnetic Materials, 1990, 90-91, 213-216.	2.3	34
849	Crystal chemistry and physical properties of La2â^'xSrxNiO4 (0 â‰¤ x â‰¤ 1.6). Materials Research Bulletin, 1990, 25, 293-306.	5.2	169
850	Cu-site substitution effects onT c in La2CuO4-derived superconductors: A proposal of rationalization. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1990, 12, 1553-1574.	0.4	6
851	Dicyclopentadienidhalogenide der Lanthanoide. 7. Magnetismus der zwei Modifikationen des Gadolinium-dicyclopentadienidbromids, [Gd(C5H5)2Br]2 und?1[Gd(C5H5)2Br]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1990, 587, 7-15.	1.2	3
852	Magnetic Solitons. Physics Reports, 1990, 194, 117-238.	25.6	735
853	Exchange interactions in insulators and semiconductors. Physica B: Condensed Matter, 1990, 164, 241-260.	2.7	28
854	Anisotropic spin correlations in CuO above the NÃ©el temperature. Physica C: Superconductivity and Its Applications, 1990, 170, 371-374.	1.2	21
855	Pseudo-1D magnetic order and fluctuation behavior of 3d-dopants in superconducting YBa2Cu3â^'xFexO7+Î´. Physica C: Superconductivity and Its Applications, 1990, 169, 23-34.	1.2	27
856	Formulation and numerical results of the transfer-matrix method for quantum spin chains. Physica A: Statistical Mechanics and Its Applications, 1990, 168, 736-767.	2.6	37
857	Magnetic resonances in CsCuCl3. Solid State Communications, 1990, 76, 873-876.	1.9	35
858	Common features of magnetic and superconducting properties in Y-doped Bi2(Sr,Ca)3Cu2O8 and Ba(Sr)-doped La2CuO4. Solid State Communications, 1990, 74, 1321-1326.	1.9	31
859	Study of the magnetic ordering temperature and of the magnetic structure of the â€œgreen phaseâ€• Y2BaCuO5 by 57Fe MÃ¶ssbauer spectroscopy. Solid State Communications, 1990, 74, 1339-1345.	1.9	21
860	Specific heat and magnetic ordering in CUO single crystals. Thermochimica Acta, 1990, 160, 43-48.	2.7	9
861	Antiferromagnetic transitions in high-Tcmaterials. Journal of Physics Condensed Matter, 1990, 2, 7979-7984.	1.8	20
862	Magnetic properties of a quasi-two-dimensional Heisenberg antiferromagnetic model. Journal of Physics Condensed Matter, 1990, 2, 6007-6012.	1.8	12
863	Role of domain walls in the ground-state properties of the spin-1/2XXZHamiltonian in the linear chain. Physical Review B, 1990, 41, 6788-6793.	3.2	28

#	Article	IF	Citations
864	Long-range antiferromagnetic ordering inBi2CuO4. Physical Review B, 1990, 42, 4255-4262.	3.2	60
865	Spin correlations in the two-dimensionalS=1Heisenberg antiferromagnet. Physical Review B, 1990, 41, 2514-2516.	3.2	27
866	Complex magnetic properties of the rare-earth copper oxides,R2CuO4, observed via measurements of the dc and ac magnetization, EPR, microwave magnetoabsorption, and specific heat. Physical Review B, 1990, 41, 1934-1948.	3.2	149
867	Antiferromagnetism inSr2CuO2Cl2. Physical Review B, 1990, 41, 1926-1933.	3.2	146
868	Magnetic hysteresis in two model spin systems. Physical Review B, 1990, 42, 856-884.	3.2	290
869	Heat capacity of multilayers ofHe3adsorbed on graphite at low millikelvin temperatures. Physical Review B, 1990, 41, 1842-1862.	3.2	264
870	F19NMR studies inABF4-type layered antiferromagnets. Physical Review B, 1990, 42, 7803-7809.	3.2	1
871	Magnetism and superconductivity in dopedLa2CuO4. Physical Review B, 1990, 41, 2605-2608.	3.2	34
872	Theory of surface spin waves in metamagnets. Physical Review B, 1990, 42, 4304-4310.	3.2	12
873	Crystal-structure, magnetic-susceptibility, and EPR studies of bis(piperidinium)tetrabromocuprate(II): A novel monomer system showing spin diffusion. Physical Review B, 1990, 41, 1657-1663.	3.2	95
874	Magnetic susceptibilities, specific heat, and crystal structure of fourS=3/2, three-dimensional antiferromagnets. Physical Review B, 1990, 42, 665-674.	3.2	4
875	Three-dimensional magnetic properties of Bi2CuO4. Journal of Physics Condensed Matter, 1990, 2, 6989-6998.	1.8	28
876	Magnetic susceptibility studies of LiNiO2and NaNiO2. Journal of Physics Condensed Matter, 1990, 2, 6699-6704.	1.8	45
877	Spin Dynamics in the Paramagnetic Regime: NMR and EPR in Two-Dimensional Magnets. Physics and Chemistry of Materials With Low-dimensional Structures, 1990, , 323-378.	1.0	27
878	Thermal Behaviour and Room Temperature Crystal Structure of a Bidimensional Complex Salt of 4-Aminocinnamic Acid and Cadmium Chloride. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 188, 261-271.	0.3	6
879	Crystal structure and magnetism of Co(HPO3)â‹…H2O: A novel layered compound of Co(II). Journal of Applied Physics, 1990, 67, 5998-6000.	2.5	7
880	Evidence for intrinsic and extrinsic semiconducting properties of lutetium diphthalocyanine thin films. Synthetic Metals, 1990, 38, 121-126.	3.9	12
881	Application Of High- and Low-Temperature Series Expansions to Two-Dimensional Magnetic Systems. Physics and Chemistry of Materials With Low-dimensional Structures, 1990, , 105-190.	1.0	42

#	Article	IF	Citations
882	Oneâ€dimensional magnetic materials with dominant nextâ€nearestâ€neighbor interactions. Journal of Applied Physics, 1990, 67, 5613-5615.	2.5	8
883	Magnetic and structural properties of Mn(SCN)2(CH3OH)2: A quasi-two-dimensional Heisenberg antiferromagnet. Physical Review B, 1990, 41, 9074-9086.	3.2	39
884	Domainâ€wall excitations in the spinâ€(1)/(2)XXZlinear chain: A new variational approach. Journal of Applied Physics, 1990, 67, 5607-5609.	2.5	0
885	The high temperature magnetic susceptibility of YBa2Cu3O7â^'â‚. Journal of the Less Common Metals, 1990, 164-165, 1136-1141.	0.8	3
886	The spin-Â½ Heisenberg antiferromagnet on a square lattice and its application to the cuprous oxides. Reviews of Modern Physics, 1991, 63, 1-62.	45.6	1,136
887	ND4FeBr3, a new oneâ€dimensionalS=1 antiferromagnet. Journal of Applied Physics, 1991, 69, 5998-6000.	2.5	8
888	Organic Ferromagnetism and Antiferromagnetism of 4-Methacryloyloxy-2,2,6,6-tetramethylpiperidin-1-oxyl and 4-Acryloyloxy-2,2,6,6-tetramethylpiperidin-1-oxyl. Chemistry Letters, 1991, 20, 2095-2098.	1.3	14
889	Effective critical exponents in two-dimensional systems from conformal field theory. Physica A: Statistical Mechanics and Its Applications, 1991, 174, 283-292.	2.6	0
890	Preparation, resistivity, magnetic properties and specific heat of the 95 K superconductor YBa2Cu3.5O7.5+x (â€œ247â€). Physica C: Superconductivity and Its Applications, 1991, 177, 315-329.	1.2	51
891	Electronic charge transport and magnetism of the system (La1â^'xSrx)2NiO4+Î´. Physica C: Superconductivity and Its Applications, 1991, 183, 1-10.	1.2	42
892	Thermodynamic and magnetic studies of two new high-pressure phases (p(O2)=90 bar) in the system Yî—¸Baî—¸Cuî—¸O. Physica C: Superconductivity and Its Applications, 1991, 185-189, 473-474.	1.2	4
893	Magnetic phase transition and short range order in Nd2BaCuO5. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 157, 306-308.	2.1	23
894	Crystal structure, short range and long range magnetic ordering in CuSb2O6. Journal of Solid State Chemistry, 1991, 91, 105-112.	2.9	58
895	Structural change and magnetic properties of Y2BaNi1â^'xZnxO5 oxides. Journal of Solid State Chemistry, 1991, 93, 461-468.	2.9	44
896	Magnetic specific heat and susceptibility of cupric oxide (CuO) single crystals. Bulletin of Materials Science, 1991, 14, 117-123.	1.7	18
897	Low temperature magnetic properties of the quasi-one- dimensional antiferromagnet tetramethylammonium chromium (II) trichloride. Journal of Magnetism and Magnetic Materials, 1991, 102, 116-120.	2.3	5
898	Normal state magnetism of the high Tc cuprate superconductors. Journal of Magnetism and Magnetic Materials, 1991, 100, 218-240.	2.3	87
899	Electronic states of doped holes and magnetic properties in La2â^'xMxCuO4 (M = Sr, Ba). Physica C: Superconductivity and Its Applications, 1991, 183, 234-240.	1.2	50

#	Article	IF	Citations
900	Supraleitung â€" der Weg zu hohen Sprungtemperaturen. Physica Status Solidi (B): Basic Research, 1991, 166, 439-444.	1.5	0
902	Nuclear Ferromagnetic and Antiferromagnetic Exchange in Thin Films of 3 He Adsorbed on Graphite. Europhysics Letters, 1991, 14, 809-814.	2.0	79
903	Raman study of the incommensurate layer crystal (CH3CH2CH2NH3)2MnCl4(=PAMnC) from 10 to 300 K. Journal of Physics Condensed Matter, 1991, 3, 5085-5097.	1.8	4
904	Magnetic structures and excitations ofCsMnI3: A one-dimensional Heisenberg antiferromagnet with easy-axis anisotropy. Physical Review B, 1991, 43, 679-688.	3.2	57
905	Exchange interactions and magnetic dimension in Cu(L-alanine)2. Physical Review B, 1991, 43, 1074-1083.	3.2	25
906	Quasi-two-dimensional ferromagnetism in polycrystalline Fe. Physical Review B, 1991, 43, 3164-3170.	3.2	20
907	Magnetothermal behavior of the two-dimensional triangular-lattice compoundsRCuO2[R=La, Pr, Nu, Eu, and (La0.2Gd0.8)]. Physical Review B, 1991, 43, 10461-10465.	3.2	18
908	Spin waves and spontaneous magnetization in La2CuO4and YBa2Cu3O6. Journal of Applied Physics, 1991, 69, 4877-4879.	2.5	3
909	Direct observation of the Haldane gap in NENP by far-infrared spectroscopy in high magnetic fields. Physical Review Letters, 1991, 67, 3716-3719.	7.8	98
910	Quasiâ€oneâ€dimensional antiferromagnetism in MnCl2â‹…H2O. Journal of Applied Physics, 1991, 69, 5807-5809	2.5	15
911	Electron-spin resonance in the spin-glass-like systemFe1â^'xGaxSbO4. Physical Review B, 1991, 44, 4455-4460.	3.2	18
912	Scaling hypothesis and nonzero-field critical invariants. Physical Review B, 1991, 43, 3637-3640.	3.2	35
913	Magnetic properties of antiferromagnets with mobile vacancies. Physical Review B, 1991, 43, 12980-12988.	3.2	3
914	Thermochromic phase transitions in two aromatic tetrachlorocuprates. Physica Scripta, 1991, 43, 627-629.	2.5	19
915	Chapter 98 Low-temperature behaviour of cerium compounds. Fundamental Theories of Physics, 1991, 15, 1-59.	0.3	25
916	Weak ferromagnetism and magnetic interactions in La2NiO4. Journal of Physics Condensed Matter, 1992, 4, 487-496.	1.8	13
917	Magnetic ordering and fluctuations in the S=1/2 square Heisenberg antiferromagnet Cu(DCO2)2.4D2O. Journal of Physics Condensed Matter, 1992, 4, L71-L76.	1.8	19
918	Orthorhombic distortion of Rb2MnCl4in its antiferromagnetic phase. Journal of Physics Condensed Matter, 1992, 4, 2281-2295.	1.8	9

#	Article	IF	Citations
919	Thermodynamics of alternating (s,sâ€™) chains in the nearest-neighbor Ising-model approximation. Physical Review B, 1992, 46, 6240-6250.	3.2	10
920	Finite-chain approach to the study ofCsNiCl3. Physical Review B, 1992, 45, 5035-5036.	3.2	8
921	Thermodynamics of ferrimagnetic double chains withz-znearest-neighbor interactions. Physical Review B, 1992, 46, 3527-3534.	3.2	13
922	Magnetic properties and critical behavior of quasi-two-dimensional systems [C6H5(CH2)nNH3]2CuBr4withn=1, 2, and 3. Physical Review B, 1992, 45, 12365-12376.	3.2	39
923	Magnetic interactions, weak ferromagnetism, and field-induced transitions inNd2NiO4. Physical Review B, 1992, 45, 2830-2843.	3.2	27
924	Nanometer-sized structures and the transition from the molecular to the solid state. Physical Review B, 1992, 46, 10366-10375.	3.2	58
925	Weak ferromagnetism in Î²-(ET)2Cu[N(CN)2]Cl, where (ET) is bis(ethylenedithio)tetrathiafulvalene. Physical Review Letters, 1992, 69, 840-843.	7.8	153
926	Could in-plane exchange anisotropy induce the observed antiferromagnetic transitions in the undoped high-Tcmaterials?. Physical Review Letters, 1992, 68, 1927-1930.	7.8	52
927	Observation of nuclear ferromagnetic ordering in silver at negative nanokelvin temperatures. Physical Review Letters, 1992, 68, 365-368.	7.8	37
928	Low-temperature magnetic measurements of anS=1 linear-chain Heisenberg antiferromagnet. Physical Review B, 1992, 46, 8655-8658.	3.2	41
929	Antiferromagnetic Heisenberg-Ising ring in the presence of a magnetic flux: Relevance of domain-wall dynamics. Physical Review B, 1992, 45, 5339-5346.	3.2	9
930	Low-temperature properties of layered Heisenberg ferromagnets. Physical Review B, 1992, 46, 8614-8616.	3.2	12
931	High-energy spin waves in the linear-chain antiferromagnetKFeS2. Physical Review B, 1992, 45, 12319-12325.	3.2	15
933	Quasi-one-dimensional magnetic properties of the (In;Sc;Lu;Y)2Cu2O5oxides. Journal of Physics Condensed Matter, 1992, 4, 6267-6274.	1.8	14
934	Dimensional crossover in ultrathin Ni(111) films on W(110). Physical Review Letters, 1992, 68, 1208-1211.	7.8	293
935	Magnetic structures of MnPO4Â·D2O and MnAsO4Â·D2O from time-of-flight neutron powder diffraction data. Journal of Materials Chemistry, 1992, 2, 501-505.	6.7	15
936	Spin, exchange, and anisotropy in the covalent-chain antiferromagnetTlFeS2. Physical Review B, 1992, 45, 9806-9818.	3.2	21
937	Specific Heat of CsNiCl₃: Renormalization Group Approach. Physica Status Solidi (B): Basic Research, 1992, 169, K87.	1.5	0

#	Article	IF	Citations
938	Nuclear ferromagnetic ordering in silver at negative nanokelvin temperatures. Journal of Low Temperature Physics, 1992, 89, 177-186.	1.4	12
939	Field-induced transitions in the two-dimensional antiferromagnets K2CoF4 and K2MnF4 in ultrahigh magnetic fields up to 150 T. Physica B: Condensed Matter, 1992, 177, 373-376.	2.7	6
940	Theory of acoustic resonance of Ising magnets. Physica B: Condensed Matter, 1992, 182, 71-78.	2.7	2
941	Magnetic excitations in quasi one-dimensional antiferromagnets. Physica B: Condensed Matter, 1992, 180-181, 153-157.	2.7	16
942	Monte Carlo study of the local pair superconductor. Physica C: Superconductivity and Its Applications, 1992, 199, 403-413.	1.2	6
943	Magnetic properties of the CanFe2Tinâ^'2O3nâ^'1 perovskite related series: An EPR study. Journal of Solid State Chemistry, 1992, 98, 25-32.	2.9	11
944	Synthesis, structure, and magnetic properties of the layered bismuth transition metal oxide solid solution Bi2Fe4â^'xGaxO9. Journal of Solid State Chemistry, 1992, 99, 120-133.	2.9	39
946	Magnetism in the layered transition-metal thiophosphatesMPS3(M=Mn, Fe, and Ni). Physical Review B, 1992, 46, 5425-5433.	3.2	312
947	Magnetic properties of two new low-dimensional copper-halide systems. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 831-832.	2.3	1
948	Heat-capacity measurement of R2BaNiO5 (R = Y, Ho, Er) oxides. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 619-620.	2.3	10
949	Study of the magnetic transitions in Y2BaCuO5 and Y2Cu2O5 by specific heat and MÃ¶ssbauer measurements. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 621-622.	2.3	7
950	Crystal-field effect on magnetic ordering temperature of collinear antiferromagnet. Journal of Magnetism and Magnetic Materials, 1992, 111, 301-305.	2.3	5
951	Magnetic and thermal properties of CeCu. Journal of Magnetism and Magnetic Materials, 1992, 109, 349-352.	2.3	5
952	One-dimensional antiferromagnetic ordering for a novel nickel-antimony oxide. Materials Research Bulletin, 1992, 27, 1041-1047.	5.2	10
953	Atomistic modeling of materials properties by Monte Carlo Simulation. Advanced Materials, 1992, 4, 540-547.	21.0	10
954	Searching for spontaneous magnetic order in an organic ferromagnet. Î¼SR studies of Î²-phase p-NPNN. Chemical Physics Letters, 1993, 206, 405-408.	2.6	74
955	Spectral and magnetic studies of nickelates Lu2BaNiO5 and Yb2BaNiO5. Solid State Communications, 1993, 85, 743-748.	1.9	6
956	Phase transitions in regularly diluted 2D Ising models with a complicated inherent structure of a lattice cell. Physica A: Statistical Mechanics and Its Applications, 1993, 197, 323-351.	2.6	4

#	Article	IF	Citations
957	Transport, structuralm and magnetic properties of the single-copper-oxygen layer Bi2Sr2â^'xLaxCuOy system. Physica C: Superconductivity and Its Applications, 1993, 216, 417-431.	1.2	22
958	Specific heat of an YBa2Cu3O7 single crystal in fields up to 20 T. Physica C: Superconductivity and Its Applications, 1993, 211, 304-318.	1.2	54
959	Monte Carlo study of the NMR properties of the quasi-2D Heisenberg antiferromagnet doped with real space pairs. Physica C: Superconductivity and Its Applications, 1993, 211, 93-112.	1.2	2
960	Magnetic susceptibility of the two-dimensional Cu2+ complex. Journal of Materials Science, 1993, 28, 1289-1292.	3.7	0
961	Effect of interlayer coupling in layered Heisenberg ferromagnets. Journal of Magnetism and Magnetic Materials, 1993, 127, 64-70.	2.3	6
962	Single crystal susceptibility measurements of a one-dimensional Ising ferromagnet, FeTAB. Journal of Magnetism and Magnetic Materials, 1993, 119, 353-361.	2.3	1
963	Thermal study and crystal structure of a perovskite-type unsaturated molecular composite: Propargylamine and cadmium chloride complex salt. Journal of Physics and Chemistry of Solids, 1993, 54, 349-356.	4.0	10
964	One-dimensional antiferromagnetic cycloheptatrienyl molybdenum and tungsten compounds. Journal of the Chemical Society Dalton Transactions, 1993, , 2215.	1.1	9
965	Structure and magnetic properties of Sr2FeO4and Sr3Fe2O7studied by powder neutron diffraction and MÃ¶ssbauer spectroscopy. Journal of Materials Chemistry, 1993, 3, 1231-1237.	6.7	94
966	Phase transitions and magnetic properties of an organic conductor (BEDT-TTF)6Cu2Br6 with mixed valence Cu ions. Synthetic Metals, 1993, 56, 2191-2197.	3.9	9
967	Magnetization and universal sub-critical behaviour in two-dimensional XY magnets. Journal of Physics Condensed Matter, 1993, 5, L53-L59.	1.8	197
968	Electronic structure, itinerant magnetism and orbital ordering of K2NiF4-type compounds. Journal of Physics Condensed Matter, 1993, 5, 2987-3002.	1.8	20
969	Rare-earth energy levels and magnetic properties of HoPO4and ErPO4. Journal of Physics Condensed Matter, 1993, 5, 5121-5140.	1.8	29
970	One-Dimensional Heisenberg Antiferromagnet with Spin S = 3/2. Experiments on AgCrP ₂ S ₆. Europhysics Letters, 1993, 21, 623-628.	2.0	16
971	Effect of interlayer coupling in a layered antiferromagnet. Journal of Physics Condensed Matter, 1993, 5, 1203-1212.	1.8	7
972	Magnetic susceptibility in the normal state: A tool to optimizeTcwithin a given superconducting oxide system. Physical Review B, 1993, 48, 9747-9753.	3.2	33
973	Magnetic phase transitions inCocMg1â^'cCl2and stage-2CocMg1â^'cCl2graphite intercalation compounds. Physical Review B, 1993, 47, 845-855.	3.2	7
974	Universality in twoâ€dimensional magnetic systems. Journal of Applied Physics, 1993, 73, 6096-6098.	2.5	52

#	Article	IF	Citations
975	Antiferromagnetism of Ni(SCN)2. Journal of Applied Physics, 1993, 73, 5386-5388.	2.5	7
976	Muon-spin-rotation measurements in infinite-layer and infinite-chain cuprate antiferromagnets:Ca0.86Sr0.14CuO2andSr2CuO3. Physical Review B, 1993, 48, 12926-12935.	3.2	103
977	Finite-size scaling inFeF2/ZnF2superlattices. Physical Review B, 1993, 48, 8365-8375.	3.2	42
978	Nuclear antiferromagnetism in rhodium metal at positive and negative nanokelvin temperatures. Physical Review Letters, 1993, 70, 2818-2821.	7.8	34
979	High-precision Monte Carlo study of the two-dimensionalXYVillain model. Physical Review B, 1993, 48, 7419-7433.	3.2	48
980	Crystal and magnetic structures of RbMnF4and KMnF4investigated by neutron powder diffraction: the relationship between structure and magnetic properties in the Mn3+layered perovskites AMnF4(A=Na,) Tj ETQq1 1 0.784314 rgBT /O	1.8	19
981	Zero-point fluctuation in quasi one-dimensional antiferromagnets: theory and experiment. Journal of Physics Condensed Matter, 1993, 5, 3643-3652.	1.8	21
982	Nuclear magnetic ordering in silver at positive and negative spin temperatures. Physica Scripta, 1993, T49A, 327-332.	2.5	2
983	Magnetic resonance of twoâ€dimensional Heisenberg antiferromagnets with nonmagnetic impurities. Journal of Applied Physics, 1993, 73, 7010-7011.	2.5	4
984	Antiferromagnetic Long-Range Ordering of Organic Free Radicals Under High Pressure. Molecular Crystals and Liquid Crystals, 1993, 233, 97-104.	0.3	11
985	Anisotropic Specific Heat of CoNb2O6in Magnetic Fields. Journal of the Physical Society of Japan, 1994, 63, 2706-2715.	1.6	39
986	Magnetic Phase Transitions in Inverse Trirutile-Type Compounds. Journal of the Physical Society of Japan, 1994, 63, 1666-1669.	1.6	16
987	Spin waves and temperature-dependent behaviour of the quasi-two-dimensional antiferromagnet KFeF4. Journal of Physics Condensed Matter, 1994, 6, 6667-6678.	1.8	7
988	Spin waves in the spin-flop phase of RbMnF3. Journal of Physics Condensed Matter, 1994, 6, 10341-10355.	1.8	1
989	ANISOTROPY AND INTERLAYER COUPLING IN THE HIGH T_c CUPRATES. , 1994, , 61-188.		52
990	Magnetism and exchange in the layered antiferromagnet NiPS3. Journal of Physics Condensed Matter, 1994, 6, 4569-4579.	1.8	24
991	The low-field remanent magnetization of the disordered antiferromagnets K2Fe1-xInxCl5.H2O and K2Fe(Cl1-xBrx)5.H2O. Journal of Physics Condensed Matter, 1994, 6, 5725-5740.	1.8	13
992	The critical region of the random-bond Ising model. Journal of Physics Condensed Matter, 1994, 6, 8295-8308.	1.8	20

#	Article	IF	Citations
993	Thermodynamics of alternating quantum-classical (S,1/2)Nchains withZ-Z-type couplings and local anisotropy on classical spins. Physical Review B, 1994, 49, 1146-1157.	3.2	8
994	Neutron-scattering study of the two-dimensional frustrated antiferromagnetRb2Cu0.12Co0.88F4. Physical Review B, 1994, 49, 8911-8919.	3.2	8
995	Structural and magnetic properties ofCuCl2graphite intercalation compounds. Physical Review B, 1994, 50, 9188-9199.	3.2	15
996	Low-temperature magnetic and thermal properties of CePdSb. Physical Review B, 1994, 49, 15179-15183.	3.2	33
997	Theory of the magnetic properties of an infinite classical spin-chain showing axial anisotropic couplings: Low-temperature behavior. Physical Review B, 1994, 49, 12839-12847.	3.2	4
998	Heisenberg antiferromagnet and theXYmodel atT=0 in three dimensions. Physical Review B, 1994, 50, 3877-3893.	3.2	32
999	Magnetic properties and electronic conduction of superconductingLa2â^'xSrxCuO4. Physical Review B, 1994, 49, 16000-16008.	3.2	204
1000	Critical exponents at the ferromagnetic phase transition ofFe100â^'xPtxsingle crystals. Physical Review B, 1994, 50, 9331-9338.	3.2	15
1001	Exact solution for an infinite classical spin chain showing axial anisotropic couplings. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 184, 310-314.	2.1	2
1002	Magnetic phase transitions in the chain nickelates R2BaNiO5 (R = Sm, Eu, Tm) by optical spectroscopy. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 189, 109-113.	2.1	18
1003	The 1/D expansion for low-dimensional classical magnets. Journal of Statistical Physics, 1994, 74, 275-311.	1.2	12
1004	Study of optical and transport properties of K2CuCl4 Â· 2H2O single crystal. Crystal Research and Technology, 1994, 29, 577-582.	1.3	5
1005	EPR and magnetic measurements of BaCuO2+. Physica B: Condensed Matter, 1994, 193, 1-9.	2.7	12
1006	Thermodynamics of alternating quantum chains with z-z type couplings and local uniaxial anisotropy on quantum spins Sâ€². Physica B: Condensed Matter, 1994, 203, 87-94.	2.7	0
1007	Critical behavior of the two-dimensional Ising model with random bonds. Physics Reports, 1994, 237, 129-188.	25.6	111
1008	Low dimensional magnetism in R2Cu2O5 compounds. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 189, 103-108.	2.1	9
1009	Magnetic anisotropy and phase transitions of (100) EuTe/PbTe superlattices and (100) EuTe film. Solid State Communications, 1994, 92, 473-476.	1.9	5
1010	Structural and magnetic properties of Me2[Fe(CN)6] compounds, where Me are 3d transition metals. Journal of Magnetism and Magnetic Materials, 1994, 138, 281-286.	2.3	8

#	Article	IF	Citations
1011	Ferromagnetism in the insulating cuprate La 4 Ba 2 Cu 2 O 10. Journal of Magnetism and Magnetic Materials, 1994, 135, 319-325.	2.3	11
1012	Critical temperature and parallel susceptibility of layered Heisenberg systems. Journal of Magnetism and Magnetic Materials, 1994, 137, 343-349.	2.3	9
1013	Magnetism, exchange and crystal field parameters in the orbitally unquenched Ising antiferromagnet FePS3. Pramana - Journal of Physics, 1994, 43, 21-31.	1.8	17
1014	Magnetic studies on synthetic phosphoferrite Fe 3 2+ (H2O)3(PO4)2. Hyperfine Interactions, 1994, 83, 191-197.	0.5	1
1015	MÃ¶ssbauer and susceptibility studies of FeMoVO7. Hyperfine Interactions, 1994, 83, 199-201.	0.5	0
1016	Magnetic ordering in Fe-doped Gd2BaCuO5. Hyperfine Interactions, 1994, 83, 419-424.	0.5	4
1017	The natural and synthetic tavorite minerals: Crystal chemistry and magnetic properties. Materials Letters, 1994, 18, 327-330.	2.6	19
1018	Strongly Geometrically Frustrated Magnets. Annual Review of Materials Research, 1994, 24, 453-480.	5.5	1,410
1019	Spin=1/2 XY magnetic ordering of Nd/sup 3+/ ions in NdGaO/sub 3/. IEEE Transactions on Magnetics, 1994, 30, 960-962.	2.1	19
1020	Molecular and crystal structure of 9-[Î±-(9H-fluoren-9-ylidene)-4-chlorobenzyl]-9H-fluoren-9-yl; an organic antiferromagnet with TN= 3.25 K. Journal of the Chemical Society Perkin Transactions II, 1994, , 203-207.	0.9	3
1021	The linear magnetoelectric effect in LiCoPO₄Revisited. Ferroelectrics, 1994, 161, 147-164.	0.6	106
1022	Remanent magnetization in diluted low-anisotropy antiferromagnets at very low magnetic fields: new phenomena with universal behavior. Physica Scripta, 1994, T55, 163-166.	2.5	7
1023	Spin-Polarized Spectroscopies. , 1994, , 123-176.		0
1024	Molecular and Crystal Structures of Complexes of Stable Free Radical BDPA with Benzene and Acetone. Bulletin of the Chemical Society of Japan, 1994, 67, 31-38.	3.2	28
1025	Static and dynamic properties of the order-disorder phase transition in KSCN and related crystals. Phase Transitions, 1994, 51, 1-66.	1.3	28
1026	Magnetic and spectroscopic properties of a series of linear homo- and heterotrinuclear metal compounds with asymmetric 3,4-disubstituted 1,2,4-triazoles as ligands. Inorganica Chimica Acta, 1995, 239, 5-12.	2.4	41
1027	The structure and EPR properties of (CH2OHCH2NH3)2CuCl4. Journal of Chemical Crystallography, 1995, 25, 537-542.	1.1	3
1028	Spontaneous nuclear ferromagnetic ordering of in nuclei in AuIn2 Part I. Nuclear specific heat and nuclear susceptibility. Journal of Low Temperature Physics, 1995, 100, 253-279.	1.4	21

#	Article	IF	Citations
1029	Susceptibility and relaxation measurements on rhodium metal at positive and negative spin temperatures in the nanokelvin range. Journal of Low Temperature Physics, 1995, 98, 449-487.	1.4	10
1030	Structural and magnetic phase transitions in bis-(alkyl ammonium) manganese tetrachlorides (CnH2n+1NH3)2MnCl4 withIn = 5, 7, and 9. Physica Status Solidi A, 1995, 149, 697-710.	1.7	18
1032	Spinâ€Wave Theory on Quasiâ€Oneâ€Dimensional Heisenberg Antiferromagnets. Physica Status Solidi (B): Basic Research, 1995, 191, 495-501.	1.5	3
1033	Spin-wave theory of layered Heisenberg ferrimagnets. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 205, 335-339.	2.1	16
1034	Magneto-structural correlations in fluoromanganates(III). Journal of Fluorine Chemistry, 1995, 72, 171-176.	1.7	18
1035	Magnetic specific heat analysis of Cu(C2H8N2)2Ni(CN)4: A quasi-two-dimensional heisenberg antiferromagnet. Solid State Communications, 1995, 94, 833-835.	1.9	34
1036	Experimental studies of one-dimensional quantum spin systems. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1595-1598.	2.3	22
1037	Muon-spin-rotation measurements in the â€˜infinite-chainâ€™ Ca2CuO3. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1641-1642.	2.3	11
1038	Magnetic ordering and low magnetic moment in the quasi-1d antiferromagnet Na2TiCl4. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1667-1668.	2.3	4
1039	Transition from quasi one dimensional to spin glass behaviour in insulating FexGa1â^'xMgBO4. Journal of Magnetism and Magnetic Materials, 1995, 151, 305-313.	2.3	2
1040	Comparison between the magnetic specific heat of NdBa2Cu3O x and DyBa2Cu3O x. European Physical Journal B, 1995, 96, 455-464.	1.5	20
1041	Neutron scattering study of the two-dimensional spinS=1/2 square-lattice Heisenberg antiferromagnet Sr2CuO2Cl2. European Physical Journal B, 1995, 96, 465-477.	1.5	161
1042	Preparation and Magnetic Susceptibility of Cs2CuF4and Rb2CuF4. Journal of the Physical Society of Japan, 1995, 64, 2701-2702.	1.6	16
1043	Phase stability and low-temperature specific heat up to 14 T ofBaCuOxas a function of oxygen stoichiometry. Physical Review B, 1995, 52, 12833-12843.	3.2	6
1044	Ferromagnetic coupling in nonmetallicCu2+compounds. Physical Review B, 1995, 52, 313-323.	3.2	40
1045	Raman study of one-dimensional spin fluctuations in the spin-1 Heisenberg-chain compoundY2BaNiO5: Contrast with simple expectations. Physical Review B, 1995, 51, 3021-3026.	3.2	10
1046	Suppression of the metal-to-insulator transition inBaVS3with pressure. Physical Review B, 1995, 51, 2037-2044.	3.2	49
1047	Electronic and magnetic structure ofKNiF3perovskite. Physical Review B, 1995, 52, 2381-2389.	3.2	79

#	Article	IF	Citations
1048	Spontaneous Nuclear Ferromagnetic Ordering of In Nuclei in AuIn2. Physical Review Letters, 1995, 74, 1665-1668.	7.8	34
1049	Magnetic ordering ofNd3+ions in the high-temperature superconductorNbBa2Cu3â^'xGaxO7â^'y(0<xâ‰0.5) Tj ETQq1 1 0.784314 rg	3.2	16
1050	Magnetic interactions and the cooperative Jahn-Teller effect inKCuF3. Physical Review B, 1995, 52, 10150-10159.	3.2	83
1051	The exchange interactions and magnetic behaviour of Cu(L-alanine)2: specific heat measurements. Journal of Physics Condensed Matter, 1995, 7, 9595-9606.	1.8	15
1052	NMR investigation of Mn(hfac)2NITiPr: evidence of nonlinear excitations in a one-dimensional ferrimagnet. Molecular Physics, 1995, 85, 1073-1088.	1.7	7
1053	Universality of phase transitions at solid surfaces. Phase Transitions, 1995, 53, 165-196.	1.3	3
1054	Magnetic structures of the three-dimensional Heisenberg antiferromagnets K2FeCl5.D2O and Rb2FeCl5.D2O. Journal of Physics Condensed Matter, 1995, 7, 4725-4738.	1.8	24
1055	Dimensionality crossovers in the magnetization of the weakly ferromagnetic two-dimensional manganese alkylphosphonate hydrates MnCnH2n+1PO3.H2O, n=2-4. Journal of Physics Condensed Matter, 1995, 7, L109-L113.	1.8	16
1056	Superexchange interaction in K2NiF4: an ab initio Hartree-Fock study. Journal of Physics Condensed Matter, 1995, 7, 7997-8007.	1.8	26
1057	Competition between Spin-Peierls Phase and Three-Dimensional Antiferromagnetic Order in CuGe _{1- x} Si _x O ₃. Europhysics Letters, 1995, 30, 475-480.	2.0	134
1058	Two-dimensional nuclear magnets. Advances in Physics, 1995, 44, 113-186.	14.4	119
1059	1H-NMR study of magnetic anomaly in (BEDT-TTF)3CuBr4. Synthetic Metals, 1995, 70, 967-968.	3.9	10
1060	Solâ€"gel synthesis of the magnetically frustrated oxides Sr2FeSbO6and SrLaFeSnO6. Journal of Materials Chemistry, 1995, 5, 75-78.	6.7	35
1061	Chapter 1 Path-integral quantum Monte Carlo studies of the vibrational properties of crystals. Dynamical Properties of Solids, 1995, 7, 1-77.	0.0	0
1062	Conducting Layered Organic-inorganic Halides Containing <110>-Oriented Perovskite Sheets. Science, 1995, 267, 1473-1476.	12.6	718
1063	Magnetic susceptibility and low-temperature structure of the linear chain cuprateSr2CuO3. Physical Review B, 1995, 51, 5994-6001.	3.2	176
1064	Synthesis, Crystal Structure, and Optical and Thermal Properties of (C4H9NH3)2MI4(M = Ge, Sn, Pb). Chemistry of Materials, 1996, 8, 791-800.	6.7	504
1065	Ferromagnetic Spin Ordering Along Intermolecular Hydrogen Bonds of a Hydroquinone Derivative Carrying a Nitronyl Nitroxide. Molecular Crystals and Liquid Crystals, 1996, 279, 139-144.	0.3	10

#	Article	IF	Citations
1066	Ferrimagnetic Mixed-Valency and Mixed-Metal Tris(oxalato)iron(III) Compounds:Â Synthesis, Structure, and Magnetism. Inorganic Chemistry, 1996, 35, 1201-1206.	4.0	518
1067	A Two-Dimensional Manganese(II) Carboxylato Polymer. Structure, Magnetism, and EPR Study. Inorganic Chemistry, 1996, 35, 7655-7660.	4.0	118
1068	Synthesis, Structure, and Magnetic Properties of the New Layered Compound HNiPO4Â·H2O. Study of Alkylamine Intercalated Compounds. Chemistry of Materials, 1996, 8, 1052-1060.	6.7	31
1069	Synthesis, crystal structure and spectroscopic properties of the NH4NiPO4Â·nH2O (n= 1,6) compounds; magnetic behaviour of the monohydrated phase. Journal of Materials Chemistry, 1996, 6, 421-427.	6.7	45
1070	Syntheses, Structural Analyses, and Unusual Magnetic Properties of Ba2CoSi2O7 and BaCo2Si2O7. Inorganic Chemistry, 1996, 35, 3492-3497.	4.0	49
1071	The magnetic structures of the mixed layer pnictide oxide compounds Sr2Mn3Pn2O2 (Pn = As, Sb). Journal of Alloys and Compounds, 1996, 237, 9-19.	5.5	38
1072	Synthesis and Crystal Structure of the Alkylbismuth Diiodides:Â A Family of Extended One-Dimensional Organometallic Compounds. Inorganic Chemistry, 1996, 35, 7614-7619.	4.0	26
1073	The magnetism of nickel monolayers. Applied Physics A: Materials Science and Processing, 1996, 62, 417-427.	2.3	118
1074	Ligand-stabilized metal clusters and colloids: properties and applications. Journal of the Chemical Society Dalton Transactions, 1996, , 589.	1.1	138
1075	Critical behavior of the uniaxial ferromagnetic monolayer Fe(110) on W(110). Physical Review B, 1996, 54, 15224-15233.	3.2	94
1076	Singlet Ground State and Excitation Gap in the Double Spin Chain System KCuCl3. Journal of the Physical Society of Japan, 1996, 65, 1945-1948.	1.6	53
1077	Synthesis, Structures and Magnetic Properties of a Family of One-Dimensional Oxides. Materials Research Society Symposia Proceedings, 1996, 453, 379.	0.1	1
1078	Nuclear magnetism of PrIn3. European Physical Journal D, 1996, 46, 2209-2210.	0.4	7
1079	Monte Carlo study of magnetic properties of a Cu1 â˜’ cNic(pc) I spin chain. Journal of Magnetism and Magnetic Materials, 1996, 152, 139-151.	2.3	3
1080	Long range ferromagnetism in tunable cobalt(II) layered compounds up to 25 Ã... apart. Journal of Magnetism and Magnetic Materials, 1996, 154, L7-L11.	2.3	57
1081	The 1/D expansion for classical magnets: Low-dimensional models with magnetic field. Journal of Statistical Physics, 1996, 83, 907-931.	1.2	7
1082	Planar rotator system in two dimensions with long-range interactions. Journal of Magnetism and Magnetic Materials, 1996, 162, 225-229.	2.3	1
1083	Spectroscopic and Transport Properties of (NH4)2CuCl4 Â· 2 H2O Single Crystal. Crystal Research and Technology, 1996, 31, 385-389.	1.3	8

#	Article	IF	Citations
1084	Magnetic behavior of the layered perovskite ferromagnet (p-cyanoanilinium+)2CuCl4â^' under hydrostatic pressure. Chemical Physics Letters, 1996, 249, 201-204.	2.6	19
1085	X-band electron paramagnetic resonance of a quasi-bidimensional molecular composite [NH3î—¸(CH2)4î—¸NH3]CuCl4. Solid State Communications, 1996, 97, 669-674.	1.9	5
1086	Magnetic properties of copper chloride hydroxide hydrate Cu3Cl4(OH)2Â·2H2O. Solid State Communications, 1996, 98, 571-573.	1.9	4
1087	Magnon-vortex interaction in a two-dimensional XY antiferromagnet. Solid State Communications, 1996, 99, 789-791.	1.9	3
1088	Effect of metal ions on the dielectric properties of layer structure perovskites. Physica B: Condensed Matter, 1996, 217, 133-142.	2.7	9
1089	Electric and magnetic investigations of the new layered compound bis(DL-alaninium) tetrachlorocuperate. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 221, 253-260.	2.1	5
1090	Spin susceptibility of La2?xSrxCuO4; Modification of localized character of Cu 3d-Electrons at x?0.15. Journal of Low Temperature Physics, 1996, 105, 395-400.	1.4	6
1091	Magnetic Properties of Organic Conductor (BEDT-TTF)3CuBr4. Journal of the Physical Society of Japan, 1996, 65, 2645-2654.	1.6	22
1092	Computer simulation studies of phase transitions and low-dimensional magnets. Phase Transitions, 1996, 57, 105-137.	1.3	3
1093	Calorimetric Study of Several Cuprates with Restricted Dimensionality. Journal of the Physical Society of Japan, 1996, 65, 2998-3006.	1.6	30
1094	Intercalation of Functional Organic Molecules Into Copper(II) Magnetic Materials. Molecular Crystals and Liquid Crystals, 1996, 286, 1-8.	0.3	7
1095	Surfaceâ€embeddability approach to the dynamics of the inhomogeneous Heisenberg spin chain. Journal of Mathematical Physics, 1996, 37, 3651-3661.	1.1	11
1096	Instability of planar vortices in layered ferromagnets with nonmagnetic impurities. Physical Review B, 1996, 53, 11317-11319.	3.2	19
1097	Phase transition of the dissipative one-dimensional Ising model. Physical Review B, 1996, 53, 12220-12224.	3.2	1
1098	Two-dimensional solitons in the classical Heisenberg antiferromagnet with nonmagnetic impurities. Journal of Applied Physics, 1996, 79, 5368.	2.5	7
1099	Theory of magnon-hole interaction for the anisotropict-Jmodel. Physical Review B, 1996, 54, 10046-10053.	3.2	1
1100	Magnetic phase transitions in perovskite-type anilinium-based tetrachlorocuprates. Journal of Applied Physics, 1996, 79, 4715.	2.5	5
1101	Effect of spin-system fluctuations on heat transport inRbMnF3close to the NÃ©el temperature. Physical Review B, 1996, 54, 4087-4092.	3.2	23

#	Article	IF	Citations
1102	Ground state of an antiferromagnetic Heisenberg spin system on a nontranslational lattice of dimension between one and two. Physical Review B, 1996, 54, 395-401.	3.2	10
1103	Muon-spin-relaxation studies of magnetic order in heavily dopedLa2â^'xSrxNiO4+Î´. Physical Review B, 1996, 53, R14725-R14728.	3.2	18
1104	Thermal expansion of CePdSb near the ferromagnetic transition. Physical Review B, 1996, 54, 4189-4193.	3.2	12
1105	Magnetic and melting transitions of oxygen monolayers and multilayers physisorped on exfoliated graphite. Physical Review B, 1996, 54, 4146-4154.	3.2	23
1106	Specific heat below 1 mK and the electric-field gradient in indium. Physical Review B, 1996, 54, 427-432.	3.2	2
1107	Exchange integral and the charge gap of the linear-chain cuprateSr2CuO3. Physical Review B, 1996, 53, 11328-11331.	3.2	8
1108	Magnetic Properties of 1,5-Dimethylverdazyl Radical Crystals. Finding of New Organic Ferromagnet, p-CDTV. Molecular Crystals and Liquid Crystals, 1996, 279, 195-208.	0.3	6
1109	Calorimetric Study on Metal-Insulator Transition of Quasi-One-Dimensional BaVS3. Journal of the Physical Society of Japan, 1996, 65, 3460-3463.	1.6	42
1110	Temperature-Dependent Raman Study of Ethylammonium Chloride. The Journal of Physical Chemistry, 1996, 100, 888-890.	2.9	11
1111	Magnetic Properties of 1,5-Dimethylverdazyl Radical Crystals. Ferromagnetism in 3-(4-Chlorophenyl)-1,5-dimethyl-6-thioxoverdazyl Radical Crystal. The Journal of Physical Chemistry, 1996, 100, 9658-9663.	2.9	44
1112	Magnetic excitations and quantum fluctuation in the covalent-chain antiferromagnet TlFeS 2. Europhysics Letters, 1996, 34, 293-298.	2.0	5
1113	Magnetic behaviour of the antiferromagnet. Journal of Physics Condensed Matter, 1997, 9, 2295-2302.	1.8	9
1114	Inducing a magnetic ordering in the Haldane material Ni() by magnetic field. Journal of Physics Condensed Matter, 1997, 9, L83-L88.	1.8	35
1115	Magnetic phase transition in a random field. Europhysics Letters, 1997, 38, 153-158.	2.0	0
1116	Logarithmic corrections in the two-dimensional XY model. Physical Review B, 1997, 55, 3580-3584.	3.2	47
1117	Stacking of the square-lattice antiferromagnetic planes inCa2CuO2Cl2. Physical Review B, 1997, 56, 8351-8359.	3.2	18
1118	Absence of collective effects in Heisenberg systems with localized magnetic moments. Physical Review B, 1997, 56, 5069-5072.	3.2	50
1119	Magnetism in one dimension:â€ƒFe on Cu(111). Physical Review B, 1997, 56, 2340-2343.	3.2	248

#	Article	IF	Citations
1120	Lattice- and spin-dimensionality crossovers in a linear-chain-molecule-based ferrimagnet with weak spin anisotropy. Physical Review B, 1997, 56, 315-320.	3.2	35
1121	Nuclear magnetic ordering in simple metals at positive and negative nanokelvin temperatures. Reviews of Modern Physics, 1997, 69, 1-136.	45.6	151
1122	Ab initio theoretical comparative study of magnetic coupling inKNiF3sandK2NiF4s. Physical Review B, 1997, 55, 4129-4137.	3.2	102
1123	Crystal structure and magnetic properties of the organic antiferromagnet (C1TET-TTF)2Br. Physical Review B, 1997, 55, 3649-3655.	3.2	13
1124	Magnetic ordering of the antiferromagnetCu2MnSnS4from magnetization and neutron-scattering measurements. Physical Review B, 1997, 56, 5424-5431.	3.2	76
1125	Critical properties of gapped spin-chains and ladders in a magnetic field. Physical Review B, 1997, 55, 5816-5826.	3.2	198
1126	Electric investigations of new Cu(II) dimers. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1997, 75, 167-174.	0.6	1
1127	Exchange Interactions in Nitroxide Biradicals. Molecular Crystals and Liquid Crystals, 1997, 305, 455-478.	0.3	21
1128	Chapter 1 Normal-state magnetic properties of single-layer cuprate high-temperature superconductors and related materials. Handbook of Magnetic Materials, 1997, 10, 1-237.	0.6	26
1129	Submillimeter Wave ESR Measurements of CsMnBr3. Journal of the Physical Society of Japan, 1997, 66, 4017-4026.	1.6	5
1130	Molecular Magnets Based on Organic Charge Transfer Complexes. Bulletin of the Chemical Society of Japan, 1997, 70, 2005-2023.	3.2	61
1131	Mossbauer investigation of some layered Fe(II)Cl compounds. Journal of Applied Physics, 1997, 81, 4134-4136.	2.5	11
1132	Magnetism in BaCoS2. Journal of Applied Physics, 1997, 81, 4620-4622.	2.5	16
1133	A quantum mechanical investigation of the electronic and magnetic properties of perovskite. Journal of Physics Condensed Matter, 1997, 9, 489-498.	1.8	31
1134	Crystal Structures and Magnetic Properties of a Novel Layer Perovskite System:Â (3-Picoliniumylammonium)CuX4(X = Cl, Br). Inorganic Chemistry, 1997, 36, 3102-3107.	4.0	69
1135	Regular versus alternating(FeS4)nchains:â€ƒMagnetism inKFeS2andCsFeS2. Physical Review B, 1997, 56, 7812-7814.	3.2	16
1136	Specific heat below 1k some examples in magnetism. Phase Transitions, 1997, 64, 57-86.	1.3	13
1137	Neutron diffraction study of the influence of structural disorder on the magnetic properties of Sr2FeMO6 (M=Ta, Sb). Journal of Materials Chemistry, 1997, 7, 459-463.	6.7	76

#	Article	IF	Citations
1138	Structural, electronic and magnetic properties of KMF3(M=Mn, Fe, Co, Ni). Faraday Discussions, 1997, 106, 173-187.	3.2	64
1139	Antiferromagnetic Exchange Interactions from Hybrid Density Functional Theory. Physical Review Letters, 1997, 79, 1539-1542.	7.8	264
1140	Hydrogen-Bonded Organic Ferromagnet. Journal of the American Chemical Society, 1997, 119, 4369-4379.	13.7	172
1141	Preparation and Properties of (C4H9NH3)2EuI4:Â A Luminescent Organicâ^'Inorganic Perovskite with a Divalent Rare-Earth Metal Halide Framework. Chemistry of Materials, 1997, 9, 2990-2995.	6.7	73
1142	Low-field remanent magnetization inRb2FeCl5â‹…H2O and in its site-diluted solid solutionsRb2Fe1â^'xInxCl5â‹…H2O(x=0.04, 0.08, 0.15, and 0.35). Physical Review B, 1997, 56, 3196-3203.	3.2	21
1143	Exact nonlinear spin waves in some models of interacting classical spins on a one-dimensional lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 237, 73-79.	2.1	5
1144	Quadrupole effects in the NMR spectra of 27Al in disordered mixed compounds CaREAlO4 (RE=La, Pr,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	0
1145	Hierarchies of perovskite-like crystals (Review). Physics of the Solid State, 1997, 39, 695-715.	0.6	55
1146	Transition from quasi-one-dimensional to spin-glass behaviour in insulating FeMg2BO5. Journal of Magnetism and Magnetic Materials, 1997, 173, 117-125.	2.3	20
1147	Probing magnetic order in heavily doped La2-xSrxNiO4+delta with Î¼SR. , 1997, 104, 55-60.		1
1148	Spin state and exchange in the quasi-one-dimensional antiferromagnet KFeS2. Pramana - Journal of Physics, 1997, 48, 1123-1134.	1.8	4
1149	Thermodynamics of alternating quantum-classical spin chains with Zî—¸Z-type couplings and/or cations randomly distributed. Physica B: Condensed Matter, 1997, 233, 43-59.	2.7	2
1150	Elastic and quasielastic neutron scattering study of the square lattice antiferromagnet Sr2CuO2Cl2. Physica C: Superconductivity and Its Applications, 1997, 274, 331-341.	1.2	14
1151	The Structures and Characterization of Two New Oxides of the Sr4PtO6 Type: NaCa3IrO6 and NaCa3RuO6. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1997, 623, 1131-1134.	1.2	47
1152	Potentiality of an ac calorimetric method in the study of phase transitions. Thermochimica Acta, 1997, 304-305, 27-34.	2.7	12
1153	Single crystal magnetic susceptibility of the quasi-one-dimensional antiferromagnet KFeS2. Solid State Communications, 1997, 101, 449-452.	1.9	8
1154	Synthesis, Crystal Structure, and Magnetic Properties of Sr3MgMO6(M=Pt, Ir, Rh). Journal of Solid State Chemistry, 1997, 130, 35-41.	2.9	34
1155	Changes in Magnetic Couplings after Chimie Douce Reactions: Magnetic Structures of LiMnXO4(OD) (X=P, As). Journal of Solid State Chemistry, 1997, 132, 202-212.	2.9	18

#	Article	IF	Citations
1156	1H NMR study of the spin dynamics in layered perovskite paramagnets [Rî—¸NH3]2CuCl4 (R = C6H5,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.6	1
1157	Observation of weak ferromagnetism in organic verdazyl radical crystal, p-CyDpTV. Chemical Physics Letters, 1997, 272, 501-505.	2.6	12
1158	Electronic structure of Î±-MnS (alabandite): an ab initio study. Chemical Physics Letters, 1997, 273, 83-90.	2.6	37
1159	Molecular magnets. Coordination Chemistry Reviews, 1998, 178-180, 1533-1553.	18.8	136
1160	X-ray diffraction and EPR studies of binuclear complex [CuCl(C6H9N3O3)2Â·H2O]2Cl2 crystals. Inorganica Chimica Acta, 1998, 269, 326-331.	2.4	7
1161	Synthesis, structure and magnetic properties of one-dimensional azide-bridged manganese(III) uniform chain complex Mn(salpn)N3. Inorganica Chimica Acta, 1998, 271, 99-104.	2.4	38
1162	Nanometerâ€sized molecular complexes. , 1998, 113, 357-367.		4
1163	A High-Resolution Thermometer for the Range 1.6 to 5 K. Journal of Low Temperature Physics, 1998, 111, 49-71.	1.4	18
1164	Instability and Self-Modulation of the Classical Heisenberg Ferromagnet. Journal of Low Temperature Physics, 1998, 113, 1135-1140.	1.4	2
1165	Ferromagnetic resonance of ultrathin metallic layers. Reports on Progress in Physics, 1998, 61, 755-826.	20.1	787
1166	Effect of doping on the magnetic properties of the low-dimensional antiferromagnet CuO. Physics of the Solid State, 1998, 40, 1702-1705.	0.6	42
1167	Magnetic susceptibility anisotropy and low-dimensional antiferromagnetism of CuO. Journal of Experimental and Theoretical Physics, 1998, 86, 559-564.	0.9	11
1168	Magnetic and structural phase transitions of physisorbed oxygen layers. Journal of Physics and Chemistry of Solids, 1998, 59, 467-485.	4.0	13
1169	Magnetic susceptibility of Ni(OH)2 monolayer nanoclusters. Journal of Magnetism and Magnetic Materials, 1998, 189, 62-68.	2.3	0
1170	1â€“370 GHz EPR Linewidths for K3CrO8: A Comprehensive Test for the Andersonâ€“Weiss Model. Journal of Magnetic Resonance, 1998, 135, 178-184.	2.1	21
1171	Studies on Magnetic Properties of MnTi1â^'xNbxO3System. Journal of Solid State Chemistry, 1998, 136, 115-119.	2.9	5
1172	Structure and Magnetism in CrTa2O6: A Trirutile Oxide Based on Cr2+. Journal of Solid State Chemistry, 1998, 140, 7-13.	2.9	27
1173	Exchange interaction as studied by EPR in a two-dimensional molecular composite [NH3î—¸(CH2)4î—¸NH3]MnCl4. Solid State Communications, 1998, 106, 385-389.	1.9	15

#	Article	IF	Citations
1174	Thermodynamics of the 2D-Heisenberg classical square lattice. Physica B: Condensed Matter, 1998, 254, 298-321.	2.7	42
1175	Trimethylammonium Nickel(II) Chloride Dihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 1998, 54, 764-766.	0.4	2
1176	High-resolution spectroscopy of rare earth cuprates and nickelates. Journal of Alloys and Compounds, 1998, 275-277, 142-147.	5.5	25
1177	A NOVEL ORGANICâ€"INORGANIC COMPLEX WITH A ONE-DIMENSIONAL HELICAL ANION CHAIN: CRYSTAL STRUCTURE AND THERMAL STUDY OF TRIS(4-BROMO-BENZENAMMONIUM) PENTACHLOROCADMATE [(Br[sbnd]C6H4NH3)3CdCl5]. Journal of Coordination Chemistry, 1998, 46, 33-41.	2.2	3
1178	Generalized calculation of magnetic coupling constants for Mott-Hubbard insulators: Application to ferromagnetic Cr compounds. Physical Review B, 1998, 57, 7755-7766.	3.2	27
1179	Synthesis, Structure, and Magnetic Properties of a Novel Mixed-Valent Strontium Rhodium Oxide. Chemistry of Materials, 1998, 10, 2320-2322.	6.7	28
1180	Observation of Spontaneous Magnetization in the Layered Perovskite Ferromagnet, (p-Chloroanilinium)2CuBr4. Inorganic Chemistry, 1998, 37, 2129-2133.	4.0	36
1181	The specific heat of - a quasi-one-dimensional Ising ferromagnet. Journal of Physics Condensed Matter, 1998, 10, 1125-1130.	1.8	6
1182	Magnetic and specific heat studies of the cation-ordered pyrochloreNH4CoAlF6. Physical Review B, 1998, 58, 5550-5553.	3.2	13
1183	Magnetic coupling in ionic solids studied by density functional theory. Journal of Chemical Physics, 1998, 108, 2519-2527.	3.0	131
1184	One-dimensional antiferromagnetism in fluoro-gallium phthalocyanine-(BF4)0.25. Physical Review B, 1998, 57, 8501-8508.	3.2	4
1185	Long-range antiferromagnetic order in quasi-one-dimensionalCa0.83CuO2andSr0.73CuO2. Physical Review B, 1998, 58, 14452-14455.	3.2	22
1186	Magnetic Field versus Temperature Phase Diagram of a Quasi-One-DimensionalS=1Heisenberg Antiferromagnet. Physical Review Letters, 1998, 81, 2566-2569.	7.8	127
1187	Density of Zeros on the Lee-Yang Circle Obtained from Magnetization Data of a Two-Dimensional Ising Ferromagnet. Physical Review Letters, 1998, 81, 5644-5647.	7.8	52
1188	Thermodynamics of the two-dimensional Heisenberg classical honeycomb lattice. Physical Review B, 1998, 58, 11465-11483.	3.2	34
1189	Lattice boson systems with a finite maximum number of bosons in a site. Physical Review B, 1998, 57, 116-119.	3.2	0
1190	Magnetic measurements on the III-VI diluted magnetic semiconductor Ga1â^'xMnxSe. Journal of Applied Physics, 1998, 83, 6557-6559.	2.5	40
1191	Feasibility of measuring surface electron spin dynamics by inelastic scattering of metastable helium atoms. Physical Review B, 1998, 58, 7391-7402.	3.2	4

#	Article	IF	Citations
1192	Finite-temperature behavior of anisotropic two-sublattice magnets. Journal of Applied Physics, 1998, 83, 6724-6726.	2.5	44
1193	Synthesis and Characterization of New Composite Oxides Related to the 2H-Perovskite Structure Type. Materials Research Society Symposia Proceedings, 1998, 547, 183.	0.1	0
1194	Magnetic Properties of a Quantum Ferrimagnet: NiCu(pba)(D2O)3Â·2D2O. Journal of the Physical Society of Japan, 1998, 67, 2209-2211.	1.6	77
1195	STRUCTURAL CHEMISTRY AND JAHN-TELLER EFFECT IN FLUOROMANGANATES(III). Reviews in Inorganic Chemistry, 1999, 19, 117-183.	4.1	33
1196	Anisotropic Spin Freezing in theS=1/2Zigzag Chain CompoundSrCuO2. Physical Review Letters, 1999, 83, 5370-5373.	7.8	49
1197	Local character of magnetic coupling in ionic solids. Physical Review B, 1999, 59, R6593-R6596.	3.2	117
1198	Temperature and doping-level dependence of magnetic order inLa2â^'xSrxNiO4+Î´studied by muon spin rotation. Physical Review B, 1999, 59, 3775-3782.	3.2	28
1199	Ab initiostudy of magnetic interactions inKCuF3andK2CuF4low-dimensional systems. Physical Review B, 1999, 60, 5179-5185.	3.2	35
1200	Phase diagrams of the site-diluted spin-12Ising superlattice. Physical Review B, 1999, 60, 4149-4157.	3.2	23
1201	Antiferromagnetic mean-field model with unusual precritical exponents. Physical Review B, 1999, 60, 11887-11890.	3.2	1
1202	Electron-phonon coupling in charge-transfer and crystal-field states of Jahn-TellerCuCl64â^'systems. Physical Review B, 1999, 60, 9423-9429.	3.2	74
1203	Magnetic and electronic characterization of quasi-one-dimensionalLa3RuO7. Physical Review B, 1999, 60, 9573-9578.	3.2	57
1204	Several Kinds of Aminoxyl Radicals and their Metal Ion Complexes. Molecular Crystals and Liquid Crystals, 1999, 334, 477-486.	0.3	10
1205	Magnetic properties of Cu(L-aspartato)(H2O)2:â€ƒA linear chain antiferromagnet. Physical Review B, 1999, 60, 1197-1203.	3.2	14
1206	Ferrimagnetic and metamagnetic layered cobalt (II)â€“hydroxides: first observation of a coercive field greater than 5 T. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 3041-3061.	3.4	66
1207	Rare-earth-containing planar magnetic materials formed using Langmuirâ€“Blodgett technique. Materials Science and Engineering C, 1999, 8-9, 299-308.	7.3	9
1208	Exchange interactions in the genuine organic ferromagnet accompanying pressure-induced ferro- to antiferromagnetic transition. Chemical Physics Letters, 1999, 308, 181-186.	2.6	16
1209	Crystal growth of low-dimensional oxides related to the 2-H perovskite structure in K2CO3 fluxes. Journal of Crystal Growth, 1999, 204, 122-127.	1.5	31

#	Article	IF	Citations
1210	Hydrothermal synthesis and structural, spectroscopic, and magnetic studies of the NH2Mn(AsO4)Â·H2O arsenate type dittmarite. Materials Research Bulletin, 1999, 34, 1545-1555.	5.2	2
1211	Influence of allotropic modifications of sulphur on the cell voltage in Mgâ€“CuI(S) seawater activated battery. Materials Chemistry and Physics, 1999, 59, 42-48.	4.0	26
1212	Magnetic properties of the solid solution (Y1âˆ’xGdx)2BaCuO5 (0â©½xâ©½1). Journal of Magnetism and Magnetic Materials, 1999, 205, 215-220.	2.3	3
1213	Dimetallic complexes derived from a novel dinucleating chelating symmetric triazole ligand; crystal structure, magnetic properties and ESR study of bis[Î¼-3,5-diacetylamino-1,2,4-triazolato-Oâ€Šâ€²,Nâ€Š1,Nâ€Š2,Oâ€Šâ€³]bis[(nitrato)(aqua)copper(II)]â€Šâ€¡. Journal of the Chemical Society Dalton Transactions, 1999, , 4269-4276.	1.1	42
1214	Hard Magnets Based on Layered Cobalt Hydroxide:â€‰ The Importance of Dipolar Interaction for Long-Range Magnetic Ordering. Chemistry of Materials, 1999, 11, 3370-3378.	6.7	128
1215	Behaviour of the one-dimensional, inorganic polymer 1âˆž[MPS4]âˆ’ anions (M=Ni, Pd) in organic solutions. Journal of Materials Chemistry, 1999, 9, 143-153.	6.7	16
1216	Î±-[NH3(CH2)5NH3]SnI4: a new layered perovskite structure. Chemical Communications, 1999, , 1833-1834.	4.1	43
1217	Ferrimagnetism in dicarboxylateâ€bridged cobalt hydroxide layers. Journal of Materials Chemistry, 1999, 9, 2595-2598.	6.7	58
1218	A Monte Carlo analysis of spin dynamics and MÃ¶ssbauer relaxation in 2ÂĐ magnetically diluted iron oxides. Journal of Materials Chemistry, 1999, 9, 2851-2858.	6.7	3
1219	Low dimensional magnetism of M(VOPO4)2Â·4H2O layered compounds: the 2D ferromagnet Cd(VOPO4)2Â·4H2O and the 2D antiferromagnet Mg1âˆ’xZnx(VOPO4)2Â·4H2O with xâ‰ˆ0.28. Journal of Materials Chemistry, 1999, 9, 1029-1032.	6.7	7
1220	A quantum mechanical periodic ab initio approach to materials science: the CRYSTAL program. Solid State Sciences, 1999, 1, 147-155.	0.7	8
1221	Controllable magnetic properties of layered copper hydroxides, Cu2(OH)3X (X=carboxylates). Applied Clay Science, 1999, 15, 281-303.	5.2	35
1222	Perfect cellular disorder in a two-dimensional system: Si cells on the 3C-SiC(001) surface. Surface Science, 1999, 421, L143-L149.	1.9	13
1223	Dipolar order and disorder phenomena in pure CO and dilute (CO)1âˆ’x(Ar)x mixtures physisorbed on graphite. Surface Science, 1999, 441, 65-83.	1.9	9
1224	Tunable Molecular Distortion in a Nickel Complex Coupled to a Reversible Phase Transition in the Crystalline State. Journal of the American Chemical Society, 1999, 121, 2808-2819.	13.7	21
1225	Magnetism in MnPSe3: a layered 3d5antiferromagnet with unusually largeXYanisotropy. Journal of Physics Condensed Matter, 1999, 11, 3563-3570.	1.8	30
1226	Magnetic Excitations in Polyoxometalate Clusters Observed by Inelastic Neutron Scattering:Â Evidence for Anisotropic Ferromagnetic Exchange Interactions in the Tetrameric Cobalt(II) Cluster [Co4(H2O)2(PW9O34)2]10-. Comparison with the Magnetic and Specific Heat Properties. Journal of the American Chemical Society, 1999, 121, 10028-10034.	13.7	98
1227	Calorimetric Studies on Antiferromagnetic and Structural Phase Transitions of the Metal-Assembled Complex MnCu(obbz)Â·5H2O. Bulletin of the Chemical Society of Japan, 1999, 72, 1749-1757.	3.2	10

#	Article	IF	Citations
1228	Phase transition of an S=1 quasi-one-dimensional Heisenberg antiferromagnet in applied magnetic fields. Journal of Applied Physics, 1999, 85, 6076-6078.	2.5	1
1229	From ferromagnets to high-spin molecules: the role of the organic ligands. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 3139-3158.	3.4	32
1230	Molecular-based magnets: setting the scene. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 2851-2853.	3.4	12
1231	Quantum size effects in molecular magnets. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 3079-3097.	3.4	8
1232	Low-Temperature Heat Capacities and Ferromagnetic Phase Transition of the Organic Free Radical Ferromagnet, 4-(4-Chlorobenzylideneamino)-2,2,6,6-tetramethylpiperidin-1-oxyl (CATMP). Bulletin of the Chemical Society of Japan, 2000, 73, 67-71.	3.2	14
1233	Calorimetric and Magnetic Studies on a Ferromagnetic Phase Transition of the Metal-Assembled Complex MnCu(obbz)Â·H2O. Bulletin of the Chemical Society of Japan, 2000, 73, 885-893.	3.2	4
1234	Structure Determination of Ba8CoRh6O21, a New Member of the 2H-Perovskite Related Oxides. Materials Research Society Symposia Proceedings, 2000, 658, 141.	0.1	0
1235	CRYSTAL and EMBED, two computational tools for the ab initio study of electronic properties of crystals. International Journal of Quantum Chemistry, 2000, 77, 1032-1048.	2.0	46
1236	Analysis of the Spin Exchange Interactions in the Extended Magnetic Solids K2NiF4, K2CuF4, La2CuO4, Nd2CuO4, KNiF3, and KCuF3. Journal of Solid State Chemistry, 2000, 151, 96-101.	2.9	28
1237	MÃ¶ssbauer and electric studies of phase transitions of a layered system. Solid State Communications, 2000, 117, 69-74.	1.9	2
1238	Spin resonance of conduction electrons and EPR of localized moments in a low-dimensional organic conductor [Pd(dddt)2]Ag1.5Br3.5. Physics of the Solid State, 2000, 42, 350-355.	0.6	6
1239	One-dimensional magnetic interaction in BaMn2Si2O7. Solid State Communications, 2000, 114, 113-116.	1.9	9
1240	Magnetic susceptibility and dielectric behavior of (C12H14NH3)2FexCd1â^'xCl4. Journal of Magnetism and Magnetic Materials, 2000, 208, 37-43.	2.3	0
1241	Tetrahedral Clusters of Copper(II): Crystal Structures and Magnetic Properties of Cu2Te2O5X2(X = Cl,) Tj ETQq1 1 0.784314 rgBT /Over	6.7	173
1242	TWO-BRANCH ENERGY OF MAGNETIC SURFACES AND CONNECTION WITH ANHOLONOMY. International Journal of Modern Physics B, 2000, 14, 2083-2091.	2.0	0
1243	Weak ferromagnetism and spin-glass behaviour of then= 3 Ruddlesden-Popper compound Ca4Mn3O10: a dc magnetization study. Journal of Physics Condensed Matter, 2000, 12, 2505-2524.	1.8	28
1244	Ab initiostudy ofMF2(M=Mn,Fe,Co,Ni)rutile-type compounds using the periodic unrestricted Hartree-Fock approach. Physical Review B, 2000, 62, 7816-7823.	3.2	46
1245	Magnetic ordering in two-dimensional Heisenberg antiferromagnets with variable interlayer distances. Physical Review B, 2000, 62, 95-98.	3.2	20

#	Article	IF	Citations
1246	Magnetic properties of palladium-graphite multilayers. Physical Review B, 2000, 62, 14171-14180.	3.2	14
1247	NiCl2â‹…H2O: A quasi-one-dimensional Heisenberg antiferromagnet. Journal of Applied Physics, 2000, 87, 6052-6054.	2.5	6
1248	Ising-like antiferromagnetism inCa9La5Cu24O41. Physical Review B, 2000, 62, R3592-R3595.	3.2	22
1249	Glassiness and canted antiferromagnetism in three geometrically frustrated triangular quantum Heisenberg antiferromagnets with additional Dzyaloshinskii-Moriya interaction. Physical Review B, 2000, 61, 4117-4130.	3.2	43
1250	Noncollinear antiferromagnetic structure of the molecule-based magnetMn[N(CN)2]2. Physical Review B, 2000, 62, 5576-5588.	3.2	103
1251	Spin-order-dependent Raman scattering inRuSr2GdCu2O8. Physical Review B, 2000, 61, 15468-15473.	3.2	23
1252	Magnetic order and weak ferromagnetic transition in Gd2CuO4. Journal of Applied Physics, 2000, 87, 5911-5913.	2.5	4
1253	Magnetic localization in transition-metal nanowires. Physical Review B, 2000, 62, 3900-3904.	3.2	146
1254	Weak ferromagnetism in manganese tartrate dihydrate MnC4H4O6Â·2H2O. Journal of Physics Condensed Matter, 2000, 12, 2071-2078.	1.8	5
1255	Calorimetry of Low-Dimensional Magnets. Molecular Crystals and Liquid Crystals, 2000, 342, 185-192.	0.3	6
1256	Structural analysis and magnetic properties of the 2-D compounds [M(N3)2(bpa)]n (Mâ€…=â€…Mn, Co or Ni;) Tj ETQq0 0 0 rgBT /Overl	2.3	55
1257	Hydrothermal synthesis, structure, stability and magnetism of Na2Co2(C2O4)3(H2O)2: a new metal oxalate ladderâ€Šâ€. Dalton Transactions RSC, 2000, , 3566-3569.	2.3	64
1258	Spin Frustration in MII[C(CN)3]2(M = V, Cr). A Magnetism and Neutron Diffraction Study. Inorganic Chemistry, 2000, 39, 1135-1141.	4.0	99
1259	Heat Capacities of the S = 1/2 Two-Dimensional Heisenberg Antiferromagnet Bis(2-amino-5-chloropyridinium) Tetrabromocuprate(II) [(5CAP)2CuBr4] and Its Diamagnetic Analogue [(5CAP)2ZnBr4]. Journal of Physical Chemistry B, 2000, 104, 9993-10000.	2.6	53
1260	Pressure-Induced Superconductivity in Quasi-2DCeRhIn5. Physical Review Letters, 2000, 84, 4986-4989.	7.8	836
1261	Three-Dimensional Manganese(II) Coordination Polymers Based on m-Pyridinecarboxylates:â€‰ Synthesis, X-ray Structures, and Magnetic Properties. Inorganic Chemistry, 2000, 39, 4169-4173.	4.0	41
1262	NMR and Neutron Scattering Studies of Quasi One-Dimensional Magnet CuV2O6. Journal of the Physical Society of Japan, 2000, 69, 2660-2668.	1.6	21
1263	A XANES study of the Cu K-edge in A2CuCl4perovskite layers under pressure. Influence of antiferrodistortive structure. High Pressure Research, 2000, 18, 165-171.	1.2	0

#	Article	IF	Citations
1264	The Effect of Interlayer Cations on the Magnetic Properties of the Mixed-Metal Pnictide Oxides:Â A2MnZn2As2O2(A = Sr, Ba). Chemistry of Materials, 2001, 13, 973-980.	6.7	23
1265	A2[MX4] Copper(II) Pyridinium Salts. From Ionic Liquids to Layered Solids to Liquid Crystals. Chemistry of Materials, 2001, 13, 2032-2041.	6.7	101
1266	Synthesis and Properties of Î³-Fe2O3Nanoclusters within Mesoporous Aluminosilicate Matrices. Journal of Physical Chemistry B, 2001, 105, 7414-7423.	2.6	105
1267	Templating and structural engineering in organicâ€“inorganic perovskites. Dalton Transactions RSC, 2001, , 1-12.	2.3	794
1268	Magnetic Systems: Specific Heat. , 2001, , 4986-4993.		2
1269	Localized spin flop transition in a ladder structure with nonmagnetic impurities. Journal of Applied Physics, 2001, 89, 7198-7200.	2.5	4
1270	Magnetic Polyoxometalates:Â Anisotropic Antiferro- and Ferromagnetic Exchange Interactions in the Pentameric Cobalt(II) Cluster [Co3W(D2O)2(CoW9O34)2]12-. A Magnetic and Inelastic Neutron Scattering Study. Inorganic Chemistry, 2001, 40, 1943-1950.	4.0	60
1271	One-Dimensional Magnetism: An Overview of the Models. , 0, , 1-47.		14
1272	Enhancement of antiferromagnetic coupling in the quasi-one-dimensionalCa3Co2O6ferrimagnet. Physical Review B, 2001, 64, .	3.2	46
1273	A Monte Carlo analysis of spin dynamics and MÃ¶ssbauer relaxation in 3-D magnetically diluted iron oxides. Journal of Materials Chemistry, 2001, 11, 456-463.	6.7	6
1274	Magnetic Ordering due to Dipolar Interaction in Low Dimensional Materials. , 0, , 233-270.		3
1275	Thermodynamical Analysis of the Magnetic Phase Diagrams of Ce Systems. Journal of the Physical Society of Japan, 2001, 70, 2139-2150.	1.6	11
1276	Growth of Sr6Rh5O15 Single Crystals from High-Temperature Solutions:â€‰ Structure Determination Using the Traditional 3-D and the 4-D Superspace Group Methods and Magnetic Measurements on Oriented Single Crystals. Journal of the American Chemical Society, 2001, 123, 8790-8796.	13.7	49
1277	Multiconfigurational Perturbation Theory:Â An Efficient Tool to Predict Magnetic Coupling Parameters in Biradicals, Molecular Complexes, and Ionic Insulators. Journal of Physical Chemistry A, 2001, 105, 11371-11378.	2.5	129
1278	Low-Field Remanent Magnetization in the Weak Ferromagnet Mn[N(CN)2]2. Evidence for Spin-Flop Behavior. Chemistry of Materials, 2001, 13, 1068-1073.	6.7	88
1279	Observation of a Large Magnetic Anisotropy in the New 2H-Perovskite Related Oxide Ba8CoRh6O21:Â Magnetic Measurements on Aligned Single Crystals. Inorganic Chemistry, 2001, 40, 5152-5156.	4.0	26
1280	Long-Range Magnetic Order in Mn[N(CN)2]2(pyz) {pyz = pyrazine}. Susceptibility, Magnetization, Specific Heat, and Neutron Diffraction Measurements and Electronic Structure Calculations. Journal of the American Chemical Society, 2001, 123, 162-172.	13.7	164
1281	Magnetism of Earth, Planetary, and Environmental Nanomaterials. Reviews in Mineralogy and Geochemistry, 2001, 44, 217-292.	4.8	27

#	Article	IF	Citations
1282	Synthesis and crystal structure of new organic-based layered perovskites with 2,2â€²-biimidazolium cations. Journal of Materials Chemistry, 2001, 11, 479-482.	6.7	68
1283	7. Magnetism of Earth, Planetary, and Environmental Nanomaterials. , 2001, , 217-292.		10
1284	Bulk Magnetic Materials: Low-dimensional Systems. , 2001, , 856-864.		2
1285	Intercalation-Induced Magnetization in MPS3 Layered Compounds. , 0, , 397-423.		5
1286	Haldane Quantum Spin Chains. , 0, , 49-93.		6
1287	Hydrogen-bonded benzimidazole-based tert-butylnitroxides. Polyhedron, 2001, 20, 1465-1473.	2.2	24
1288	Persuading singlet ground states to order. Polyhedron, 2001, 20, 1735-1740.	2.2	0
1289	Properties of spin-1/2 antiferromagnetic Heisenberg chain with dimerization and exchange anisotropy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 287, 397-402.	2.1	5
1290	Study of the magnetic phase transition in a cyanide-bridged molecule-based material: [Mn(cyclam)][Fe(CN)6]Â·3H2O (cyclam=1,4,8,11-tetraazacyclotetradecane). Physica B: Condensed Matter, 2001, 305, 56-64.	2.7	22
1292	Structure, Magnetic Properties and Magnetic Phase Diagram of a Layered, Bimetallic, Cyanide-Bridged CrIII-NiII Metamagnet. European Journal of Inorganic Chemistry, 2001, 2001, 1287-1293.	2.0	67
1294	Hydrothermal Synthesis, X-Ray Structure and Complex Magnetic Behaviour of Ba4(C2O4)Cl2[{Fe(C2O4)(OH)}4]. Chemistry - A European Journal, 2001, 7, 200-208.	3.3	42
1295	Hydrothermal Synthesis, Structure, and Magnetism of [Co2(OH){1,2,3-(O2C)3C6H3}(H2O)]â‹…H2O and [Co2(OH){1,2,3-(O2C)3C6H3}]: Magnetic1D-Chains with Mixed Cobalt Geometries. Angewandte Chemie - International Edition, 2001, 40, 1920-1923.	13.8	186
1296	Impurities in Magnetic Insulators Studied by Low-Temperature Nuclear Orientation. Hyperfine Interactions, 2001, 136/137, 415-419.	0.5	0
1297	Superconductivity and magnetism in a new class of heavy-fermion materials. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 5-10.	2.3	129
1298	Calculation of the interface exchange coupling constants between Fe and FeF2-like fluorides. Journal of Magnetism and Magnetic Materials, 2001, 234, 19-24.	2.3	5
1299	Pressure-Induced Transition of the Interlayer Exchange Interaction from Ferromagnetic to Antiferromagnetic Observed in the Two-Dimensional Ferromagnet (CH3NH3)2CuCl4through Magnetic Susceptibility and Neutron Scattering Measurements. Journal of the Physical Society of Japan, 2001, 70, 1390-1396.	1.6	9
1300	9.12.3.5 References for 9.12.3. , 0, , 328-348.		0
1301	Chapter 200 Heat capacity. Fundamental Theories of Physics, 2001, , 351-390.	0.3	0

#	Article	IF	Citations
1302	Specific Heat of the Spin-1/2 Antiferromagnetic Heisenberg Chain. Chinese Physics Letters, 2001, 18, 1261-1263.	3.3	3
1303	Antiferromagnetism and Frustration in Ba2CuWO6. Journal of the Physical Society of Japan, 2001, 70, 337-340.	1.6	14
1304	Yang-Lee edge singularities determined from experimental high-field magnetization data. Journal of Physics Condensed Matter, 2001, 13, L811-L817.	1.8	15
1305	Magnetic properties of complex oxides LiMO2(M = Scâ€“Ni) with different types of cationic ordering. Russian Chemical Reviews, 2001, 70, 777-790.	6.5	14
1306	Field-induced long-range ordering in anS=1quasi-one-dimensional Heisenberg antiferromagnet. Physical Review B, 2001, 63, .	3.2	45
1307	Ferromagnetic correlations and mixed Ru valence in the magnetic superconductorRuSr2(Eu,Gd)Cu2O8. Physical Review B, 2001, 63, .	3.2	103
1308	Raman spectroscopy ofRuSr2GdCu2O8thin films. Physical Review B, 2001, 63, .	3.2	12
1309	Magnetic properties of the site-diluted spin-1 Ising superlattice. Physical Review B, 2001, 63, .	3.2	11
1310	9.12.4.1 Static critical behaviour. , 0, , 349-402.		0
1311	Influence of cluster shape upon its growth in a two-dimensional Ising model. Journal of Chemical Physics, 2002, 117, 4542-4549.	3.0	6
1312	Frustrated three-dimensional quantum spin liquid in CuHpCl. Physical Review B, 2002, 65, .	3.2	60
1313	Effectivet-Jmodel Hamiltonian parameters of monolayered cuprate superconductors fromab initioelectronic structure calculations. Physical Review B, 2002, 65, .	3.2	50
1314	Magnetic ordering in the charge-orderedNb12O29. Physical Review B, 2002, 65, .	3.2	14
1315	Magnetic properties and critical behavior of the pure and diluted two-dimensional weak ferromagnet (CH[sub 3]NH[sub 3])[sub 2]Mn[sub 1â^'x]Cd[sub x]Cl[sub 4]. Journal of Applied Physics, 2002, 91, 8249.	2.5	8
1316	Magnetic structures and reorientation transitions in noncentrosymmetric uniaxial antiferromagnets. Physical Review B, 2002, 66, .	3.2	202
1317	Long-time tails and anomalous slowing down in the relaxation of spatially inhomogeneous excitations in quantum spin chains. Physical Review B, 2002, 66, .	3.2	8
1318	Impurity-induced antiferromagnetic order in the Haldane-gap compoundPbNi2â^'xMgxV2O8(x=0.24). Physical Review B, 2002, 66, .	3.2	21
1319	Heat Capacity and Antiferromagnetic Phase Transition of the Organic Free Radical Magnet, 2-tert-Butylaminoxylbenzimidazole (BABI). Journal of Physical Chemistry B, 2002, 106, 8615-8620.	2.6	15

#	Article	IF	Citations
1320	Estimation of Ï€d-Interactions in Organic Conductors Including Magnetic Anions. Journal of the Physical Society of Japan, 2002, 71, 826-844.	1.6	160
1321	A Molecular Quantum Description of Spin Alignments in Molecule-Based Ferrimagnets:Â Numerical Calculations of Thermodynamic Propertiesâ€. Journal of Physical Chemistry A, 2002, 106, 2096-2103.	2.5	20
1322	A Soluble Equivalent of the Supramolecular, Quasi-One-Dimensional, Semiconducting Magnus' Green Salt. Chemistry of Materials, 2002, 14, 1730-1735.	6.7	47
1323	Low-Temperature Heat Capacity and One-Dimensional Ferromagnetic Behavior of the Organic Free Radical 4-Benzylideneamino-2,2,6,6-tetramethylpiperidin-1-oxyl (BATMP). Journal of Physical Chemistry B, 2002, 106, 6390-6394.	2.6	9
1324	Strongly Isolated Ferromagnetic Layers in Poly-trans-Î¼-dichloro- and Poly-trans-Î¼-dibromobis(1-(2-chloroethyl)-tetrazole-N4)copper(II) Complexes. Inorganic Chemistry, 2002, 41, 6468-6473.	4.0	46
1325	Molecular magnets: the prehistory. Notes and Records of the Royal Society, 2002, 56, 95-103.	0.3	22
1326	Structural Distortions of the Metal Dichalcogenide Units in AMo2S4(A = V, Cr, Fe, Co) and Magnetic and Electrical Properties. Chemistry of Materials, 2002, 14, 1201-1209.	6.7	27
1327	Insulating Ferromagnetism inLa4Ba2Cu2O10: AnAb InitioWannier Function Analysis. Physical Review Letters, 2002, 89, 167204.	7.8	137
1328	[Ni(L)(MeCN)][BF4]2Â{L = 2,5,8-trithia[9],(2,9)-1,10-phenanthrolinophane} as a building block for the synthesis of binuclear nickel(ii) complexes: X-ray crystal structure and magnetochemistry of a singly F-bridged nickel(ii) dimer. Dalton Transactions RSC, 2002, , 4389-4394.	2.3	18
1329	Layered metal organosulfides: hydrothermal synthesis, structure and magnetic behaviour of the spin-canted magnet Co(1,2-(O2C)(S)C6H4). Chemical Communications, 2002, , 1050-1051.	4.1	81
1330	Magnetic properties and pressure effects in Ca3Co2O6 ferrimagnet. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 757-759.	2.3	12
1332	[{Fe(OMe)2[O2CC(OH)Ph2]}12]: Synthesis and Characterization of a New Member in the Family of Molecular Ferric Wheels with the Carboxylatobis(alkoxo) Bridging Unit. Angewandte Chemie - International Edition, 2002, 41, 2386-2389.	13.8	63
1333	Domain State Susceptibility in FeCl2/CoPt Heterostructures. Physica Status Solidi A, 2002, 189, 575-583.	1.7	5
1334	Vortex Patterns in Layered Magnets with Nonmagnetic and Magnetic Impurities. Physica Status Solidi A, 2002, 189, 983-987.	1.7	5
1335	Magnetic Properties of the Fluorite-Related La3MO7 Phases, M=Ru and Os. Journal of Solid State Chemistry, 2002, 167, 182-187.	2.9	54
1336	Ferromagnetism in one-dimensional monatomic metal chains. Nature, 2002, 416, 301-304.	27.8	795
1337	Charge ordering and lattice dimerization in Î±â€²-NaV2O5: One or two phase transitions?. Physics of the Solid State, 2002, 44, 1450-1454.	0.6	2
1338	Hexachlorocuprate(II) Anion: Vibration Spectra and Structure. Journal of Structural Chemistry, 2002, 43, 581-586.	1.0	2

#	Article	IF	Citations
1340	Synthesis, X-ray Powder Structure, and Magnetic Properties of Layered NiII Methylphosphonate, [Ni(CH3PO3)(H2O)], and NiII Octadecylphosphonate, [Ni{CH3-(CH2)17-PO3}(H2O)]. Chemistry - A European Journal, 2003, 9, 1324-1331.	3.3	27
1341	Horseshoes, Rings, and Distorted Rings: Studies of Cyclic Chromium-Fluoride Cages. Angewandte Chemie - International Edition, 2003, 42, 5978-5981.	13.8	72
1342	Crystal growth and characterization of the magnetic properties of CuSb2O6. Journal of Crystal Growth, 2003, 247, 457-466.	1.5	24
1343	Structural, thermal and magnetic characterization of the manganese oxyhalide layered perovskite, (MnCl)LaNb2O7. Journal of Solid State Chemistry, 2003, 175, 88-93.	2.9	23
1344	Spin exchange interactions and magnetic structures of extended magnetic solids with localized spins: theoretical descriptions on formal, quantitative and qualitative levels. Journal of Solid State Chemistry, 2003, 176, 417-481.	2.9	277
1345	Molecular hexagonal perovskite: a new type of organicâ€“inorganic hybrid conductor. Journal of Solid State Chemistry, 2003, 176, 243-249.	2.9	15
1346	Theoretical studies on the electronic states of electron-doped copper oxides. Polyhedron, 2003, 22, 2191-2197.	2.2	2
1347	Heat capacity study of the doping effect of paramagnetic impurity in organic spin-Peierls system: p -CyDOV radical crystal. Polyhedron, 2003, 22, 2091-2098.	2.2	5
1348	A complete description of the order parameter of Heisenberg-type magnets for 0<T<Tc. Physica B: Condensed Matter, 2003, 328, 276-282.	2.7	22
1349	Heat capacity of a new S=1/2 antiferromagnet on the Kagomï¿½ lattice. Physica B: Condensed Matter, 2003, 329-333, 1032-1033.	2.7	1
1350	Ferromagnetic monolayers: a fresh look at fundamentals. Physica Status Solidi (B): Basic Research, 2003, 236, 233-239.	1.5	2
1351	Magnetism: General Introduction. , 2003, , 393-419.		14
1352	Nanomagnetics. Journal of Physics Condensed Matter, 2003, 15, R841-R896.	1.8	925
1353	[(CH3)3NCH2CH2NH3]SnI4:Â A Layered Perovskite with Quaternary/Primary Ammonium Dications and Short Interlayer Iodineâ^'Iodine Contacts. Inorganic Chemistry, 2003, 42, 1400-1402.	4.0	67
1354	SnI42--Based Hybrid Perovskites Templated by Multiple Organic Cations:Â Combining Organic Functionalities through Noncovalent Interactions. Chemistry of Materials, 2003, 15, 3632-3637.	6.7	75
1355	Semiconducting Perovskites (2-XC6H4C2H4NH3)2SnI4(X = F, Cl, Br):Â Steric Interaction between the Organic and Inorganic Layers. Inorganic Chemistry, 2003, 42, 2031-2039.	4.0	104
1356	Synthesis and Characterization of a New Layered Ethylene-Diammonium Manganese(II) Phosphate, (C2N2H10)Mn2(PO4)2Â·2H2O. Chemistry of Materials, 2003, 15, 4968-4973.	6.7	26
1357	Insertion of a Two-Dimensional Iron-Chloride Network between Perovskite Blocks. Synthesis and Characterization of the Layered Oxyhalide, (FeCl)LaNb2O7. Chemistry of Materials, 2003, 15, 1480-1485.	6.7	32

#	Article	IF	Citations
1358	Magnetic transitions and ferromagnetic clusters inRuSr2(Eu,Ce)2Cu2O10+Î´. Physical Review B, 2003, 67, .	3.2	30
1359	A Hybrid Metalloarsenate 3D Frameworkâ^'1D Interrupted Metal Oxide. Inorganic Chemistry, 2003, 42, 4160-4164.	4.0	16
1360	Role of dynamical polarization of the ligand-to-metal charge transfer excitations inab initiodetermination of effective exchange parameters. Physical Review B, 2003, 68, .	3.2	31
1362	Linkage isomers of dibromobis(1-(2-methoxyethyl)tetrazole)copper(ii) containing either a bromide or a unique tetrazole bridge. Dalton Transactions, 2003, , 3628.	3.3	46
1363	Specific heat investigation of the magnetic ordering in two frustrated spin-chain oxides: Ca3Co2O6and Ca3CoRhO6. Journal of Physics Condensed Matter, 2003, 15, 5737-5746.	1.8	43
1364	Theoretical calculations of effective exchange integrals by spin projected and unprojected broken-symmetry methods. I. Cluster models of K2NiF4-type solids. Journal of Chemical Physics, 2003, 118, 9747-9761.	3.0	27
1365	Specific heat and magnetization study on single crystals of the frustrated quasi-one-dimensional oxideCa3Co2O6. Physical Review B, 2003, 68, .	3.2	121
1366	Magnetic cluster excitations in the antiferromagnetic phase ofÎ±â^'MnMoO4. Physical Review B, 2003, 68, .	3.2	9
1367	Thermal expansion and magnetovolume effects in the heavy-fermion systemCe2RhIn8. Physical Review B, 2003, 68, .	3.2	19
1368	Magnetic phase diagram ofEu4Ga8Ge16by magnetic susceptibility, heat capacity, and MÃ¶ssbauer measurements. Physical Review B, 2003, 68, .	3.2	10
1369	Separation between antiferromagnetic and ferromagnetic transitions inRu1â^'xCuxSr2EuCu2O8+Î´. Physical Review B, 2003, 67, .	3.2	9
1370	Magnetization steps in a diluted Heisenberg antiferromagnetic chain:â€ƒTheory and experiments on(CH3)4NMnxCd1â^'xCl3. Physical Review B, 2003, 68, .	3.2	7
1371	Polar phonons in the antiferromagneticS=12spin-chain systemCuSb2O6. Physical Review B, 2003, 67, .	3.2	6
1372	Heat capacities of quasi-two-dimensional hetero-spin honeycomb magnets {NBu4[CuIICrIII(ox)3]}n and {PPh4[MnIICrIII(ox)3]}n (Bu=n-butyl, Ph=phenyl, H2ox=oxalic acid): High-temperature series expansion analysis. Journal of Chemical Physics, 2003, 119, 6856-6867.	3.0	8
1373	Ab initioperiodic approach to electronic structure and magnetic exchange inA2CuO2X2(A=Ca,Sr) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	10
1374	Magnetic behaviour of the tetravalent praseodymium compound Sr2PrO4. Journal of Physics Condensed Matter, 2003, 15, 7585-7590.	1.8	4
1375	Macroscopic quantum entanglement of oxygen molecules confined into nanopores. Europhysics Letters, 2003, 64, 260-266.	2.0	10
1376	ESR Experiments on Quantum Spin Systems. Journal of the Physical Society of Japan, 2003, 72, 12-25.	1.6	24

#	Article	IF	Citations
1378	Electronic and Magnetic Properties of Organic Conductors (DMET)2MBr4(M = Fe, Ga). Bulletin of the Chemical Society of Japan, 2003, 76, 945-959.	3.2	26
1380	Magnetism from the Molecular to the Nanoscale. , 2003, , 779-813.		1
1382	Magnetic coupling constants from a hybrid density functional with 35% Hartree-Fock exchange. Physical Review B, 2004, 70, .	3.2	91
1383	Reversible spin-flop and irreversible metamagneticlike transitions induced by a magnetic field in the layeredGd5Ge4antiferromagnet. Physical Review B, 2004, 69, .	3.2	47
1384	One-dimensional ferromagnetism of gaudefroyiteCa4(MnO)3(BO3)3CO3. Physical Review B, 2004, 70, .	3.2	15
1385	Performance of the Ï„-dependent functionals in predicting the magnetic coupling of ionic antiferromagnetic insulators. Journal of Chemical Physics, 2004, 120, 3811-3816.	3.0	50
1386	Magnetization steps in the phase-separated Cr-doped Nd0.5Ca0.5MnO3 compounds. Journal of Applied Physics, 2004, 95, 7085-7087.	2.5	9
1387	Density functional theory with alternative spin densities: Application to magnetic systems with localized spins. Journal of Chemical Physics, 2004, 120, 18-25.	3.0	28
1388	Chromium site selective substitution inCa3Co2O6: Influence on the magnetic properties of an Ising-like triangular lattice. Physical Review B, 2004, 70, .	3.2	52
1389	Spin-glass behavior in the ordered ribbon borateCu2CoB2O6. Physical Review B, 2004, 70, .	3.2	3
1390	Theoretical calculations of effective exchange integrals by spin projected and unprojected broken-symmetry methods. III. Cluster models of three-dimensional KNiF3 solid. Journal of Chemical Physics, 2004, 121, 2199-2207.	3.0	5
1391	Magnetic properties of tapiolite (FeTa2O6); a quasi two-dimensional (2D) antiferromagnet. Journal of Physics Condensed Matter, 2004, 16, 7837-7852.	1.8	25
1392	Three-dimensional magnetic ordering in the Rb2CuCl4layer perovskiteâ€"structural correlations. Journal of Physics Condensed Matter, 2004, 16, 1927-1938.	1.8	24
1393	Magnetic properties of quasi-2D antiferromagnet {N(n-C5H11)4[MnIIFeIII(ox)3]}âˆž below NÃ©el temperature: revisited. Journal of Magnetism and Magnetic Materials, 2004, 268, 380-387.	2.3	11
1394	Solitary excitations and domain-wall movement in the two-dimensional canted antiferromagnet(C2N2H10)1â•2FePO4(OH). Physical Review B, 2004, 70, .	3.2	28
1395	Calorimetric investigation of phase transitions in the layered antiferromagnetic molecule-based material {N(n-C5H11)4[MnIIFeIII(ox)3]}âˆž(ox=oxalato). Journal of Magnetism and Magnetic Materials, 2004, 280, 1-9.	2.3	15
1396	Extended random phase approximation for layered copper oxides antiferromagnets. European Physical Journal D, 2004, 54, 1511-1520.	0.4	0
1397	Periodic approach to the electronic structure and magnetic coupling in KCuF3, K2CuF4, and Sr2CuO2Cl2 low-dimensional magnetic systems. International Journal of Quantum Chemistry, 2004, 99, 805-823.	2.0	36

#	Article	IF	Citations
1398	Principal problems in Bose-Einstein condensation of dilute gases. Laser Physics Letters, 2004, 1, 435-461.	1.4	128
1399	Spinâ€"lattice relaxation in a dense paramagnet CuF 2 Â·2H 2 O. Solid State Communications, 2004, 130, 41-43.	1.9	0
1400	Correlated effective field theory in transition metal compounds. Journal of Magnetism and Magnetic Materials, 2004, 270, 247-290.	2.3	11
1401	The phase diagrams and the order parameters of the diluted superlattice with antiferromagnetic interface coupling. Journal of Magnetism and Magnetic Materials, 2004, 271, 270-285.	2.3	6
1402	Magnetic susceptibility calculation of the dinuclear cobalt complex [Co2(ox)tpmc](ClO4)2Â·3H2O. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1065-1066.	2.3	7
1403	Syntheses, structure and magnetic properties of pillared layered diphosphonates: M2(O3PC6H4PO3)(H2O)2 (M=CoII, NiII). Journal of Solid State Chemistry, 2004, 177, 2311-2315.	2.9	36
1404	Magnetic specific heat of the low-temperature phase of rubidium manganese hexacyanoferrate. Chemical Physics Letters, 2004, 388, 379-383.	2.6	17
1405	Magnetic susceptibility and heat capacity investigations of the unconventional spin-chain compoundSr3CuPtO6. Physical Review B, 2004, 69, .	3.2	21
1406	Magnetic TTF-Based Charge-Transfer Complexes. Chemical Reviews, 2004, 104, 5449-5478.	47.7	313
1407	Organic and molecular magnets. Journal of Physics Condensed Matter, 2004, 16, R771-R828.	1.8	251
1408	Finite-size effect on magnetic properties in Prussian blue nanowire arrays. Journal of Applied Physics, 2004, 96, 610-614.	2.5	27
1409	Investigation of the magnetic structure of a TbB50-type B12 cluster compound. Journal of Alloys and Compounds, 2004, 374, 105-107.	5.5	7
1410	Structure and Magnetism of a Spin Ladder System:Â (C5H9NH3)2CuBr4. Inorganic Chemistry, 2004, 43, 3804-3811.	4.0	73
1411	Frustrated vortex in a two-dimensional antiferromagnet. Low Temperature Physics, 2005, 31, 735-739.	0.6	1
1412	On the realization of artificial XY spin chains. Journal of Physics Condensed Matter, 2005, 17, L27-L33.	1.8	13
1413	Magnetic resonance studies of the low-dimensional magnet NaFe(WO4)2. Low Temperature Physics, 2005, 31, 402-405.	0.6	8
1414	Scaling Theory Applied to Low Dimensional Magnetic Systems. , 2005, , 347-377.		2
1415	Electronic and Magnetic Properties of Ï€â€"dInteraction System (EDTDM)2FeBr4. Journal of the Physical Society of Japan, 2005, 74, 1508-1520.	1.6	21

#	Article	IF	Citations
1416	Study the magnetic structure of FeCl2Â·4H2O crystals by LTNO technique and molecular field theory. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1040-1042.	2.3	1
1417	Static magnetic properties and magnetic phase diagram of Mn1â^'xNixCl2Â·2H2O. Physica B: Condensed Matter, 2005, 362, 18-28.	2.7	7
1418	Structure and magnetic properties of [(REDA)Cl]2CuCl4 salts: A new series of ferromagnetic layer perovskites. Polyhedron, 2005, 24, 2293-2298.	2.2	24
1419	Hydrogen bond mediated magnetism in. Chemical Physics, 2005, 309, 115-125.	1.9	19
1420	Heat capacity and magnetic phase transition of two-dimensional metal-assembled complex, K[{MnIII(3-MeOsalen)}2FeIII(CN)6]. Thermochimica Acta, 2005, 431, 133-137.	2.7	8
1421	Magnetic exchange interactions in tetrabromocuprate compounds. Coordination Chemistry Reviews, 2005, 249, 2567-2576.	18.8	92
1422	Mesoscopic antiferromagnets: statics, dynamics, and quantum tunneling (Review). Low Temperature Physics, 2005, 31, 635-667.	0.6	49
1423	Magnetic susceptibility of quasi-one-dimensional Ising superantiferromagnets FeTAC and MCl2 Â·2NC5H5 (M = Co, Fe): Approximation with L Ã— â^ž and L Ã— L Ã— â^ž chain clusters. Journal of Experimental and Theoretical Physics, 2005, 101, 1077-1090.	0.9	0
1424	Relaxation in magnetic nanostructures. Journal of Magnetism and Magnetic Materials, 2005, 294, 133-140.	2.3	31
1425	Syntheses, Structures and Magnetic Properties of Layered Metal(II) Mandelates. European Journal of Inorganic Chemistry, 2005, 2005, 662-669.	2.0	33
1426	Growth and optical, magnetic and transport properties of (C4H9NH3)2MCl4 organic-inorganic hybrid films (M = Cu, Sn). Applied Physics A: Materials Science and Processing, 2005, 81, 963-968.	2.3	65
1427	Investigation of Critical Properties of a MnF2 Antiferromagnet Model by the Monte Carlo Methods. Russian Physics Journal, 2005, 48, 163-169.	0.4	0
1428	Interlayer spin-singlet pairing induced by magnetic interactions in an antiferromagnetic superconductor. Physical Review B, 2005, 72, .	3.2	5
1429	Magnetic characterization of the upper pseudogap phase in cuprates. Physical Review B, 2005, 72, .	3.2	13
1430	Understanding the color properties of(C5H9NH3)2CuBr4in high magnetic fields. Physical Review B, 2005, 71, .	3.2	12
1431	Ferromagnetic Heisenberg chains: A description of the magnetic susceptibility from a noncritical scaling approach. Physical Review B, 2005, 72, .	3.2	23
1432	Magnetization steps in the diluted Heisenberg layer materials(CH3NH3)2MnxCd1â^'xCl4: Equilibrium data at 0.6 K. Physical Review B, 2005, 72, .	3.2	2
1433	Cu(H2O)2(C2H8N2)SO4:â€ƒA quasi-two-dimensionalS=12Heisenberg antiferromagnet. Physical Review B, 2005, 71, .	3.2	25

#	Article	IF	Citations
1434	Temperature-dependent magnetization and susceptibility ofFenâˆ•V7superlattices. Physical Review B, 2005, 71, .	3.2	21
1435	Magnetic ordering in a genuine organic crystal with triangular antiferromagnetic spin units. Physical Review B, 2005, 72, .	3.2	11
1436	Magnetic phase transitions in Heisenberg antiferromagnetic films with cubic lattices. Physical Review B, 2005, 71, .	3.2	15
1437	X-ray diffraction and magnetic measurements of itinerant electron magnetism in theY3Ni13â^'xCoxB2system. Physical Review B, 2005, 71, .	3.2	5
1438	Chiral azide-bridged two-dimensional Cu(ii) compounds showing a field-induced spinâ€“flop transition. Chemical Communications, 2005, , 4116.	4.1	56
1439	Retro-Crystal Engineering Analysis of TwoN-Methylethylenediammonium Cadmium Halide Salts Obtained by Dimensional Reduction and Recombination of the Hexagonal CdX2Lattice. Crystal Growth and Design, 2005, 5, 673-679.	3.0	50
1440	Isotropic Magnetic Exchange between Anisotropic Yb(III) Ions. Study of Cs3Yb2Cl9 and Cs3Yb2Br9 Crystals. Inorganic Chemistry, 2005, 44, 3984-3992.	4.0	11
1441	Cu(HCO2)2(pym) (pym = pyrimidine):Â Low-Dimensional Magnetic Behavior and Long-Range Ordering in a Quantum-Spin Lattice. Inorganic Chemistry, 2005, 44, 989-995.	4.0	40
1442	A New Bimetallic Intercalated 3-D Assembly Magnet [{(323)Ni}3{FeIII(CN)6}2]nÂ·12nH2O (323) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Facial Arrangment of Ferricyanide Anionâ€. Inorganic Chemistry, 2005, 44, 1354-1361.	4.0	19
1443	Magnetic Properties of Ferromagnetic Quasi-1D Copper-Peptide Compounds:â€‰ Exchange Interactions and Very Low Temperature Phase Transitions. Journal of Physical Chemistry B, 2006, 110, 8052-8063.	2.6	16
1444	Nuclear and Magnetic Structures and Magnetic Properties of the Layered Cobalt Hydroxysulfate Co5(OH)6(SO4)2(H2O)4and Its Deuterated Analogue, Co5(OD)6(SO4)2(D2O)4. Journal of the American Chemical Society, 2006, 128, 7972-7981.	13.7	54
1445	A unified view of the theoretical description of magnetic coupling in molecular chemistry and solid state physics. Physical Chemistry Chemical Physics, 2006, 8, 1645.	2.8	200
1446	[Cu(HF2)(pyz)2]BF4 (pyz = pyrazine): long-range magnetic ordering in a pseudo-cubic coordination polymer comprised of bridging HF2? and pyrazine ligands. Chemical Communications, 2006, , 4894.	4.1	59
1447	Magnetic coupling and long-range order in the spinâ€“chain sulfide Ba2CoS3. Journal of Materials Chemistry, 2006, 16, 3489-3502.	6.7	22
1448	Supramolecular Co(II)-[2 Ã— 2] Grids:Â Metamagnetic Behavior in a Single Molecule. Inorganic Chemistry, 2006, 45, 6535-6540.	4.0	31
1449	Spin Coupling in Engineered Atomic Structures. Science, 2006, 312, 1021-1024.	12.6	687
1450	Large magnetic anisotropy in the quasi-one-dimensional system BaCo2V2O8. Applied Physics Letters, 2006, 88, 132504.	3.3	33
1451	Synthesis and charge-transfer complexes of a new donor molecule, TP-EDOT. Journal of Materials Chemistry, 2006, 16, 550-557.	6.7	7

#	Article	IF	Citations
1452	One-Dimensional Ferromagnetic Complexes Built with MnIII3O Units. Inorganic Chemistry, 2006, 45, 4877-4879.	4.0	51
1453	Magnon excitation by spin-polarized direct currents in magnetic nanostructures. Physical Review B, 2006, 73, .	3.2	53
1454	Combined Magnetic and Single-Crystal X-ray Structural Study of the Linear Chain Antiferromagnet [(CH3)4N][MnCl3] under Varying Pressure. Journal of the American Chemical Society, 2006, 128, 9205-9210.	13.7	25
1455	Calorimetric Investigation of Phase Transitions Occurring in Molecule-Based Magnetsâ€. Chemical Reviews, 2006, 106, 976-1031.	47.7	156
1457	Verdazyl-based Magnetic Systems. , 2006, , 75-106.		3
1459	Influence of hydrogen bonds on magnetic properties of Cu(dmen)2M(CN)4Â(M = Ni, Pt)S = 1/2 low-dimensional Heisenberg antiferromagnets. Physica Status Solidi (B): Basic Research, 2006, 243, 268-271.	1.5	7
1460	Quantum chains with a spin. Nature Materials, 2006, 5, 431-432.	27.5	16
1461	Multiferroic and magnetoelectric materials. Nature, 2006, 442, 759-765.	27.8	7,032
1462	The role of non-classical supramolecular interactions in the structures of 2-amino-4,6-dimethylpyridinium tetrahalocuprate (II) salts. Inorganica Chimica Acta, 2006, 359, 424-432.	2.4	62
1463	Metal phosphonates based on aminomethylenediphosphonate: Syntheses and characterization of Na4Zn{NH3CH(PO3)2}2Â·4H2O, Ni{NH3CH(PO3H)2}2Â·xH2O and NaNi2{NH3CH(PO3)(PO3H0.5)}2(H2O)2Â·2H2O. Journal of Solid State Chemistry, 2006, 179, 413-420.	2.9	8
1464	Synthesis, structural determination and magnetic properties of layered hybrid organicâ€“inorganic, iron (II) propylphosphonate, Fe[(CH3(CH2)2PO3)(H2O)], and iron (II) octadecylphosphonate, Fe[(CH3(CH2)17PO3)(H2O)]. Journal of Solid State Chemistry, 2006, 179, 579-589.	2.9	19
1465	Low-dimensional compounds containing cyano groups. XIV. Crystal structure, spectroscopic, thermal and magnetic properties of [CuL2][Pt(CN)4] complexes (L=ethylenediamine or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 297 Td (N	2.9	32
1466	Successive phase transitions of [(PyO)(H/D)][AuCl4] (PyO=C5H5NO). Solid State Communications, 2006, 137, 488-491.	1.9	0
1467	Finite-sized Heisenberg chains and magnetism of one-dimensional metal systems. Applied Physics A: Materials Science and Processing, 2006, 82, 385-394.	2.3	61
1468	Spin Symmetry Requirements in Density Functional Theory: The Proper Way to Predict Magnetic Coupling Constants in Molecules and Solids. Theoretical Chemistry Accounts, 2006, 116, 587-597.	1.4	77
1469	Static and dynamic properties of Mn2(OH)2(C4O4). Physica B: Condensed Matter, 2006, 385-386, 435-437.	2.7	12
1470	Quantum Monte Carlo study of low-dimensional magnetic system. Journal of Magnetism and Magnetic Materials, 2006, 300, e570-e573.	2.3	3
1471	Lanthanide-Transition-Metal Sandwich Framework Comprising {Cu3} Cluster Pillars and Layered Networks of {Er36} Wheels. Angewandte Chemie - International Edition, 2006, 45, 73-77.	13.8	309

#	Article	IF	Citations
1472	In Search of Binary Hybrid Systems in Manganese Chemistry: The Synthesis, Spectroscopic and Structural Characterization, and Magnetic Properties of a New Species in the Aqueous MnII-Quinic System. European Journal of Inorganic Chemistry, 2006, 2006, 1957-1967.	2.0	12
1474	Magnetism of the geometrically frustrated spin-chain compoundSr3HoCrO6: Magnetic and heat capacity measurements and neutron powder diffraction. Physical Review B, 2006, 74, .	3.2	26
1475	Ba2CoO4: Crystal growth, structure refinement, and physical properties. Physical Review B, 2006, 73, .	3.2	17
1476	Antiferromagnetic-paramagnetic transitions in longitudinal and transverse magnetic fields in aSrCo2V2O8crystal. Physical Review B, 2006, 73, .	3.2	37
1477	Enhanced entanglement transfer by phase-shift control in two parallel Heisenberg spin chains. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 9067-9077.	2.1	11
1478	Exchange parameters from approximate self-interaction correction scheme. Journal of Chemical Physics, 2007, 127, 034112.	3.0	9
1479	Field-driven phase transitions in a quasi-two-dimensional quantum antiferromagnet. New Journal of Physics, 2007, 9, 31-31.	2.9	34
1480	Combining two-body density correlation functionals with multiconfigurational wave functions using natural orbitals and occupation numbers. Journal of Chemical Physics, 2007, 127, 104102.	3.0	15
1481	MÃ¶ssbauer spectroscopic study of low-temperature spin structure and magnetic interactions in. Journal of Physics Condensed Matter, 2007, 19, 356201.	1.8	4
1482	Magnetic ordering in the ammoniated alkali fullerides (NH3)K3â^'xRbxC60(x= 2, 3). Journal of Physics Condensed Matter, 2007, 19, 386235.	1.8	8
1483	Magnetic behavior of single-crystalCo(SCN)2(CH3OH)2: Three-dimensional Ising metamagnetism and field-induced spin reorientations. Physical Review B, 2007, 76, .	3.2	2
1484	Magnetization-step spectra of(CH3â^'NH3)2MnxCd1â^'xCl4at20mK: Fine structure and the second-largest exchange constant. Physical Review B, 2007, 75, .	3.2	3
1485	Long-range effects in layered spin structures. Physical Review B, 2007, 76, .	3.2	42
1486	PHASE STRING THEORY FOR DOPED ANTIFERROMAGNETS. International Journal of Modern Physics B, 2007, 21, 773-827.	2.0	32
1487	Structural Correlation in Jahnâ€"Teller Systems of Cu²⁺and Mn³⁺under Pressure. Journal of the Physical Society of Japan, 2007, 76, 1-4.	1.6	41
1488	X-ray diffraction and magnetic susceptibility measurements for Fe_xNi_{1â^'x}Ta₂O₆. Journal of Physics Condensed Matter, 2007, 19, 356210.	1.8	10
1489	Magnetic Properties of Double-Layer Perovskite Fluorides K₃Ni₂F₇and K₃Co₂F₇. Journal of the Physical Society of Japan, 2007, 76, 085003.	1.6	3
1490	Organic Intercalated Ionic Ferromagnets of Chromium(II): Bis(Alkylammonium) Tetrachlorochromate(II) Compounds. Inorganic Syntheses, 2007, , 188-190.	0.3	1

#	Article	IF	Citations
1491	Molecular magnets. Contemporary Physics, 2007, 48, 275-290.	1.8	56
1492	Magnetic phase diagram of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Ce</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>17</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	3.2	31
1493	Type structure, which is composed of organic diammonium, triiodide and hexaiodobismuthate, varies according to different structures of incorporated cations. CrystEngComm, 2007, 9, 298.	2.6	45
1494	Exact solution of the mixed-spin Ising model on a decorated square lattice with two different kinds of decorating spins on horizontal and vertical bonds. Physical Review B, 2007, 76, .	3.2	21
1495	Mn(dca)2(pym)2 and Mn(dca)2(pym)(H2O) {dca = dicyanamide; pym = pyrimidine}: New coordination polymers exhibiting 1- and 2-D topologies. Dalton Transactions, 2007, , 646.	3.3	34
1496	Characterization of the Crystal and Magnetic Structures of the Mixed-Anion Coordination Polymer Cu(HCO2)(NO3)(pyz) {pyz = Pyrazine} by X-ray Diffraction, ac Magnetic Susceptibility, dc Magnetization, Muon-Spin Relaxation, and Spin Dimer Analysis. Inorganic Chemistry, 2007, 46, 213-220.	4.0	19
1497	Magnetochemistry-Advances in Theory and Experimentation. Progress in Inorganic Chemistry, 2007, , 203-283.	3.0	964
1498	Synthesis, Structure, and Properties of Organic-Inorganic Perovskites and Related Materials. Progress in Inorganic Chemistry, 2007, , 1-121.	3.0	566
1499	The Chemistry and Magnetic Properties of Metal Nitronyl Nitroxide Complexes. Progress in Inorganic Chemistry, 2007, , 331-429.	3.0	290
1500	The Theoretical Study on the Magnetic Interactions of the Perovskite-Type KFeF3 and RbFeF3 Solids. E-Journal of Surface Science and Nanotechnology, 2007, 5, 20-22.	0.4	4
1501	Merging multiconfigurational wavefunctions and correlation functionals to predict magnetic coupling constants. Journal of Computational Chemistry, 2007, 28, 2559-2568.	3.3	9
1502	Critical magnetic behaviour in one and two dimensions. Journal of Magnetism and Magnetic Materials, 2007, 311, 523-529.	2.3	8
1503	as a probe of anisotropy in low-dimensional molecular magnets. Journal of Physics and Chemistry of Solids, 2007, 68, 2039-2043.	4.0	19
1504	Variation of the Jahnâ€“Teller distortion with pressure in perovskite layers A2CuCl4. Influence on the charge-transfer band. Physica Status Solidi (B): Basic Research, 2007, 244, 156-161.	1.5	15
1505	Phase transitions in mixed-valence potassium manganese hexacyanoferrate Prussian blue analogue: Heat capacity calorimetric study. Journal of Magnetism and Magnetic Materials, 2007, 312, 435-442.	2.3	8
1506	Structural chemistry of peroxo compounds of group VI transition metals: I. Peroxo complexes of chromium (a review). Crystallography Reports, 2007, 52, 639-646.	0.6	5
1507	Low-temperature specific heat of TlCrS2. Physics of the Solid State, 2007, 49, 320-321.	0.6	3
1508	Spin-frustrated antiferromagnets based on BEDT-TTF and manganese dicyanamide complexes. Physics of the Solid State, 2007, 49, 905-911.	0.6	1

#	Article	IF	Citations
1509	Long-range magnetic ordering in Ba2CoS3: A neutron diffraction study. Journal of Solid State Chemistry, 2007, 180, 2859-2863.	2.9	9
1510	Cu^Iâ€“Br Oligomers and Polymers Involving Cuâ€“S(cystamine) Bonds. European Journal of Inorganic Chemistry, 2008, 2008, 1654-1660.	2.0	16
1511	A Switchable NLO Organicâ€“Inorganic Compound Based on Conformationally Chiral Disulfide Molecules and Bi(III)I₅ Iodobismuthate Networks. Advanced Materials, 2008, 20, 1013-1017.	21.0	222
1512	Multi-magnetic phases in Fe1â^'xNixTa2O6. Journal of Magnetism and Magnetic Materials, 2008, 320, e125-e127.	2.3	8
1513	Hybrid functional study of the magnetism and electronic structure of a novel coordination polymer: [Cu(HF2)(pyz)2]BF4. Chemical Physics Letters, 2008, 459, 119-123.	2.6	7
1514	Nonlinear sigma model of a spin ladder containing a static single hole. Solid State Communications, 2008, 145, 163-167.	1.9	1
1515	Statistics and game theory in single-chain magnet relaxation. Inorganica Chimica Acta, 2008, 361, 3731-3739.	2.4	24
1516	On the crystal structures and magnetism of some hybrid organicâ€“inorganic metal organophosphonates. Inorganica Chimica Acta, 2008, 361, 3785-3799.	2.4	25
1517	2-(4,5,6,7-Tetrafluorobenzimidazol-2-yl)-4,4,5,5-tetramethyl-4,5-dihydro-1-H-imidazole-3-oxide-1-oxyl, A Hydrogen-Bonded Organic Quasi-1D Ferromagnet. Journal of the American Chemical Society, 2008, 130, 186-194.	13.7	34
1518	The Canted Antiferromagnetic Approach to Single-Chain Magnets. Journal of the American Chemical Society, 2008, 130, 1619-1627.	13.7	180
1519	Universal window for two-dimensional critical exponents. Journal of Physics Condensed Matter, 2008, 20, 275233.	1.8	127
1520	Strong Rail Spin ¹/₂ Antiferromagnetic Ladder Systems: (Dimethylammonium)(3,5-Dimethylpyridinium)CuX₄, X = Cl, Br. Inorganic Chemistry, 2008, 47, 9327-9332.	4.0	42
1521	A rational design by hydrothermal methods of a tetrazolate-bridged bimetallic spin-canted antiferromagnet. Synthesis, X-ray structure and magnetic properties of [CoNi(pmtz)4] (Hpmtzâ^' =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	62
1522	Magnetic Properties and Magnetic Structures of Synthetic Natrochalcites, NaMII2(D3O2)(MoO4)2, M = Co or Ni. Journal of the American Chemical Society, 2008, 130, 13490-13499.	13.7	24
1523	Experimental and Theoretical Characterization of the Magnetic Properties of CuF₂(H₂O)₂(pyz) (pyz = pyrazine): A Two-Dimensional Quantum Magnet Arising from Supersuperexchange Interactions through Hydrogen Bonded Paths. Chemistry of Materials, 2008, 20, 7408-7416.	6.7	59
1524	Stability of the geometrically frustrated magnetic state of Ca₃CoRhO₆to applications of positive and negative pressure. Journal of Physics Condensed Matter, 2008, 20, 255247.	1.8	4
1525	Conversion from transparent antiferromagnet KNiF3 to transparent ferrimagnets. Applied Physics Letters, 2008, 92, 042501.	3.3	0
1526	Magnetic and related properties of theCePd1â^'xRhxAlsystem. Physical Review B, 2008, 77, .	3.2	8

#	Article	IF	Citations
1527	Exotic (anti)ferromagnetism in single crystals of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Pr</mml:mtext></mml:mrow><mml:mn>6</mml:mn></mml:msub> Physical Review B, 2008, 77, .	3.2	5
1528	Exact solution of the geometrically frustrated spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mstyle scriptlevel="1"><mml:mfrac Parallel"stic"isotropy and spin-flop transition in single crystals of the quasi-one-dimensional/mml:mrow></mml:math>Ising-Heisenber system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" Review B, 2008, 78, .	3.2	40
1529	display="inline"><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">V</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>. Physi	3.2	41
1530	Nuclear Magnetism in Two-Dimensional Solid Helium Three on Graphite. Journal of the Physical Society of Japan, 2008, 77, 111013.	1.6	54
1531	Spin-Liquid State Study of Equilateral Triangle S=3/2 Spin Tubes Formed in CsCrF₄. Journal of the Physical Society of Japan, 2009, 78, 093701.	1.6	43
1532	Magnetoelastic Coupling through the Antiferromagnet-to-Ferromagnet Transition of Quasi-Two-Dimensional[Cu(HF2)(pyz)2]BF4Using Infrared Spectroscopy. Physical Review Letters, 2009, 103, 157401.	7.8	28
1533	Extended scaling behavior of the spatially anisotropic classicalXYmodel in the crossover from three to two dimensions. Physical Review B, 2009, 80, .	3.2	2
1534	Crystal-water-induced switching of magnetically active orbitals in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuCl</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2009, 79, .	3.2	23
1535	Wangâ€“Landau Simulation for the Quasi-One-Dimensional Ising Model. Journal of the Physical Society of Japan, 2009, 78, 054002.	1.6	1
1536	Magnetic properties of a novel quasi-2D Cu(II)-trimer system. Journal of Physics Condensed Matter, 2009, 21, 185013.	1.8	6
1537	Electronic structure and thermodynamic properties of CeRh₂Sn₄and LaRh₂Sn₄. Journal of Physics Condensed Matter, 2009, 21, 325601.	1.8	11
1538	Dzyaloshinskiâ€“Moriya micromagnetics of magnetic surface alloys. Journal of Applied Physics, 2009, 105, 07D533.	2.5	8
1539	Low-dimensional compounds containing cyano groups. XVII. Crystal structure, spectroscopic, thermal and magnetic properties of [Cu(bmen)2][Pt(CN)4] (bmen=N,Nâ€²-dimethylethylenediamine). Journal of Solid State Chemistry, 2009, 182, 196-202.	2.9	16
1540	Molecular materialâ€"{N(n-C4H9)4[Ni(II)0.5 Fe(II)0.5 Fe(III)(C2O4)3]}âˆž: Magnetic, MÃ¶ssbauer and electrical conductivity studies. Physica B: Condensed Matter, 2009, 404, 3448-3451.	2.7	4
1541	Uncompensated magnetization in the layered molecular antiferromagnet {N(n-C5H11)4[MnIIFeIII(ox)3]}âˆž. Polyhedron, 2009, 28, 2899-2904.	2.2	2
1542	Truncated forms of the second-rank orthorhombic Hamiltonians used in magnetism and electron magnetic resonance (EMR) studies are invalidâ€"Why it went unnoticed for so long?. Journal of Magnetism and Magnetic Materials, 2009, 321, 2946-2955.	2.3	12
1543	Magnetic metalâ€"organic frameworks. Chemical Society Reviews, 2009, 38, 1353.	38.1	2,304
1544	Strong HÂ·Â·Â·F Hydrogen Bonds as Synthons in Polymeric Quantum Magnets: Structural, Magnetic, and Theoretical Characterization of [Cu(HF2)(pyrazine)2]SbF6, [Cu2F(HF)(HF2)(pyrazine)4](SbF6)2, and [CuAg(H3F4)(pyrazine)5](SbF6)2. Journal of the American Chemical Society, 2009, 131, 6733-6747.	13.7	76

#	Article	IF	Citations
1545	Magnetic Frustration and Spin Disorder in Isostructural M(Î¼-OH₂)₂[Au(CN)₂]₂ (M = Mn, Fe, Co) Coordination Polymers Containing Double Aqua-Bridged Chains: SQUID and Î¼SR Studies. Inorganic Chemistry, 2009, 48, 55-67.	4.0	30
1546	Antiferromagnet-ferromagnet transitions in Ge-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Gd</mml:mtext></mml:mrow><mml:mn>5</mml:mn></mml:msu Physical Review B, 2009, 80, .	3.2	11
1547	Magnetocaloric properties of Co/Cr superlattices. Physical Review B, 2009, 79, .	3.2	57
1548	Inorganic-organic layered halide perovskites, with specific focus on PAMC, and its key and slot joint interlayers. Zeitschrift FÃ¼r Kristallographie, 2009, 224, 287-294.	1.1	13
1549	Separation of the Oxide and Halide Part in the Oxohalide Fe₃Te₃O₁₀Cl Due to High Lewis Acidity of the Cations. Inorganic Chemistry, 2009, 48, 6599-6603.	4.0	25
1550	Magnetic ordering in the frustrated Heisenberg chain system cupric chloride<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuCl</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2009, 80, .	3.2	102
1551	Strong through-space two-halide magnetic exchange of â^'234 K in (2,5-dimethylpyrazine)copper(ii) bromide. Chemical Communications, 2009, , 1359.	4.1	35
1552	A quantum mechanical study of TiCl3Î±, Î² and Î³ crystal phases: geometry, electronic structure and magnetism. Physical Chemistry Chemical Physics, 2009, 11, 11264.	2.8	15
1553	Theoretical Reinvestigation of the Electronic Structure of CuNCN: the Influence of Packing on the Magnetic Properties. Journal of Physical Chemistry C, 2009, 113, 18891-18896.	3.1	22
1554	Heat Capacity of a Layered Molecule-Based Ferrimagnet [Mn^{II}(S-pnH)(H₂O)][Mn^{III}(CN)₆]Â·2H₂O. Journal of the Physical Society of Japan, 2009, 78, 065001.	1.6	0
1555	Magnetic order in the purely organic quasi-one-dimensional ferromagnet 2-benzimidazolyl nitronyl nitroxide. Physical Review B, 2010, 82, .	3.2	41
1556	Halide-bridged polymers of divalent metals with donor ligands â€“ structures and properties. Coordination Chemistry Reviews, 2010, 254, 537-554.	18.8	95
1557	Kink solutions of the classical anisotropic XY chain. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 662-676.	1.1	0
1558	Series expansion study of spin-1 Heisenberg antiferromagnet with easy-plane single-ion anisotropy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3225-3229.	2.1	3
1559	A cyano-bridged bimetallic ferrimagnet: Synthesis, X-ray structure and magnetic study. Polyhedron, 2010, 29, 2762-2768.	2.2	10
1560	Magnetic properties of a ferrimagnetic mixed spin chain with inhomogeneous crystal-field anisotropy. Journal of Magnetism and Magnetic Materials, 2010, 322, 1917-1922.	2.3	15
1561	Have we been here before? Inorganic precursors for collective electronic behaviour of molecular crystals. Physica B: Condensed Matter, 2010, 405, S6-S11.	2.7	3
1562	Synthesis, structure and magnetism of diâ€Î¼₂â€fluorobis(3,5â€dimethylpyrazole)tetrakis(5â€methylpyrazole)dicopper(II) bis(tetrafluoroborate). Recueil Des Travaux Chimiques Des Pays-Bas, 1981, 100, 400-405.	0.0	15

#	Article	IF	Citations
1565	Resonance properties of domain boundaries in quasi-two dimensional antiferromagnets. Low Temperature Physics, 2010, 36, 831-837.	0.6	3
1566	Magneto-optical properties and charge-spin coupling in the molecular(2,3-dmpyH)2CuBr4spin-ladder material. Physical Review B, 2010, 81, .	3.2	17
1567	Spin-lattice interactions through the quantum critical transition inCu(pyz)(NO3)2. Physical Review B, 2010, 81, .	3.2	10
1568	Metamagnetism and nanosize effects in the magnetic properties of the quasi-two-dimensional system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>-Ni</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(Physical Review B, 2010, 82, .	3.2	33
1569	Relation between susceptibility and Knight shift inLa2NiO4.17andK2NiF4byN61iNMR. Physical Review B, 2010, 81, .	3.2	5
1570	Specific heat of the simple-cubic Ising model. Physical Review E, 2010, 81, 031103.	2.1	13
1571	Muon-spin relaxation and heat capacity measurements on the magnetoelectric and multiferroic pyroxenes<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LiFeSi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NaFeSi</mml:mtext></mml:mrow><mml:m. Physical Review B, 2010, 81, .	3.2	20
1572	DYNAMIC OF SURFACE DIFFUSION PROCESS WITH PRESENCE OF ORDERING. International Journal of Modern Physics B, 2010, 24, 4357-4370.	2.0	2
1573	Ising Chains Antiferromagnetically Coupled on a Triangular Lattice. Journal of the Physical Society of Japan, 2010, 79, 064716.	1.6	0
1574	The layered ferromagnet Cs2AgF4: Antiferromagnetic inter-layer coupling driven by magnetic dipole-dipole interactions. Zeitschrift FÃ¼r Kristallographie, 2010, 225, .	1.1	15
1575	Layered organicâ€“inorganic hybrid perovskites: structure, optical properties, film preparation, patterning and templating engineering. CrystEngComm, 2010, 12, 2646.	2.6	542
1576	Unprecedented Layered Inorganicâ^'Organic Hybrid Compound Mn3Sb2S6(C6H18N4) Composed of Mn4Sb2S6 Double-Cubane Units Showing Magnetic Long-Range Order and Frustration. Inorganic Chemistry, 2010, 49, 1651-1657.	4.0	34
1577	First-Principles Bottom-Up Study of 1D to 3D Magnetic Transformation in the Copper Pyrazine Dinitrate S = 1/2 Antiferromagnetic Crystal. Inorganic Chemistry, 2010, 49, 1750-1760.	4.0	33
1578	Pyrophosphate-Bridged CuII Chain Magnet: {[Na3Cu(P2O7)(NO3)]Â·3H2O}n. Inorganic Chemistry, 2010, 49, 5650-5657.	4.0	7
1579	Magnetism and Structure in Chains of Copper Dinuclear Paddlewheel Units. Inorganic Chemistry, 2010, 49, 695-703.	4.0	39
1580	Probing equilibrium by nonequilibrium dynamics: Aging in Co/Cr superlattices. Physical Review B, 2010, 82, .	3.2	24
1581	Polymorphism of (H2mela)2[CuCl5]Cl (mela = melamine): structures, transformation and magnetic properties. CrystEngComm, 2011, 13, 4683.	2.6	23
1582	A 2D homochiral inorganicâ€“organic framework exhibiting a spinâ€“flop transition. Dalton Transactions, 2011, 40, 7147.	3.3	21

#	Article	IF	Citations
1583	An Enantiopair of Organic Ferromagnet Crystals Based on Helical Molecular Packing of Achiral Organic Radicals. Journal of Physical Chemistry Letters, 2011, 2, 3036-3039.	4.6	8
1584	Synthesis, Structures, and Magnetism of Copper(II) and Manganese(II) Coordination Polymers with Azide and Pyridylbenzoates. Inorganic Chemistry, 2011, 50, 7284-7294.	4.0	88
1585	Quasi-one-dimensional antiferromagnetism and multiferroicity in CuCrO<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, 84, .	3.2	28
1586	display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>IrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow	3.2	78
1587	Unusually Large Magnetic Anisotropy in a CuO-Based Semiconductor Cu₅V₂O₁₀. Journal of the American Chemical Society, 2011, 133, 1298-1300.	13.7	22
1588	Microporous {[Ni(cyclam)]3[W(CN)8]2}n affording reversible structural and magnetic conversions. Dalton Transactions, 2011, 40, 3067.	3.3	38
1589	Structureâ€“property relationships for metal-free organic magnetic materials. Advances in Physical Organic Chemistry, 2011, 45, 93-169.	0.5	19
1590	S_T= 22 [Mn₁₀] Supertetrahedral Building-Block to Design Extended Magnetic Networks. Inorganic Chemistry, 2011, 50, 8580-8587.	4.0	30
1591	On the spontaneous ordering of the mixed-spin Ising square lattice with singly and triply decorated bonds. Physica Scripta, 2011, 83, 045006.	2.5	0
1592	Static and dynamic properties of single-chain magnets with sharp and broad domain walls. Physical Review B, 2011, 84, .	3.2	30
1593	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î¼</mml:mi></mml:math>SR investigation of magnetism and magnetoelectric coupling in Cu<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>OSeO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	3.2	22
1594	Beyond the spin model: exchange coupling in molecular magnets with unquenched orbital angular momenta. Chemical Society Reviews, 2011, 40, 3130.	38.1	107
1595	Structural, Electronic, and Magnetic Properties of Quasi-1D Quantum Magnets [Ni(HF₂)(pyz)₂]X (pyz = pyrazine; X = PF₆^{â€“},) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Chemistry, 2011, 50, 5990-6009.	4.0	30
1596	Hydrothermal Synthesis, Structures and Magnetic Studies of Transition Metal Sulfates Containing Hydrazine. Inorganic Chemistry, 2011, 50, 144-154.	4.0	45
1597	Chimera order in spin systems. Europhysics Letters, 2011, 95, 10004.	2.0	14
1598	Effects of Geometrical Spin Frustration on Triangular Spin Tubes Formed in CsCrF4 and Î±-KCrF4. Journal of the Physical Society of Japan, 2011, 80, 084714.	1.6	20
1600	Characterization of two linear chain compounds: Ferromagnet NiCl2(CH3OH)2(1,4-dioxane)0.5 (1) and paramagnet [NiCl2(H2O)2(1,4-dioxane)](1,4-dioxane) (2). Polyhedron, 2011, 30, 3145-3150.	2.2	1
1601	Nanodrop of an Ising Magnetic Fluid on a Solid Surface. Langmuir, 2011, 27, 8753-8760.	3.5	11

#	Article	IF	Citations
1602	High†Temperature Experimental and Theoretical Study of Magnetic Interactions in Diamond and Pseudo†Diamond Frameworks Built up from Hexanuclear Tantalum Clusters. Chemistry - A European Journal, 2011, 17, 6263-6271.	3.3	10
1603	Other incarnations of the Gross–Pitaevskii dark soliton. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 517-521.	2.1	5
1604	Spin gap of the three-leg<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mrow><mml:mn>3</mml:mn></mml:mrow><mml:mn>2</mml:mn></mml:mfrac></mml:mrow></mml:math> tube. Physical Review B, 2011, 83, .	3.2	15
1605			

#	Article	IF	Citations
1620	Magnetic Dimensional Crossover from Two- to Three-Dimensional Heisenberg Magnetism in a Cuâ€“W Cyano-Bridged Bimetal Assembly. Crystal Growth and Design, 2012, 12, 2013-2017.	3.0	9
1621	Field-dependent anomalies in the thermodynamic and transport properties of RuSr2GdCu2O8â€”Evidence for a spin-flop transition. Journal of Physics and Chemistry of Solids, 2012, 73, 1290-1295.	4.0	0
1622	A Ferromagnetic Methoxido-Bridged Mn(III) Dimer and a Spin-Canted Metamagnetic Î¼_{1,3}-Azido-Bridged Chain. Inorganic Chemistry, 2012, 51, 5332-5341.	4.0	66
1623	Using High Pressure to Prepare Polymorphs of the Ba₂Co_{1â€“x}Zn_xS₃ (0 â‰¤ x â‰¤ 1.0) Compounds. Inorganic Chemistry, 2012, 51, 397-404.	4.0	8
1624	MnIII(tetra-biphenyl-porphyrin)â€“TCNE Single-Chain Magnet via Suppression of the Interchain Interactions. Inorganic Chemistry, 2012, 51, 9123-9131.	4.0	55
1625	Role of thermal vibrations in magnetic phase transitions. Phase Transitions, 2012, 85, 751-760.	1.3	0
1626	Exact field-driven interface dynamics in the two-dimensional stochastic Ising model with helicoidal boundary conditions. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 6463-6469.	2.6	1
1627	Cyanido-Bridged Fe(III)â€“Mn(III) Heterobimetallic Materials Built From Mn(III) Schiff Base Complexes and Di- or Tri-Cyanido Fe(III) Precursors. Inorganic Chemistry, 2012, 51, 3796-3812.	4.0	49
1628	Spinâ€flip transition and nonâ€oneâ€dimensional magnetic coupling in quasiâ€oneâ€dimensional oxygen deficient Sr₆Co₅O_{15â€“Î´}. Physica Status Solidi (B): Basic Research, 2012, 249, 1072-1076.	1.5	3
1629	[Ni(HF₂)(3-Clpy)₄]BF₄ (py = pyridine): Evidence for Spin Exchange Along Strongly Distorted FÂ·Â·Â·HÂ·Â·Â·F^{â€“} Bridges in a One-Dimensional Polymeric Chain. Inorganic Chemistry, 2012, 51, 7520-7528.	4.0	19
1630	Influence of HF2â^' geometry on magnetic interactions elucidated from polymorphs of the metalâ€“organic framework [Ni(HF2)(pyz)2]PF6 (pyz = pyrazine). Dalton Transactions, 2012, 41, 7235.	3.3	16
1631	Cyanido-bridged one-dimensional systems assembled from [ReIVCl4(CN)2]2â^' and [MII(cyclam)]2+ (M = Ni,) Tj ETQq1 1 0.784314 rg	8.2	16
1632	Hyperfine magnetic interactions of 57Fe nuclei in NaFeAs arsenide. JETP Letters, 2013, 97, 583-587.	1.4	2
1633	Long-Range Magnetic Ordering at 5.5 K for Cobalt(II)â€“Hydroxide Diamond Chains Isolated by 17 Ã… with Î±-Phenylcinnamate. Inorganic Chemistry, 2013, 52, 2142-2149.	4.0	19
1634	Synthesis and Characterization of MnCrO4, a New Mixed-Valence Antiferromagnet. Inorganic Chemistry, 2013, 52, 11850-11858.	4.0	8
1635	Temperature-Induced and Photo-Induced Phase Transition in a BistableMetal-Cyanide Polymer. , 2013, , 693-727.		0
1636	Thermochromic effects in a Jahnâ€“Teller active ${mathrm{CuCl}}_{6}^{4-}$ layered hybrid system. Journal of Physics Condensed Matter, 2013, 25, 505901.	1.8	26
1637	Local structure and hyperfine interactions of⁵⁷Fe in NaFeAs studied by MÃ¶ssbauer spectroscopy. Journal of Physics Condensed Matter, 2013, 25, 346003.	1.8	6

#	Article	IF	Citations
1638	Two-Dimensional Ferromagnetism of aHe3Film: Influence of Weak Frustration. Physical Review Letters, 2013, 111, 125302.	7.8	9
1639	Large structural transformation and ferromagnetic ordering in a coordination polymer with a two-dimensional square-planar lattice, bis(glycolato)copper(ii). CrystEngComm, 2013, 15, 10193.	2.6	7
1640	Crystal structure and magnetic properties of Pb2Ni(PO4)2. Dalton Transactions, 2013, 42, 5480.	3.3	15
1641	Antiferromagnetic ordering through a hydrogen-bonded network in the molecular solid CuF₂(H₂O)₂(3-chloropyridine). Chemical Communications, 2013, 49, 499-501.	4.1	18
1642	Update 1 of: Calorimetric Investigation of Phase Transitions Occurring in Molecule-Based Magnets. Chemical Reviews, 2013, 113, PR41-PR122.	47.7	92
1643	Colloquium: Spontaneous magnon decays. Reviews of Modern Physics, 2013, 85, 219-242.	45.6	181
1644	Unconventional quantum ordered and disordered states in the highly frustrated spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math>Ising-Heisenberg model on triangles-in-triangles lattices. Physical Review B, 2013, 87, .	3.2	17
1645	Thermal rectification and negative differential thermal resistance in a driven two segment classical Heisenberg chain. Journal of Physics Condensed Matter, 2013, 25, 496006.	1.8	6
1646	A new layered triangular antiferromagnet Li₄FeSbO₆: spin order, field-induced transitions and anomalous critical behavior. Dalton Transactions, 2013, 42, 1550-1566.	3.3	49
1647	PadÃ© approximations for the magnetic susceptibilities of Heisenberg antiferromagnetic spin chains for various spin values. Journal of Physics Condensed Matter, 2013, 25, 065601.	1.8	14
1648	Spin-flop and antiferromagnetic phases of the ferromagnetic half-twist ladder compounds Ba₃Cu₃In₄O₁₂and Ba₃Cu₃Sc₄O₁₂. Journal of Physics Condensed Matter, 2013, 25, 136004.	1.8	9
1649	Copperâ€“halide bonds as magnetic tunnels; structural, magnetic and theoretical studies of trans-bis(2,5-dibromopyridine)dihalo copper(<scp>ii</scp>) and trans-bis(2-bromopyridine)dibromo copper(<scp>ii</scp>). CrystEngComm, 2013, 15, 3111-3118.	2.6	36
1650	{Dy(Î±-fur)3}n: from double relaxation single-ion magnet behavior to 3D ordering. Dalton Transactions, 2013, 42, 10153.	3.3	40
1651	Synthesis, Crystal Structure, and Magnetic Properties of the Coordination Polymer [Fe(NCS)₂(1,2-bis(4-pyridyl)-ethylene)]_n Showing a Two Step Metamagnetic Transition. Inorganic Chemistry, 2013, 52, 1061-1068.	4.0	66
1652	Magnetic Structure and Electromagnetic Properties of LnCrAsO with a ZrCuSiAs-type Structure (Ln =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.6	34
1653	Thermally driven classical Heisenberg model in 1D with a local time varying field. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P12005.	2.3	2
1654	Shell pressure on the core of MnO/Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</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:mn>4</mml:mn></mml:msub></mml:math> nanoparticles. Physical Review B, 2013, 87, .	3.2	12
1655	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math>quasi-one spin waves in CrCl<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, 2013, 88, .	3.2	14

#		IF	Citations
1656	Magnetic phase transition in the low-dimensional compound BaMn<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>Si<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:	3.2	15
1658	Thermodynamics of a Liquid-like Spin State in Molecule-based Magnets with Geometric Frustrations. Chemistry Letters, 2013, 42, 1446-1454.	1.3	12
1659	Calorimetric Study of Phase Transitions in 2D Bimetallic Molecular Magnetic Materials - A[M(II)M(III)(C₂O₄)₃][#]. Current Inorganic Chemistry, 2014, 4, 19-30.	0.2	2
1660	Effect of Phase Shift in Dual-Rail Perfect State Transfer. Communications in Theoretical Physics, 2014, 61, 299-304.	2.5	0
1661	Structural diversity of a series of chlorocadmate(II) and chlorocuprate(II) complexes based on benzylamine and its N-methylated derivatives. Journal of Coordination Chemistry, 2014, 67, 1156-1173.	2.2	19
1662	Synthesis and structure of copper nanoparticles and their antiinfection properties. Inorganic Materials: Applied Research, 2014, 5, 54-60.	0.5	3
1663	Evidence for a dimensionality crossover at the disappearance of magnetism in the Kondo lattice alloyCeCo1â^'xFexSi. Physical Review B, 2014, 89, .	3.2	9
1664	Review: A gentle introduction to magnetism: units, fields, theory, and experiment. Journal of Coordination Chemistry, 2014, 67, 375-439.	2.2	107
1665	Structural relationships among LiNaMg[PO₄]F and Na₂M[PO₄]F (M = Mnâ€“Ni, and Mg), and the magnetic structure of LiNaNi[PO₄]F. Dalton Transactions, 2014, 43, 2044-2051.	3.3	8
1666	Low-frequency Raman study of the ferroelectric phase transition in a layered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="bold">CuCl</mml:mi><mml:mn mathvariant="bold">4</mml:mn></mml:msub></mml:math>-based organic-inorganic hybrid. Physical Review B, 2014, 89, .	3.2	25
1667	Critical properties of the models of small magnetic particles of the antiferromagnet MnF2. Journal of Experimental and Theoretical Physics, 2014, 118, 904-908.	0.9	1
1668	Magnetic relaxation versus 3D long-range ordering in {Dy₂Ba(Î±-fur)₈}_nfuroate polymers. Dalton Transactions, 2014, 43, 10999-11013.	3.3	14
1669	On the Nature of the Structural and Magnetic Phase Transitions in the Layered Perovskite-Like (CH₃NH₃)₂[Fe^{II}Cl₄]. Inorganic Chemistry, 2014, 53, 2068-2075.	4.0	54
1670	In the dawn of magnets made from molecules. Chemical Communications, 2014, 50, 11437-11439.	4.1	5
1671	Crystal Structure and Magnetic Properties of FeSeO₃Fâ€”Alternating Antiferromagnetic S = 5/2 chains. Inorganic Chemistry, 2014, 53, 4250-4256.	4.0	37
1672	Field-induced spin-flop transition in a one-dimensional chain of MnV2O6. Journal of the Korean Physical Society, 2014, 64, 710-714.	0.7	5
1673	Modulated quasi-two-dimensional antiferromagnetic structures in La1 â^' y Nd y MnO3 + Î´ manganites. Physics of the Solid State, 2014, 56, 473-486.	0.6	1
1674	Superfluid spin transport through antiferromagnetic insulators. Physical Review B, 2014, 90, .	3.2	155

#	Article	IF	Citations
1675	A Co(<scp>ii</scp>) thiocyanato coordination polymer with 4-(3-phenylpropyl)pyridine: the influence of the co-ligand on the magnetic properties. Dalton Transactions, 2014, 43, 17333-17342.	3.3	67
1676	Strong Suppression of Magnetic Ordering in an S = 1/2 Square-Lattice Heisenberg Antiferromagnet Sr₂CuTeO₆. Journal of the Physical Society of Japan, 2014, 83, 115001.	1.6	13
1677	New weakly periodic Gibbs measures of Ising model on Cayley tree. Russian Mathematics, 2015, 59, 45-53.	0.4	7
1679	Absence of actual plateaus in zero-temperature magnetization curves of quantum spin clusters and chains. Physical Review B, 2015, 92, .	3.2	18
1680	One Dimensional(1D)-to-2D Crossover of Spin Correlations in the 3D Magnet ZnMn2O4. Scientific Reports, 2015, 5, 17771.	3.3	12
1681	Thermally driven classical Heisenberg chain with a spatially varying magnetic field: thermal rectification and negative differential thermal resistance. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P02015.	2.3	3
1682	Magnetism: General Introductionâ˜†. , 2015, , .		2
1683	Magnetic and structural phase transitions of multiferroic borocites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>M</mml:mi><mml:mn>3</mml:mn></mml: mathvariant="normal">B</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:msub><mml:mi		

#	Article	IF	Citations
1694	Entropy Bottlenecks at T $$,ightarrow ,$$ â†' 0 in Ce-Lattice and Related Compounds. Journal of Low Temperature Physics, 2015, 179, 126-137.	1.4	13
1695	Presence or absence of order by disorder in a highly frustrated region of the spin-1/2 Ising-Heisenberg model on triangulated Husimi lattices. Physical Review E, 2015, 91, 052143.	2.1	14
1696	Non-convergent perturbation theory and misleading inferences about parameter relationships: The case of superexchange. Annals of Physics, 2015, 360, 33-43.	2.8	2
1697	Antiferromagnetic and nematic phase transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BaF</mml:mi><mml:msub><mml:mi		

#	Article	IF	Citations
1712	Orbitally induced hierarchy of exchange interactions in the zigzag antiferromagnetic state of honeycomb silver delafossite Ag₃Co₂SbO₆. Dalton Transactions, 2016, 45, 7373-7384.	3.3	36
1713	Magnetic behavior of manganese bromide hydrates including deuteration effects. Journal of Magnetism and Magnetic Materials, 2016, 410, 63-71.	2.3	3
1714	Organicâ€“Inorganic Perovskites: Structural Versatility for Functional Materials Design. Chemical Reviews, 2016, 116, 4558-4596.	47.7	2,147
1715	Biomimetic Transformation by a Crystal of a Chiral Mn^{II}â€“Cr^{III} Ferrimagnetic Prussian Blue Analogue. Chemistry of Materials, 2016, 28, 7029-7038.	6.7	25
1716	Magnetically driven anisotropic structural changes in the atomic laminate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>GaC</mml:mi></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	44
1717	Chiral magnetization steps in the antiferromagnetic itinerant-electron system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>12</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	34
1718	Tellurium-bridged two-leg spin ladder in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	16
1719	High-pressure magnetic state of MnP probed by means of muon-spin rotation. Physical Review B, 2016, 93, .	3.2	24
1720	Thermodynamic properties of antiferromagnetic ordered states ofÏ€â^'dinteracting systems ofÎºâ^'(BETS)2FeX4(X=Br,Cl). Physical Review B, 2016, 93, .	3.2	9
1721	The Rule Rather than the Exception: Structural Flexibility of [Ni(cyclam)]²⁺-Based Cyano-Bridged Magnetic Networks. Crystal Growth and Design, 2016, 16, 4736-4743.	3.0	16
1722	Kinetics of Cluster Growth on a Lattice. , 2016, , 367-462.		0
1725	Spinâ€“orbit coupled molecular quantum magnetism realized in inorganic solid. Nature Communications, 2016, 7, 12912.	12.8	14
1726	Possible Bose-Einstein condensate associated with an orbital degree of freedom in the Mott insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>CaCr</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 94, .	3.2	6
1727	Control of antiferromagnetic domain distribution via polarization-dependent optical annealing. Nature Communications, 2016, 7, 10720.	12.8	17
1728	Intriguing Optoelectronic Properties of Metal Halide Perovskites. Chemical Reviews, 2016, 116, 12956-13008.	47.7	1,343
1729	Composition dependent behavior in the ternary mixed magnetic insulator Co 1â^'x Mn y Ni xâ^'y Cl 2 Â·2H 2 O. Physica B: Condensed Matter, 2016, 488, 24-31.	2.7	0
1730	Single crystal growth of spin-ladder compound La8Cu7O19 by the travelling-solvent floating zone method. Journal of Crystal Growth, 2016, 448, 21-28.	1.5	2
1731	Synthesis, Crystal Structure, and Magnetic Properties of a Chiral Cyanide-Bridged Bimetallic Framework K₃[Mn^{II}(<scp>l</scp>-asp)]₆[Cr^{III}(CN)₆]Â·2H₂O. Inorganic Chemistry, 2016, 55, 300-306.	4.9	8

#	Article	IF	Citations
1732	Thermal conductivity of the diamond-chain compound Cu₃(CO₃)₂(OH)₂. Journal of Physics Condensed Matter, 2016, 28, 056002.	1.8	9
1733	Antiferromagnetic spin chain behavior and a transition to 3D magnetic order in Cu(D,L-alanine) 2 : Roles of H-bonds. Solid State Sciences, 2016, 55, 144-151.	3.2	6
1734	Spin frustration of a spin-1/2 Isingâ€“Heisenberg three-leg tube as an indispensable ground for thermal entanglement. Journal of Magnetism and Magnetic Materials, 2016, 409, 124-133.	2.3	33
1735	Emergent reduced dimensionality by vertex frustration in artificial spin ice. Nature Physics, 2016, 12, 162-165.	16.7	117
1736	Exfoliating biocompatible ferromagnetic Cr-trihalide monolayers. Physical Chemistry Chemical Physics, 2016, 18, 8777-8784.	2.8	273
1737	Magnetic behavior of cobalt bromide hydrates including a deuterated form. Journal of Magnetism and Magnetic Materials, 2017, 428, 158-164.	2.3	2
1738	Continuum of compensation points in the mixed spin Ising ferrimagnet with four-spin interaction and next-nearest neighbor coupling. Phase Transitions, 2017, 90, 485-499.	1.3	12
1739	Realization of a spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml anisotropic square lattice in a quasi-two-dimensional quantum antiferromagnet<mml:math		

#	Article	IF	Citations
1751	Isolation and Characterization of Few-Layer Manganese Thiophosphite. ACS Nano, 2017, 11, 11330-11336.	14.6	98
1752	Spin superfluid Josephson quantum devices. Physical Review B, 2017, 95, .	3.2	9
1753	Re-examination of Successive Structural Phase Transitions in (C₃H₇NH₃)₂CuCl₄Using Birefringence Imaging and Electron Paramagnetic Resonance Spectroscopy. Journal of the Physical Society of Japan, 2017, 86, 114710.	1.6	6
1754	High-resolution resonant inelastic extreme ultraviolet scattering from orbital and spin excitations in a Heisenberg antiferromagnet. Physical Review B, 2017, 96, .	3.2	0
1755	Large exchange anisotropy in quasi-one-dimensional spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml fluoride antiferromagnets with a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>d</mml:mi><mml:msup><mml:mrow><mml:mo>(</mml: ground state. Physical Review B, 2017, 96, .	3.2	15
1756	Magnetic order and interactions in ferrimagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mn>3</mml:mn></mml:m Physical Review B, 2017, 95, .	3.2	40
1757	Theoretical prediction of antiferromagnetism in layered perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2017, 95, .	3.2	11
1758	Electrically driven Bose-Einstein condensation of magnons in antiferromagnets. Physical Review B, 2017, 95, .	3.2	20
1759	Magnetization Process and Magnetocaloric Effect of the Spin-1/2 XXZ Heisenberg Cuboctahedron. Journal of Low Temperature Physics, 2017, 187, 727-733.	1.4	16
1760	Magnetic properties of nickel halide hydrates including deuteration effects. Journal of Magnetism and Magnetic Materials, 2017, 421, 393-402.	2.3	3
1761	Precessional one-dimensional solitons in antiferromagnets with low dynamic symmetry. Low Temperature Physics, 2017, 43, 1283-1289.	0.6	6
1762	Magnetic Relaxation of Lanthanide-Based Molecular Magnets. Handbook of Magnetic Materials, 2017, 26, 1-289.	0.6	14
1763	The Diversity of Layered Halide Perovskites. Annual Review of Materials Research, 2018, 48, 111-136.	9.3	132
1764	Heterobimetallic Dy-Cu coordination compound as a classical-quantum ferrimagnetic chain of regularly alternating Ising and Heisenberg spins. Journal of Magnetism and Magnetic Materials, 2018, 460, 368-380.	2.3	13
1765	Non-conserved magnetization operator and â€˜fire-and-iceâ€™ ground states in the Ising-Heisenberg diamond chain. Journal of Magnetism and Magnetic Materials, 2018, 454, 85-96.	2.3	7
1766	Multiple magnetization steps and plateaus across the antiferromagnetic to ferromagnetic transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal"><</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">F<	3.2	15
1767	Metal organic framework Cu9Cl2(cpa)6 as tunable molecular magnet. AIP Advances, 2018, 8, 055802.	1.3	7
1768	Magnon diffusion theory for the spin Seebeck effect in ferromagnetic and antiferromagnetic insulators. Journal Physics D: Applied Physics, 2018, 51, 174004.	2.8	35

#	Article	IF	Citations
1769	Microscopic Insights on the Multiferroic Perovskiteâ€Like [CH₃NH₃][Co(COOH)₃] Compound. Chemistry - A European Journal, 2018, 24, 388-399.	3.3	16
1770	Low-temperature properties of finiteXX-chains with additional Ising spin. Low Temperature Physics, 2018, 44, 1285-1292.	0.6	0
1771	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeIr</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> A local moment antiferromagnetic metal with extremely low ordering temperature. Physical Review B, 2018, 98, .	3.2	8
1772	Low-Dimensional Magnetic Properties of Natural and Synthetic Mixite (Bi,Ca)Cu₆(OH)₆(AsO₄)₃Â·nH₂O (n â‰ˆ 3) and Goudeyite YCu₆(OH)₆(AsO₄)₃Â·nH₂O (n) Tj ETQq1 1 0.784314 rg	1.2	2
1773	Vibrational properties and magnetic specific heat of the covalent chain antiferromagnet RbFeSe2. Physical Review B, 2018, 98, .	3.2	5
1774	Electronic Structure and Magnetic Coupling of Pure and Mg-Doped KCuF3. Advances in Condensed Matter Physics, 2018, 2018, 1-10.	1.1	1
1775	Some novel manganese(III) porphyrins with catalytic properties. Journal of Coordination Chemistry, 2018, 71, 3090-3098.	2.2	3
1776	Phase diagram and re-entrant fermionic entanglement in a hybrid Ising-Hubbard ladder. Physical Review E, 2018, 97, 052115.	2.1	10
1777	Synthesis and Characterization of the Aurivillius Phase CoBi₂O₂F₄. Inorganic Chemistry, 2018, 57, 9115-9121.	4.0	9
1778	Phase diagram of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:mrow></mml:math> frustrated anisotropic antiferromagnet with spin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math>	2.1	12
1779	Valence-bond-glass state with a singlet gap in the spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math> square-lattice random <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:mrow></mml:math> Heisenberg antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Ma. Physical Review B, 2018, 98, .	3.2	23
1780	Renormalized Gaussian approach to size effects and exchange interactions: Application to localized ferromagnets and amorphous magnets. Journal of Magnetism and Magnetic Materials, 2018, 465, 611-620.	2.3	5
1781	MnIIIâ€“FeII Heterometallic Compounds within Hydrogen-Bonded Supramolecular Networks Promoted by an [Fe(CN)5(CNH)]2â€“ Building Block: Structural and Magnetic Properties. Inorganic Chemistry, 2018, 57, 7892-7903.	4.0	8
1782	Thermodynamic and magnetic properties of compounds in the system MeOâ€“Nd₂O₃â€“Mo(W)O₃ (Me = Mg, Ca, Sr). Materials Research Express, 2019, 6, 106109.	1.6	4
1783	Synthesis, structure and magnetic properties of honeycomb-layered Li₃Co₂SbO₆ with new data on its sodium precursor, Na₃Co₂SbO₆. New Journal of Chemistry, 2019, 43, 13545-13553.	2.8	32
1784	Thermodynamic properties and rare-earth spectroscopy of Cu3Nd(SeO3)2O2X (Xâ€¯=â€¯Cl, Br). Journal of Magnetism and Magnetic Materials, 2019, 492, 165721.	2.3	11
1785	Crystal-field levels of Nd3+ in a new langasite compound Nd3CrGe3Be2O14. Journal of Rare Earths, 2019, 37, 1250-1254.	4.8	1
1786	Introduction to antiferromagnetic magnons. Journal of Applied Physics, 2019, 126, .	2.5	157

#	Article	IF	Citations
1787	Interplay of magnetic field and interlayer coupling in the quasi-two-dimensional quantum magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mtext>Cu(en)</mml:mtext><mml:msub><mml:mi>Cl</mml:mi><mml:mn> : Realization of the spin-1/2 rectangular/zigzag square Heisenberg lattice. Physical Review B, 2019, 100, .	3.2	7
1788	Magnetic and Electronic Properties of Ï€-d Interacting Molecular Magnetic Superconductor Î²-(BETS)2FeX4 (X = Cl, Br) Studied by Angle-Resolved Heat Capacity Measurements. Crystals, 2019, 9, 66.	2.2	6
1789	Magnetic-field-driven quantum criticality of the Ising-class square lattice Cr(dien) <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mi) Tj ETQq0 0 0 rgBT /O mathvariant="normal">H</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi></mml:mrow></mml:math> and the orientation depende. Physical Review B, 2019, 99, .	3.2	0
1790	Determining the phase diagram of atomically thin layered antiferromagnet CrCl3. Nature Nanotechnology, 2019, 14, 1116-1122.	31.5	99
1791	Curie temperature of emerging two-dimensional magnetic structures. Physical Review B, 2019, 100, .	3.2	47
1792	Synthesis of a Novel Manganese(III) Porphyrin and Its Catalytic Role in Selective Oxidation of Aromatic Alcohols. Russian Journal of Inorganic Chemistry, 2019, 64, 1101-1104.	1.3	6
1793	Breakdown of intermediate one-half magnetization plateau of spin-1/2 Ising-Heisenberg and Heisenberg branched chains at triple and Kosterlitz-Thouless critical points. Physical Review E, 2019, 100, 042127.	2.1	11
1794	Comparing Magnetism in Isostructural Oxides A_{0.8}La_{1.2}MnO_{4.1}: Anisotropic Spin Glass (A = Ba) versus Long-Range Order (A = Sr). Chemistry of Materials, 2019, 31, 7833-7844.	6.7	6
1795	Chemical potential of an antiferromagnetic magnon gas. Physical Review B, 2019, 100, .	3.2	13
1796	Sample-size dependent temperature dependence of the spontaneous magnetization. Journal of Magnetism and Magnetic Materials, 2019, 491, 165632.	2.3	3
1797	Tuning the Luminescence of Layered Halide Perovskites. Chemical Reviews, 2019, 119, 3104-3139.	47.7	545
1798	Hybrid exact diagonalization and density matrix renormalization group approach to the thermodynamics of one-dimensional quantum models. Physical Review B, 2019, 99, .	3.2	10
1799	Magnetic 2D materials and heterostructures. Nature Nanotechnology, 2019, 14, 408-419.	31.5	1,109
1800	Atomically Thin CrCl₃: An In-Plane Layered Antiferromagnetic Insulator. Nano Letters, 2019, 19, 3993-3998.	9.1	240
1801	Spin ordering and hyperfine interactions in langasite-like ferrite Ba3SbFe3Si2O14: 57Fe MÃ¶ssbauer reinvestigation and ESR measurements. Journal of Alloys and Compounds, 2019, 797, 432-442.	5.5	5
1802	Anisotropic magnetization plateaus in Seff=1/2 skew-chain single-crystal Co2V2O7. Physical Review B, 2019, 99, .	3.2	16
1803	Magnetic properties in graphene-like nanoisland bilayer: Monte Carlo study. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 112, 86-95.	2.7	41
1804	One-dimensionalization by Geometrical Frustration in the Anisotropic Triangular Lattice of the 5d Quantum Antiferromagnet Ca₃ReO₅Cl₂. Journal of the Physical Society of Japan, 2019, 88, 044708.	1.6	14

#	Article	IF	Citations
1805	Structural and Functional Diversity in Leadâ€Free Halide Perovskite Materials. Advanced Materials, 2019, 31, e1900326.	21.0	198
1806	Magnetic and magneto-elastic couplings in the low-dimensional Heisenberg quantum magnet Cs2CuCl2Br2 with octahedral Cu coordination. Journal of Magnetism and Magnetic Materials, 2019, 480, 108-111.	2.3	1
1807	Slow Magnetic Relaxation of Co(II) Single Chains Embedded within Metalâ€“Organic Superstructures. Inorganic Chemistry, 2019, 58, 3764-3773.	4.0	20
1808	Anomalous magnetic behavior of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> with isolated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CoO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>	3.2	8
1809	Frustration-free spatially anisotropic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math> square-lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ni</mml:mi><mml:mo>[</mml:mo></mml:mrow></mml:math>	3.2	4
1810	Physical Review B, 2019, 99. <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:math> metal oxides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mi>A</mml:mi><mml:mi>Os</mml:mi></mml:mrow></mml:math>		

#	Article	IF	Citations
1823	Syntheses, structures and properties of copper(II) and cobalt(II) complexes with 5(3)-amino-2-chloro-3(5)-methylpyridine isomer cations. Inorganica Chimica Acta, 2020, 500, 119246.	2.4	7
1824	MnSnTeO6: A Chiral Antiferromagnet Prepared by a Two-Step Topotactic Transformation. Inorganic Chemistry, 2020, 59, 1532-1546.	4.0	0
1825	High Compressionâ€Induced Conductivity in a Layered Cuâ€“Br Perovskite. Angewandte Chemie - International Edition, 2020, 59, 4017-4022.	13.8	23
1826	Long-range and short-range ordering in 2D honeycomb-lattice magnet Na2Ni2TeO6. Journal of Alloys and Compounds, 2020, 820, 153354.	5.5	19
1827	Extended temperature regions of multiferroicity in nanoscale CuO. Journal of Chemical Thermodynamics, 2020, 142, 106012.	2.0	4
1828	Hidden magnetic order in the triangular-lattice magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Li</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mrow></mml:mrow></mml:mrow></mml:math> Physical Review B, 2020, 102, .	3.2	6
1829	Evidence of discrete energy states and cluster-glass behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mrow></mml:mrow></mml:msub><mml:mn>2</mml:mn></mml:mrow></mml:math> Physical Review B, 2020, 102, .	3.2	19
1830	Magnetism and its coexistence with superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ca</mml:mi><mml:mi mathvariant="normal">K</mml:mi><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mrow></mml:mrow></mml:msub> Physical Review B, 2020, 102, .	3.2	4
1831	Extremely well isolated two-dimensional spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math> antiferromagnetic Heisenberg layers with a small exchange coupling in the molecular-based magnet CuPOF. Physical Review B, 2020, 102, .	3.2	8
1832	Prospects of lead-free perovskite-inspired materials for photovoltaic applications. Energy and Environmental Science, 2020, 13, 4691-4716.	30.8	47
1833	Exact and density matrix renormalization group studies of two mixed spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mfrac><mml:mn>1</mml:mn> branched-chain models developed for a heterotrimetallic Fe-Mn-Cu coordination polymer. Physical Review B, 2020, 102, .	3.2	15
1834	Fractons from frustration in hole-doped antiferromagnets. Npj Quantum Materials, 2020, 5, .	5.2	12
1835	Unconventional strengthening of the bipartite entanglement of a mixed spin-(1/2,1) Heisenberg dimer achieved through Zeeman splitting. Physical Review B, 2020, 102, .	3.2	18
1836	Splitting of antiferromagnetic resonance modes in the quasi-two-dimensional collinear antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Cu</mml:mi><mml:mo>(</mml:mo><mml:mi>en</mml:mi> /><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>SO</mml:mi><mml:mn>4</mml:mn></mml: Physical	3.2	2
1837	Exceedingly small moment itinerant ferromagnetism of single crystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mn></mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2020, 101, .	3.2	6
1838	Observation of Magnetic Proximity Effect Using Resonant Optical Spectroscopy of an Electrically Tunable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow></mml:msub> Heterostructure. Physical Review Letters, 2020, 124, 197401.	7.8	80
1839	A novel critical behavior of the spin-1 Blumeâ€“Capel model with a distance-dependent nearest-neighbor exchange interaction and magneto-elastic coupling. Journal of Physics Condensed Matter, 2020, 32, 335801.	1.8	3
1840	Thermodynamic properties of the one-dimensional Ising model with magnetoelastic interaction. Journal of Magnetism and Magnetic Materials, 2020, 507, 166825.	2.3	7

#		IF	Citations
1841	Magnetic properties of the one-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mn>3</mml:mn> Heisenberg antiferromagnetic spin-chain compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Na</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvaria	3.2	11
1842	Pulsed spallation neutron spectroscopy of low dimensional magnets: past, present, and future. Journal of Physics Condensed Matter, 2020, 32, 374004.	1.8	2
1843	First-principles study the single-layer transition metal trihalide CrXSe₃ (Xâ€‰â€‰=â€‰â€‰Sn, Ge, Si) as monolayer ferromagnetic semiconductor. Journal of Physics Condensed Matter, 2020, 32, 085801.	1.8	5
1844	Prospects and Opportunities of 2D van der Waals Magnetic Systems. Annalen Der Physik, 2020, 532, 1900452.	2.4	76
1845	Impact of isoelectronic substitution and hydrostatic pressure on the quantum critical properties of CeRhSi₃. Journal of Physics Condensed Matter, 2020, 32, 425601.	1.8	1
1846	Peculiarities of magnetic ordering in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>5</mml:mn> two-dimensional square-lattice antimonate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>NaMnSb</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	3.2	4
1847	Bosonic and magnonic magnon dispersions. Journal of Magnetism and Magnetic Materials, 2020, 502, 166533.	2.3	8
1848	Critical behavior in the layered organic-inorganic hybrid (CH₃NH₃)₂CuCl₄*. Chinese Physics B, 2020, 29, 067503.	1.4	3
1849	Thermodynamics of antiferromagnetic solids in magnetic fields. Annals of Physics, 2020, 418, 168168.	2.8	2
1850	Physical properties of a quasi-1D Ising S = Â½ spin system: Ba4CoPt2O9+Î”. Journal of Magnetism and Magnetic Materials, 2020, 508, 166877.	2.3	1
1851	Chemistry of Quantum Spin Liquids. Chemical Reviews, 2021, 121, 2898-2934.	47.7	89
1852	Anisotropy and Crystal Field. , 2021, , 1-83.		1
1854	Quantum disordered state in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub><mml:mt square-lattice antiferromagnet <mml:math		

#	Article	IF	Citations
1861	Structure and magnetic properties of the S = 3/2 zigzag spin chain antiferromagnet BaCoTe2O7. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	11
1862	Regulation of the phase transition temperature and hysteresis width by changing the composition of <mml:math		

#	Article	IF	Citations
1882	Potential Applications of Molecular Metals. , 1979, , 471-489.		2
1883	The Synthesis and Static Magnetic Properties of First-Row Transition-Metal Compounds with Chain Structures. , 1983, , 43-142.		31
1884	Ferromagnetism in Linear Chains. , 1983, , 143-191.		18
1885	Magnetic Resonance in Ion-Radical Organic Solids. , 1983, , 193-261.		9
1886	Magnetic phenomena in layered and intercalated compounds. NATO ASI Series Series B: Physics, 1987, , 79-103.	0.2	5
1887	MÃ¶ssbauer Spectroscopy of Silicate Minerals. , 1984, , 443-509.		76
1889	Magnetism of Quantum-Classical Ferrimagnetic Chains Showing Alternate Heisenberg Coupling: Application to MnCu (Obp)(H2O)3, H2O. NATO ASI Series Series B: Physics, 1987, , 413-416.	0.2	2
1890	Insulating Magnetic Chains: Recent Models and Materials. NATO ASI Series Series B: Physics, 1987, , 75-92.	0.2	4
1891	Magnetic Interactions in Linear Chain Crystals. , 1975, , 45-64.		3
1892	Neutron Scattering and the Magnetic Response of Superconductors and Related Compounds. , 2008, , 993-1029.		5
1893	Photo-Induced Phase Transition in RbMnFe Prussian Blue Analog-Based Magnet. Springer Series in Optical Sciences, 2010, , 1-35.	0.7	3
1894	Dipolar Magnetic Order in Crystals of Molecular Nanomagnets. Nanoscience and Technology, 2014, , 161-190.	1.5	2
1895	Phase Transitions and Critical Phenomena. Topics in Current Physics, 1978, , 197-242.	0.5	6
1896	Static Thermodynamic Properties of Site-Random Magnetic Systems and the Percolation Problem. Springer Series in Solid-state Sciences, 1983, , 172-194.	0.3	9
1897	Spin Dynamics. Springer Series in Solid-state Sciences, 1983, , 82-98.	0.3	1
1898	in Solid-state Sciences, 1984, , 201-206.	0.3	1
1899	Magnetic and Electronic Correlations in YBa2Cu3O6+x. Springer Series in Solid-state Sciences, 1990, , 422-440.	0.3	5
1900	Magnetic Intercalation Compounds of Graphite. Springer Series in Materials Science, 1992, , 247-345.	0.6	3

#	Article	IF	Citations
1901	Dimers and Clusters. Inorganic Chemistry Concepts, 1977, , 77-108.	0.8	3
1902	Long-Range Order. Inorganic Chemistry Concepts, 1977, , 109-141.	0.8	9
1903	Phase Diagrams of Mixtures and Magnetic Systems. Topics in Current Physics, 1979, , 121-143.	0.5	2
1904	Spin Waves in Two-Dimensional Magnetic Systems: Theory And Applications. Physics and Chemistry of Materials With Low-dimensional Structures, 1990, , 191-229.	1.0	8
1905	Phase Transitions in Quasi Two-Dimensional Planar Magnets. Physics and Chemistry of Materials With Low-dimensional Structures, 1990, , 271-321.	1.0	28
1906	Magneto-Structural Correlations in Extended Magnetic Chain Systems. , 1985, , 1-35.		4
1907	One-Dimensional Magnetic Systems. , 1985, , 157-205.		16
1908	Nuclear Magnetic Resonance in Exchange Coupled Systems. , 1985, , 207-240.		2
1909	Survey of Metal Chain Compounds. , 1980, , 305-320.		3
1910	Spin Hamiltonians and Theoretical Models. , 1980, , 143-164.		3
1911	Optical properties of A2CuCl4 layer perovskites under pressure. Structural correlations. , 2001, , 143-153.		4
1912	Towards High TC Ferro and Ferrimagnetic BI and Tridimensional Materials from Molecular Precursors. , 1991, , 281-295.		35
1913	Introduction to Metal Cluster Compounds: From Molecule to Metal!. Physics and Chemistry of Materials With Low-dimensional Structures, 1994, , 1-39.	1.0	8
1914	Disorder and Dimensionality in Molecule-Based Magnets. , 1996, , 415-424.		2
1915	The magnetism of nickel monolayers. Applied Physics A: Materials Science and Processing, 1996, 62, 417-427.	2.3	9
1916	CRITICAL PHENOMENA IN A LOW GRAVITY ENVIRONMENT. , 1978, , 495-506.		2
1917	Nonlinear Effects in Low-dimensional Magnets. Modern Problems in Condensed Matter Sciences, 1986, 17, 783-856.	0.1	3
1918	Coupled fields in one dimension : cross-over from a continuous symmetry to a discrete one. Journal De Physique, 1978, 39, 993-1002.	1.8	9

#	Article	IF	Citations
1919	Kosterlitz-Thouless transition in (CH3NH3)2. CuCl4. Journal De Physique, 1987, 48, 2103-2110.	1.8	14
1920	Phase boundaries of antiferromagnetic Cs2[FeCl5(H 2O)]. Journal De Physique (Paris), Lettres, 1978, 39, 279-281.	2.8	15
1921	Anomalous behaviour of the Curie temperature of Au-Ni-Au sandwiches at ultra-low Ni thickness. Journal De Physique (Paris), Lettres, 1985, 46, 59-64.	2.8	11
1922	Magnetocaloric effect in 2D-alkylammonium copper halides layered inorganic-organic systems. Journal of Applied Physics, 2020, 127, .	2.5	11
1923	Lattice dynamics and electronic transitions in a structurally complex layered copper borate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mn>3</mml:mn></mml: Physical Review B, 2017, 96, .	3.2	6
1924	Incommensurate magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>MnS</mml:mi><mml:mn and prospects for tunable frustration in a triangular lattice of pseudo-1D spin chains. Physical Review	2.4	6
1925	Large spin-driven dielectric response and magnetoelectric coupling in the buckled honeycomb <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Nb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2020, 4, .	2.4	8
1926	On the Magnetic Field Dependence of First Order Light Scattering by Antiferromagnets. Journal of the Physical Society of Japan, 1975, 39, 938-948.	1.6	3
1927	Phase Transition of a Nearly Heisenberg Layer Antiferromagnet Cu(HCOO)2Â·2(NH2)2COÂ·2H2O. Journal of the Physical Society of Japan, 1976, 40, 1300-1304.	1.6	14
1928	Proton Resonance Study of the Antiferromagnetic State of Two-Dimensional Cu(HCOO)2Â·4D2O. Journal of the Physical Society of Japan, 1977, 42, 445-452.	1.6	5
1929	High Field Magnetization Measurements on CuCl22H2O. Journal of the Physical Society of Japan, 1978, 44, 1804-1808.	1.6	5
1930	Oblique-Antiferromagnetic phase of a Random Magnetic Mixture, CsMn1-xCoxCl32H2O. Journal of the Physical Society of Japan, 1980, 49, 74-80.	1.6	30
1931	Birefringence Measurements on Substitutionally Random Two-Dimensional Antiferromagnets K2Ni1-xCoxF4. Journal of the Physical Society of Japan, 1983, 52, 4206-4212.	1.6	7
1932	Effects of Diagonal Interchain Exchange Interaction on the ESR Modes ofABX3-Type Triangular Antiferromagnets. Journal of the Physical Society of Japan, 1996, 65, 1799-1811.	1.6	13
1933	Effects of Random Fields on the Phase Diagram in the Field-Temperature Plane of the Diluted Antiferromagnet MnxMg 1-xTiO 3. Journal of the Physical Society of Japan, 2000, 69, 3027-3039.	1.6	3
1934	MAGNETIC ORDERING OF K2CuF4 AND THE RANDOMLY MIXED SYSTEMS -AN OBSERVATION OF MAGNETIC DOMAIN BY FARADAY EFFECT AT LOW TEMPERATURES-. Journal of the Magnetics Society of Japan, 1987, 11, S1_91-94.	0.4	2
1935	Multiple magnetic phase transitions with different universality classes in bilayer La$$_{1.4}$$Sr$$_{1.6}$$Mn$$_{2}$$O$$_7$$ manganite. Scientific Reports, 2021, 11, 21184.	3.3	8
1936	Electronic and Magnetic Properties of Cuprate Chains and Related Materials. , 2001, , 81-134.		0

#	Article	IF	Citations
1938	Ground-State Energy of Biquadratic Spin Systems (S=3/2) in the (1/z)1-Approximation. Acta Physica Polonica A, 2003, 103, 403-414.	0.5	0
1939	Ultrasonics in Low Dimensional Spin and Electronic Peierls-Systems. Springer Series in Solid-state Sciences, 2007, , 289-325.	0.3	0
1943	Experimental Study of the Thermal Transport in CsNiF₃- An S = 1 Quantum Chain. Acta Physica Polonica A, 2012, 121, 1098-1101.	0.5	1
1944	Nature of First-Order Transition in Planar Rotator Model with Modified Potential. Journal of Modern Physics, 2013, 04, 140-145.	0.6	0
1945	Magnetooptical Investigations of the 2-Dimensional Ferromagnet (CH3NH3)2CuCl4. , 1974, , 936-940.		1
1946	Thermal and Magnetic Behavior of One-Dimensional Magnets. , 1975, , 125-146.		0
1948	Special Topics: Spin-Flop, Metamagnetism, Ferrimagnetism and Canting. Inorganic Chemistry Concepts, 1977, , 172-194.	0.8	1
1949	Short-Range Order. Inorganic Chemistry Concepts, 1977, , 142-171.	0.8	0
1950	Magnetic Scattering. Topics in Current Physics, 1977, , 331-374.	0.5	0
1951	Magnetism of Mixed-Valence Compounds. , 1980, , 191-241.		0
1953	An Added Dimensionâ€"Two-Dimensional Analogs of One-Dimensional Materials. , 1982, , 1-57.		0
1954	High Pressure and High Magnetic Field Effects on Spin-Peierls Systems. Physica Scripta, 1982, T1, 24-24.	2.5	0
1955	CLASSIFICATION OF OPTICAL ABSORPTION SPECTRA IN 2D ANTIFERROMAGNET [NH3(CH2)nNH3]MnCl4 (n=2,) Tj ETQq0 0 0 rgBT /Ove	0.4	0
1956	Quantum Energy Gap in the S=1 Heisenberg Antiferromagnet NENP: Experimental Data and Haldane Conjecture. NATO ASI Series Series B: Physics, 1987, , 449-452.	0.2	0
1957	Investigation of One- and Two-Dimensional Quantum Spin Systems by Monte Carlo Simulations. Springer Series in Solid-state Sciences, 1987, , 64-74.	0.3	7
1958	Are Metal-Oxide Superconductors Charged Bosonic Superfluids?. , 1989, , 133-141.		0
1961	Physically Interesting Nonlinear Differential Equations. , 1990, , 55-80.		0
1963	Electronic Properties of Metalcluster Compounds: Nanophase Materials from Chemical Synthesis. , 1994, , 349-369.		0

#	Article	IF	Citations
1965	Non-Linear Excitations in Haldane Spin Chains. NATO ASI Series Series B: Physics, 1994, , 153-164.	0.2	0
1966	Thermodynamics and statistical mechanics (in equilibrium). , 1995, , 521-584.		1
1967	LARGE-SCALE SIMULATIONS OF PHASE TRANSITIONS AND LOW-DIMENSIONAL MAGNETS. Computational Methods in Science and Technology, 1996, 1, 55-98.	0.3	0
1968	Collective Excitations in Magnetic Materials. NATO ASI Series Series B: Physics, 1997, , 275-302.	0.2	0
1969	Magnetic Excitations in La2-x (Ba,Sr) x CuO4. Physics and Chemistry of Materials With Low-dimensional Structures, 1998, , 135-164.	1.0	1
1970	Scaling Behavior of the 2D XY Model Revisited. Springer Proceedings in Physics, 1998, , 257-261.	0.2	0
1972	Magnetic Systems. Graduate Texts in Physics, 2017, , 241-271.	0.2	0
1974	Carnot Principle. Graduate Texts in Physics, 2017, , 13-29.	0.2	0
1975	Dispersion Equation Obtained by a Semiclassical Model in a Discrete Ferromagnetic System. , 0, , .		0
1976	Slow Magnetic Relaxation in the Highly Anisotropic Layered Crystal CsNd(MoO₄)₂. Acta Physica Polonica A, 2018, 133, 466-469.	0.5	0
1977	Experimental measures of topological sector fluctuations in the F-model. Physical Review B, 2020, 102, .	3.2	2
1978	Insights into nature of a magnetization plateau of 3d-4f coordination polymer [Dy2Cu2]n from a spin-1/2 Ising-Heisenberg orthogonal-dimer chain. Condensed Matter Physics, 2020, 23, 43708.	0.7	5
1979	High Compressionâ€Induced Conductivity in a Layered Cuâ€“Br Perovskite. Angewandte Chemie, 2020, 132, 4046-4051.	2.0	7
1980	Magnetic Surfaces, Thin Films and Nanostructures. Springer Handbooks, 2020, , 625-698.	0.6	3
1981	Controlling Spin Orientation and Metamagnetic Transitions in Anisotropic van der Waals Antiferromagnet CrPS₄ by Hydrostatic Pressure. Advanced Functional Materials, 2022, 32, 2106592.	14.9	6
1982	The superexchange mechanism in crystalline compounds. The case of KMF₃ (M = Mn, Fe, Co,) Tj ETQq1 1 0.784314 rgBT	1.8	3
1983	Muon spin rotation of organic compounds. , 2007, , 179-208.		0
1989	1.1.8 References for the introduction. , 0, , 40-45.		0

#	Article	IF	Citations
1990	1.1.3.7 Dimers and clusters, linear chain and planar magnetic systems. , 0, , 14-16.		0
1991	1.1.3.8 Long-range order: ferromagnetism, antiferromagnetism and ferrimagnetism. , 0, , 17-18.		0
1992	1.1.8 References for the introduction. , 0, , 41-45.		0
1993	1.1.3.7 Dimers and clusters, linear chain and planar magnetic systems. , 0, , 13-18.		0
1994	1.1.3.8 Long-range order: ferromagnetism, antiferromagnetism and ferrimagnetism. , 0, , 18-20.		0
1995	2.0.2 References to text books, review articles and proceedings. , 0, , 369-369.		0
1996	La1-xSrxCoO3 - SrEu2Fe2O7. , 0, , 465-474.		0
1997	2.6.1 Textbooks, review articles, and proceedings. , 0, , 480-482.		0
2000	9.12.4.4 References for 9.12.4. , 0, , 485-503.		0
2002	Magnetic ground state of La2LiMoO6 : A comparison with other Mo5+ (S=1/2) double perovskites. Physical Review Materials, 2020, 4, .	2.4	2
2003	Anisotropy and Crystal Field. , 2021, , 103-185.		0
2004	Synthesis, characterization, properties and applications of two-dimensional magnetic materials. Nano Today, 2022, 42, 101338.	11.9	67
2006	Quantum antiferromagnet bluebellite comprising a maple-leaf lattice made of spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn><mml:m width="0.16em" /><mml:msup><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:m ions. Physical Review B, 2021, 104, .	3.2	6
2007	Recent Developments in van der Waals Antiferromagnetic 2D Materials: Synthesis, Characterization, and Device Implementation. ACS Nano, 2021, 15, 17175-17213.	14.6	57
2008	Effect of Co and Mg doping at Cu site on structural, magnetic and dielectric properties of Î±â€“Cu₂V₂O₇. Journal of Physics Condensed Matter, 2022, 34, 075702.	1.8	3
2009	Critical behavior of quasi-2D organic-inorganic halide perovskite (C6H5CH2CH2NH3)2CuCl4 single crystals. Current Applied Physics, 2022, 35, 24-31.	2.4	0
2010	Thermodynamic and optical properties of new langasites Pr3CrGe3Be2O14 and Pr3AlGe3Be2O14. Journal of Alloys and Compounds, 2021, 898, 162766.	5.5	0
2011	Ultrathin, High-Aspect Ratio, and Free-Standing Magnetic Nanowires by Exfoliation of Ferromagnetic Quasi-One-Dimensional van der Waals Lattices. Journal of the American Chemical Society, 2021, 143, 19551-19558.	13.7	19

#	Article	IF	Citations
2012	Magnetic properties and molecular structure of cobalt(II) oxydiacetate trihydrate. Proceedings of the Indian Academy of Sciences - Section A, 1987, 98, 23-31.	0.2	7
2013	Magnetochemistry of copper (II). Proceedings of the Indian Academy of Sciences - Section A, 1987, 98, 79-97.	0.2	8
2014	Recent progress in experimental one-dimensional magnetism. Proceedings of the Indian Academy of Sciences - Section A, 1987, 98, 131-146.	0.2	4
2015	Magnetic Exchange Interactions. , 2021, , 53-102.		0
2016	Commensurate helicoidal order in the triangular layered magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2022, 105, .	3.2	7
2017	Insight into Ground-State Spin Arrangement and Bipartite Entanglement of the Polymeric Coordination Compound [Dy2cu2]N Through the Symmetric Spin-1/2 Ising-Heisenberg Orthogonal-Dimer Chain. SSRN Electronic Journal, 0, , .	0.4	0
2018	Negativity and Quantum Phase Transition in a Mixed Spin-(1/2,5/2,1/2) Ising-Heisenberg Branched Chain. SSRN Electronic Journal, 0, , .	0.4	0
2019	Contracting magnetic structures in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>SrLaCuSbO</mml:mi></mml:mrow><mml and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>SrLaCuNbO</mml:mi></mml:mrow><mml : Spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml	3.2	5
2020	The Renaissance of Functional Hybrid Transition-Metal Halides. Accounts of Materials Research, 2022, 3, 439-448.	11.7	26
2021	Machine learning of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>X</mml:mi><mml:mi>Y</mml:mi></mml:mrow></mml: model on a spherical Fibonacci lattice. Physical Review Research, 2022, 4, .	3.6	2
2022	Spin dynamics of the spin-chain antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">RbFeS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 104, .	3.2	1
2023	An Uneven Chain-like Ferromagnetic Copper(II) Coordination Polymer Displaying Metamagnetic Behavior and Long-Range Magnetic Ordering. Magnetochemistry, 2022, 8, 2.	2.4	3
2024	Magnetism and ESR of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>S</mml:mi><mml:mtext>eff</mml:mtext></ antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaCo</mml:mi><mml:mn>2</mml:mn></mml Physical Review B, 2022, 105, .	3.2	6
2026	Thermodynamics and statistical mechanics (in equilibrium). , 0, , .		0
2027	Compensation and critical characteristics of the ferrimagnetic bilayer graphdiyne film with RKKY interaction. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	39
2028	Magnetic van der Waals materials: Synthesis, structure, magnetism, and their potential applications. Chinese Physics B, 2022, 31, 087506.	1.4	6
2029	Magnetic properties of some exchange coupled [Ni(mnt)2]â^' dimers. Proceedings of the Indian Academy of Sciences - Section A, 1987, 98, 115-129.	0.2	4
2030	New concepts for molecular magnets. Annalen Der Physik, 1999, 511, 191-254.	2.4	4

#	Article	IF	Citations
2031	Application of Submillimeter Spectroscopy to Magnetic Excitations. , 1976, , .		0
2032	Magnetic Resonances in Perovskite-Type Layer Structures. , 1981, , .		0
2033	Exchange interactions in some low-dimensional metal dithiolene complexes. Proceedings of the Indian Academy of Sciences - Section A, 1984, 93, 977-1001.	0.2	6
2034			

#	Article	IF	Citations
2049	Fingerprints of super spin-glass state in two-dimensional nanoscopic system. Solid State Sciences, 2023, 142, 107253.	3.2	0
2051	Absence of superconductivity in electron-doped chromium pnictides <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>ThCrAsN</mml:mi><mml:mrow><mml:mn mathvariant="normal">O</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math>. Physical Review B, 2023, 108, .	3.2	0
2052	Understanding the Local Structure, Magnetism, and Optical Properties in Layered Compounds with d⁹ Ions: Insight into Silver Fluorides and K₂CuF₄. Journal of Physical Chemistry C, 2023, 127, 16695-16708.	3.1	0
2053	Magnetocaloric and hydrogen storage multi-functional properties of Eu4Ga8Ge16 compounds. Journal of Alloys and Compounds, 2023, 968, 172174.	5.5	0
2054	Spatially anisotropic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn square-lattice antiferromagnet with single-ion anisotropy realized in a Ni(II) pyrazine- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:msup><mml:mi -dioxide coordination polymer. Physical Review B, 2023, 108, .	3.2	0
2055	The Curie temperature: a key playmaker in self-regulated temperature hyperthermia. Journal of Materials Chemistry B, 0, , .	5.8	1
2056	Magnetic Resonance in the Quasi-2D Square Lattice Easy-Plane Antiferromagnet Ba2MnGe2O7. Journal of Experimental and Theoretical Physics, 2023, 137, 542-554.	0.9	1
2057	Electronic Structure of Above-Room-Temperature van der Waals Ferromagnet Fe₃GaTe₂. Nano Letters, 0, , .	9.1	0
2058	Singlet quantum phases of the frustrated spin-1/2 ladder with ferromagnetic (F) exchange in legs and alternating F-AF exchange in rungs. Physica Scripta, 0, , .	2.5	0
2059	Magnetization Steps from $$extrm{Cd}$$-Diluted TMMC at 20ÂmK: Effects of Weak Intra-cluster Interactions. Brazilian Journal of Physics, 2024, 54, .	1.4	0
2060	Interlayer engineering of Fe ₃ GeTe ₂ : From 3D superlattice to 2D monolayer. Proceedings of the National Academy of Sciences of the United States of America, 2024, 121, .	7.1	0
2061	Crystal growth of ternary metal sulfides from an open melt: Ba₂MnS₃. CrystEngComm, 2024, 26, 1444-1452.	2.6	0
2062	Emergence of the isotropic Kitaev honeycomb lattice Î±â^' RuCl₃ and its magnetic properties. Journal of Physics Condensed Matter, 2024, 36, 215803.	1.8	0