

Des F Mcmorrow

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Laser-induced transient magnons in Sr ₃ Ir ₂ O ₇ throughout the Brillouin zone. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	19
2	Ubiquity of amplitude-modulated magnetic ordering in the H ^T phase diagram of the frustrated non-Fermi-liquid YbAgGe. Physical Review B, 2021, 104, .	1.1	0
3	Absolute crystal and magnetic chiralities in the langasite compound Ba ₃ NbFe ₃ Si ₂ O ₁₄ determined by polarized neutron and x-ray scattering. Physical Review B, 2020, 102, .	1.1	4
4	Thermal Control of Spin Excitations in the Coupled Ising-Chain Material RbCoCl_3 Physical Review Letters, 2020, 124, 257201.	2.9	11
5	Temperature dependence of the $(\pi,0)$ anomaly in the excitation spectrum of the 2D quantum Heisenberg antiferromagnet. Journal of Physics Condensed Matter, 2020, 32, 374007.	0.7	3
6	Strong quantum fluctuations from competition between magnetic phases in a pyrochlore iridate. Physical Review B, 2020, 101, .	1.1	6
7	Spin and orbital excitations through the metal-to-insulator transition in CdO_7 probed with high-resolution resonant inelastic x-ray scattering. Physical Review B, 2020, 101, .	1.1	5
8	Spontaneous cycloidal order mediating a spin-reorientation transition in a polar metal. Physical Review B, 2020, 102, .	1.1	10
9	Correlated electron metal properties of the honeycomb ruthenate $\text{Na}_2\text{Co}_2\text{O}_7$. Physical Review Materials, 2020, 4, .	1.1	10
10	Resonant inelastic X-ray scattering of magnetic excitations under pressure. Journal of Synchrotron Radiation, 2019, 26, 1725-1732.	1.0	8
11	Pressure-induced structural dimerization in the hyperhoneycomb iridate LiIr_2O_7 at low temperatures. Physical Review B, 2019, 100, .	1.1	14
12	Selective probing of magnetic order on Tb and Ir sites in stuffed Tb ₂ Ir ₂ O ₇ using resonant x-ray scattering. Journal of Physics Condensed Matter, 2019, 31, 344001.	0.7	3
13	Critical fluctuations in the spin-orbit Mott insulator Sr ₃ Ir ₂ O ₇ . Journal of Physics Condensed Matter, 2019, 31, 185803.	0.7	2
14	Momentum-resolved lattice dynamics of parent and electron-doped Sr ₂ Ir ₂ O ₇ . Physical Review B, 2019, 100, .	1.1	11
15	Ground state and defect-induced spin glass behavior in the pyrochlore osmate $\text{Y}_2\text{Os}_2\text{O}_7$. Physical Review B, 2019, 99, .	1.1	9
16	Nuclear resonant scattering from ¹⁹³ Ir as a probe of the electronic and magnetic properties of iridates. Scientific Reports, 2019, 9, 5097.	1.6	14
17	Ground-state orbital population in the Ru_4O_{10} Mott insulator. Physical Review B, 2019, 100, .	1.1	10
18	High-resolution resonant inelastic x-ray scattering study of the electron-phonon coupling in honeycomb Ca_2IrO_6 . Physical Review B, 2019, 100, .	1.1	17

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19	High-pressure insulator-to-metal transition in SrO_7 studied by x-ray absorption spectroscopy. <i>Physical Review B</i> , 2018, 97, .	1.1	15
20	Dispersive magnetic and electronic excitations in iridate perovskites probed by oxygen -edge resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2018, 97, .	1.1	20
21	Evolution of the Magnetic Excitations in NaOsO_3 through its Metal-Insulator Transition. <i>Physical Review Letters</i> , 2018, 120, 227203.	2.9	19
22	Crossover from itinerant to localized magnetic excitations through the metal-insulator transition in NaOsO_3 . <i>Physical Review B</i> , 2018, 97, .	1.1	15
23	Persistence of antiferromagnetic order upon La substitution in the 4d4 Mott insulator Ca_2RuO_4 . <i>Physical Review B</i> , 2018, 98, .	1.1	8
24	Strongly gapped spin-wave excitation in the insulating phase of NaOsO_3 . <i>Physical Review B</i> , 2017, 95, .	1.1	24
25	Anisotropic exchange and spin-wave damping in pure and electron-doped $\text{Sr}_2\text{K}_2\text{O}_7$. <i>Physical Review B</i> , 2017, 96, .	2.9	29
26	4-spin plaquette singlet state in the Shastry-Sutherland compound $\text{SrCu}_2(\text{BO}_3)_2$. <i>Nature Physics</i> , 2017, 13, 962-966.	6.5	75
27	Bound States and Field-Polarized Haldane Modes in a Quantum Spin Ladder. <i>Physical Review Letters</i> , 2017, 118, 177202.	2.9	12
28	Spin-orbit-driven magnetic structure and excitation in the 5d pyrochlore $\text{Cd}_2\text{Os}_2\text{O}_7$. <i>Nature Communications</i> , 2016, 7, 11651.	5.8	56
29	Ultrafast energy- and momentum-resolved dynamics of magnetic correlations in the photo-doped Mott insulator Sr_2IrO_4 . <i>Nature Materials</i> , 2016, 15, 601-605.	13.3	120
30	All-in-all-Out Magnetic Order and Propagating Spin Waves in Sm_2O_7 . <i>Physical Review Letters</i> , 2016, 117, 037201.	2.9	19
31	Pressure dependence of the structure and electronic properties of Sr_2O_7 . <i>Physical Review B</i> , 2016, 93, .	1.1	21
32	Importance of X_2Y in Sr_2O_7 . <i>Physical Review B</i> , 2015, 92, .	1.1	41
33	Magnetic excitation spectroscopy of LuFe_2O_4 . <i>Physical Review B</i> , 2015, 91, .	1.1	16
34	Evidence of quantum dimer excitations in Sr_2O_7 . <i>Physical Review B</i> , 2015, 92, .	1.1	44
35	Physical sciences at Diamond: past achievements and future opportunities. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20130150.	1.6	1
36	Fractional excitations in the square-lattice quantum antiferromagnet. <i>Nature Physics</i> , 2015, 11, 62-68.	6.5	162

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37	Crystal field splitting in $\text{Sr}_{n+1}\text{Ir}_n\text{O}_{3n+1}$ ($n=1,2$) iridates probed by x-ray Raman spectroscopy. Physical Review B, 2014, 90, .	1.1	36
38	Crystal field splitting in $\text{Sr}_{n+1}\text{Ir}_n\text{O}_{3n+1}$ ($n=1,2$) iridates probed by x-ray Raman spectroscopy. Physical Review B, 2014, 90, .	1.1	21
39	Quantum and classical criticality in a dimerized quantum antiferromagnet. Nature Physics, 2014, 10, 373-379.	6.5	123
40	Bilayer splitting and wave functions symmetry in $\text{Sr}_3\text{Ir}_2\text{O}_{10}$. Physical Review B, 2014, 89, .	1.1	11
41	Resonant X-Ray Scattering and the Spin-Wave Spectrum of the Quantum Ferromagnet on the Pyrochlore Lattice. Physical Review B, 2013, 88, .	2.9	64
42	Circularly polarized x-ray scattering investigation of spin-lattice coupling in TbMnO_3 . Physical Review B, 2013, 88, .	2.9	43
43	Robustness of Basal-Plane Antiferromagnetic Order and the State in Single-Layer Iridate Spin-Orbit Mott Insulators. Physical Review Letters, 2013, 110, 117207.	1.1	11
44	Locking of iridium magnetic moments to the correlated rotation of oxygen octahedra in Sr_2IrO_4 revealed by x-ray resonant scattering. Journal of Physics Condensed Matter, 2013, 25, 422202.	0.7	86
45	On the magnetic structure of $\text{Sr}_3\text{Ir}_2\text{O}_{10}$: an x-ray resonant scattering study. Journal of Physics Condensed Matter, 2012, 24, 312202.	0.7	41
46	The ϵ_{eff} insulator $\text{Sr}_3\text{Ir}_2\text{O}_{10}$ studied by means of angle-resolved photoemission spectroscopy. Journal of Physics Condensed Matter, 2012, 24, 415602.	0.7	28
47	Magnetically Driven Metal-Insulator Transition in NaOsO_3 . Physical Review Letters, 2012, 108, 257209.	2.9	115
48	Helical spin waves, magnetic orders, and fluctuations in the langasite compound $\text{Ba}_3\text{NbFe}_2\text{O}_{13}$. Physical Review B, 2011, 84, .	1.1	71
49	Strong coupling of Sm and Fe magnetism in SmFeAsO as revealed by magnetic x-ray scattering. Physical Review B, 2011, 84, .	1.1	36
50	Strong coupling of Sm and Fe magnetism in SmFeAsO as revealed by magnetic x-ray scattering. Physical Review B, 2011, 84, .	1.1	33
51	Femtosecond Magnetically Induced Lattice Distortions in Multiferroic TbMnO_3 . Science, 2011, 333, 1273-1276.	6.0	85
52	Magnetic Field-Induced Closure of the Spin Excitation Gap near Optimal Doping in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Journal of the Physical Society of Japan, 2011, 80, SB030.	0.7	1
53	Inelastic X-ray scattering investigations of lattice dynamics in $\text{SmFeAsO}_{1-x}\text{F}_x$ superconductors. Journal of Physics and Chemistry of Solids, 2011, 72, 523-526.	1.9	3

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55	Comparative study of the phonons in nonsuperconducting BaCa_6 and superconducting CaCa_6 using inelastic x-ray scattering. Physical Review B, 2010, 81, 080301.	1.1	14
56	Pressure dependence of phonon modes across the tetragonal to collapsed-tetragonal phase transition in CaFe_2 . Physical Review B, 2010, 81, 080302.	2.1	14
57	Antiferromagnetically Spin Polarized Oxygen Observed in Magnetoelectric TbMn_2O_5 . Physical Review Letters, 2010, 105, 087202.	2.9	28
58	Neutron scattering study of the high-energy graphitic phonons in superconducting CaCa_6 . Physical Review B, 2010, 82, .	1.1	14
59	Electric field control of multiferroic domains in Ni_3Ti_2 by x-ray polarization-enhanced topography. Physical Review B, 2010, 82, .	1.1	24
60	Phonons and superconductivity in YbCa_6 related compounds. Physical Review B, 2010, 82, .	1.1	14
61	X-ray resonant scattering study of the structural and magnetic transitions in PrB_6 . Physical Review B, 2009, 79, .	1.1	10
62	Field-controlled magnetic order in the quantum spin-ladder system HfP_2 . Physical Review B, 2009, 79, .	1.1	80
63	Inelastic x-ray scattering study of superconducting SmFeAsO crystals: Evidence for strong momentum-dependent doping-induced renormalizations of optical conductivity. Physical Review B, 2009, 80, .	1.1	10
64	Magnetic-Field-Induced Soft-Mode Quantum Phase Transition in the High-Temperature Superconductor $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$. An Inelastic Neutron-Scattering Study. Physical Review Letters, 2009, 102, 177006.	2.9	49
65	Circularly Polarized X Rays as a Probe of Noncollinear Magnetic Order in Multiferroic TbMnO_3 . Physical Review Letters, 2009, 102, 237205.	2.9	42
66	Nature of the Magnetic Order and Origin of Induced Ferroelectricity in TbMnO_3 . Physical Review Letters, 2009, 103, 207602.	2.9	57
67	Direct Observation of Magnon Fractionalization in the Quantum Spin Ladder. Physical Review Letters, 2009, 102, 107204.	2.9	105
68	X-ray resonant scattering study of the magnetic phase diagram of multiferroic TbMnO_3 . Physica B: Condensed Matter, 2009, 404, 3264-3266.	1.3	5
69	Magnetic Coulomb Phase in the Spin Ice $\text{Ho}_2\text{Ti}_7\text{O}_{20}$. Science, 2009, 326, 415-417.	6.0	485
70	Quantum Magnets under Pressure: Controlling Elementary Excitations in TiCuCl_3 . Physical Review Letters, 2008, 100, 205701.	2.9	241
71	Thermodynamics of the Spin Luttinger Liquid in a Model Ladder Material. Physical Review Letters, 2008, 101, 247202.	2.9	149
72	Tuning competing orders in La_2CuO_4 superconductors by the application of an external magnetic field. Physical Review B, 2008, 78, .	1.1	23

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73	Soft x-ray resonant diffraction study of multiferroic DyMn_2O_5 . Physical Review B, 2008, 77, .	1.1	31
74	Ordering of localized electronic states in multiferroic TbMnO_3 : a soft x-ray resonant scattering study. Journal of Physics Condensed Matter, 2008, 20, 422205.	0.7	17
75	Quantum dynamics and entanglement of spins on a square lattice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15264-15269.	3.3	99
76	Nature of the Magnetic Order in the Charge-Ordered Cuprate $\text{La}_{1.48}\text{Nd}_{0.4}\text{Sr}_{0.12}\text{CuO}_4$. Physical Review Letters, 2007, 98, 197003.	2.9	49
77	Magnetic excitations near the quantum phase transition in the Ising ferromagnet LiHoF_4 . Physical Review B, 2007, 75, .	1.1	41
78	Phonons in superconducting CaC_6 via inelastic x-ray scattering. Physical Review B, 2007, 76, .	1.7	17
79			

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91	Probing spin frustration in high-symmetry magnetic nanomolecules by inelastic neutron scattering. <i>Physical Review B</i> , 2006, 73, .	1.1	54
92	Three-dimensionality of field-induced magnetism in a high-temperature superconductor. <i>Nature Materials</i> , 2005, 4, 658-662.	13.3	55
93	Quantum Phase Transition of a Magnet in a Spin Bath. <i>Science</i> , 2005, 308, 389-392.	6.0	111
94	An inelastic neutron scattering study of single-crystal heavy-fermion YbAgGe. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 301-311.	0.7	23
95	Soft X-Ray Resonant Diffraction Study of Magnetic and Orbital Correlations in a Manganite Near Half Doping. <i>Physical Review Letters</i> , 2004, 92, 237204.	2.9	94
96	Dispersive Excitations in the High-Temperature Superconductor $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review Letters</i> , 2004, 93, 147002.	2.9	148
97	Field-induced magnetic phases in the normal and superconducting states of $\text{ErNi}_2\text{B}_2\text{C}$. <i>Physical Review B</i> , 2004, 69, .	1.1	17
98	Static and Dynamic Spins in Superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$: The Rise, Years. <i>Journal of Low Temperature Physics</i> , 2004, 135, 621-664.	0.6	2
99	Deviations from linear spin wave theory in the 2D, S= Heisenberg antiferromagnet CFTD. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 896-897.	1.0	17
100	Effects of magnetic field on the cuprate high-Tc superconductor $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 1223-1228.	0.7	1
101	Coupling of lattice and spin degrees of freedom in GdB_6 . <i>Physica B: Condensed Matter</i> , 2004, 345, 66-69.	1.3	16
102	The field-induced soliton phase of CuGeO_3 . <i>Physica B: Condensed Matter</i> , 2003, 329-333, 675-678.	1.3	0
103	$\text{Er}_2\text{Ti}_2\text{O}_7$: Evidence of quantum order by disorder in a frustrated antiferromagnet. <i>Physical Review B</i> , 2003, 68, .	1.1	208
104	Large enhancement of x-ray magnetic scattering at the L edges of the 5d transition metal antiferromagnet K_2ReCl_6 . <i>Journal of Physics Condensed Matter</i> , 2003, 15, L59-L66.	0.7	10
105	Evolution of spin excitations in a gapped antiferromagnet from the quantum to the high-temperature limit. <i>Physical Review B</i> , 2002, 66, .	1.1	14
106	Reply. <i>Physical Review Letters</i> , 2002, 89, .	2.9	3
107	FIELD-INDUCED ANTIFERROMAGNETISM IN THE HIGH-TEMPERATURE SUPERCONDUCTOR $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>International Journal of Modern Physics B</i> , 2002, 16, 3197-3197.	1.0	0
108	VORTEX MAGNETISM IN THE HIGH-TEMPERATURE SUPERCONDUCTOR $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>International Journal of Modern Physics B</i> , 2002, 16, 3155-3155.	1.0	0

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109	QUANTUM CRITICAL FLUCTUATIONS IN HEAVY FERMION COMPOUNDS. International Journal of Modern Physics B, 2002, 16, 3031-3036.	1.0	5
110	Simulations and experiments on RITA-2 at PSI. Applied Physics A: Materials Science and Processing, 2002, 74, s1508-s1510.	1.1	10
111	Magnetic-field tuning of quantum critical fluctuations in CeCu _{5.9} Au _{0.1} . Physica B: Condensed Matter, 2002, 312-313, 456-457.	1.3	0
112	Antiferromagnetic order induced by an applied magnetic field in a high-temperature superconductor. Nature, 2002, 415, 299-302.	13.7	478
113	Spins in the Vortices of a High-Temperature Superconductor. Science, 2001, 291, 1759-1762.	6.0	314
114	Spin Correlations in Ho ₂ Ti ₂ O ₇ : A Dipolar Spin Ice System. Physical Review Letters, 2001, 87, 047205.	2.9	269
115	Multiparticle States in the S=1 Chain System CsNiCl ₃ . Physical Review Letters, 2001, 87, 017201.	2.9	35
116	Element specific magnetism with resonant X-ray magnetic scattering. Synchrotron Radiation News, 2001, 14, 27-31.	0.2	0
117	Correlations and fluctuations in the 2D Heisenberg antiferromagnet. Journal of Magnetism and Magnetic Materials, 2001, 236, 4-5.	1.0	5
118	The magnetism of Ce-Y alloys. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1145-1147.	1.0	4
119	The magnetic structures of Ho _x Tm _{1-x} thin film alloys. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1174-1176.	1.0	0
120	Statics and dynamics of the magnetic soliton lattice in the high-field phase of CuGeO ₃ . Journal of Magnetism and Magnetic Materials, 2001, 226-230, 465-467.	1.0	0
121	New results on the excitations of an S=1 quantum chain. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 437-438.	1.0	1
122	X-ray resonant scattering study of an intermediate-valence Ho-Ce alloy. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1113-1115.	1.0	1
123	Structure and magnetism in Dy _x Pr _{1-x} and Er _x Pr _{1-x} alloys: I. Hexagonal close-packed and Sm structures. Journal of Physics Condensed Matter, 2001, 13, 10175-10189.	0.7	1
124	Structure and magnetism in Dy _x Pr _{1-x} and Er _x Pr _{1-x} alloys: II. Double-hexagonal close-packed structure. Journal of Physics Condensed Matter, 2001, 13, 10191-10206.	0.7	1
125	X-Ray Resonant Scattering Study of the Quadrupolar Order in UPd ₃ . Physical Review Letters, 2001, 87, 057201.	2.9	58
126	Temperature evolution of the quantum gap in CsNiCl ₃ . Physical Review B, 2001, 63, .	1.1	21

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127	Excitations of the Field-Induced Quantum Soliton Lattice in CuGeO ₃ . Physical Review Letters, 2001, 87, 177203.	2.9	8
128	Spin Dynamics of the 2D Spin-1 Quantum Antiferromagnet Copper Deuterioformate Tetradeuterate (CFTD). Physical Review Letters, 2001, 87, 037202.	2.9	99
129	Added flexibility in triple axis spectrometers: the two RITAs at RisÅ. Physica B: Condensed Matter, 2000, 283, 343-354.	1.3	44
130	Magnetic response in UBe ₁₃ . Physica B: Condensed Matter, 2000, 276-278, 764-765.	1.3	14
131	Neutron scattering study of the incommensurate high-field phase of CuGeO ₃ . Physica B: Condensed Matter, 2000, 276-278, 678-679.	1.3	1
132	ECNS '99 "Young Scientists Forum. Physica B: Condensed Matter, 2000, 276-278, 45-51.	1.3	1
133	High-field spin dynamics of antiferromagnetic quantum spin chains. Physica B: Condensed Matter, 2000, 276-278, 560-561.	1.3	6
134	Diffuse magnetic scattering from DHCP Ho _x Ce _{1-x} alloys. Physica B: Condensed Matter, 2000, 276-278, 696-697.	1.3	1
135	Anomalous magnetic ordering in Dy _x Pr _{1-x} alloys. Physica B: Condensed Matter, 2000, 276-278, 698-699.	1.3	0
136	Magnetism in lanthanide superlattices. Physica B: Condensed Matter, 2000, 283, 180-183.	1.3	5
137	X-ray-scattering study of copper magnetism in non-superconducting PrBa ₂ Cu ₃ O _{6.92} . Physical Review B, 2000, 61, 1251-1255.	1.1	26
138	Neutron Scattering Study of the Field-Induced Soliton Lattice in CuGeO ₃ . Physical Review Letters, 2000, 84, 4469-4472.	2.9	32
139	Magnetic phase diagram of Ho _x Tm _{1-x} alloys. Physical Review B, 2000, 62, 14943-14949.	1.1	1
140	Chapter 169 X-ray scattering studies of lanthanide magnetism. Fundamental Theories of Physics, 1999, 26, 1-85.	0.1	8
141	X-ray resonant scattering study of spin-density waves in a superlattice. Journal of Physics Condensed Matter, 1999, 11, L139-L146.	0.7	12
142	The magnetic structures of holmium-yttrium superlattices in an applied magnetic field. Journal of Physics Condensed Matter, 1999, 11, 6529-6541.	0.7	7
143	High-Temperature Magnetic Correlations in the 2D S=1/2 Antiferromagnet Copper Formate Tetradeuterate. Physical Review Letters, 1999, 82, 3152-3155.	2.9	51
144	Incommensurate magnetism in non-superconducting PrBa ₂ Cu ₃ O _{6.92} . Physica C: Superconductivity and Its Applications, 1999, 317-318, 292-298.	0.6	8

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145	Spin gap and magnetic coherence in a clean high-temperature superconductor. <i>Nature</i> , 1999, 400, 43-46.	13.7	114
146	Induced magnetic order in Nd/Pr superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 198-199, 288-290.	1.0	0
147	Magnetic characterisation of Tm/Y and Tm/Lu superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 198-199, 509-512.	1.0	0
148	Critical scattering of RbMnF ₃ revisited. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 141-142.	1.0	0
149	The phase diagram of a quasi-1D $S = \hat{A}^{1/2}$ Heisenberg antiferromagnet. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 659-660.	1.0	5
150	Magnetic structures of highly frustrated pyrochlores. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 757-762.	1.0	58
151	The unusual phase diagram of the magnetic structures of holmium-erbium alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 1012-1013.	1.0	1
152	Magnetic phase diagram of Ho/Er alloys. <i>Physical Review B</i> , 1998, 57, 8394-8407.	1.1	9
153	Competing magnetic order in holmium-thulium superlattices. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 2115-2124.	0.7	7
154	Critical behavior of the three-dimensional Heisenberg antiferromagnet RbMnF ₃ . <i>Physical Review B</i> , 1998, 57, 5281-5290.	1.1	38
155	Interplay between structure and magnetism in Ho _x Pr _{1-x} alloys. I. Neutron scattering. <i>Physical Review B</i> , 1998, 57, 5933-5940.	1.1	7
156	Interplay between structure and magnetism in Ho _x Pr _{1-x} alloys. II. Resonant x-ray magnetic scattering. <i>Physical Review B</i> , 1998, 57, 5941-5950.	1.1	10
157	FROM THIN FILMS TO SUPERLATTICES STUDIED WITH X-RAYS AND NEUTRONS. , 1998, , .		0
158	X-ray scattering study of the interplay between magnetism and structure in CeSb. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 1133-1148.	0.7	5
159	The magnetic properties of gadolinium/holmium superlattices. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 8727-8735.	0.7	4
160	The magnetic properties of Er/Lu superlattices. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 8693-8705.	0.7	7
161	Phonon Softening and Lattice Melting at the Ferroelastic Phase Transition in Na ₂ CO ₃ . <i>Physical Review Letters</i> , 1997, 79, 4846-4849.	2.9	4
162	Quasi-1D $S=1/2$ Antiferromagnet Cs ₂ CuCl ₄ in a Magnetic Field. <i>Physical Review Letters</i> , 1997, 79, 151-154.	2.9	80

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163	Structural and magnetic properties of holmium-scandium alloys and superlattices. <i>Physical Review B</i> , 1997, 55, 317-329.	1.1	18
164	Coherent magnetic structures in terbium/holmium superlattices. <i>Physical Review B</i> , 1997, 55, 14360-14369.	1.1	7
165	K-edge resonant x-ray magnetic scattering from a transition-metal oxide: NiO. <i>Physical Review B</i> , 1997, 55, R8662-R8665.	1.1	64
166	The chemical structure of rare earth superlattices: a high-resolution x-ray scattering study. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 1389-1389.	0.7	0
167	Formation of uniform magnetic structures and epitaxial hydride phases in Nd/Pr superlattices. <i>Physical Review B</i> , 1997, 55, 12537-12545.	1.1	16
168	Helimagnetic structures in epitaxial Nd/Y superlattices and alloys. <i>Physical Review B</i> , 1997, 56, 5452-5460.	1.1	14
169	Geometrical Frustration in the Ferromagnetic Pyrochlore $\text{Ho}_2\text{Ti}_2\text{O}_7$. <i>Physical Review Letters</i> , 1997, 79, 2554-2557.	2.9	979
170	The structural and magnetic properties of holmium/scandium superlattices. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 495-497.	1.3	2
171	Magnetic excitations in single crystals of $\text{Cu}_{1-x}\text{Ni}_x\text{GeO}_3$. <i>Physica B: Condensed Matter</i> , 1997, 239, 350-357.	1.3	5
172	The RITA spectrometer at RisÅ, Å design considerations and recent results. <i>Physica B: Condensed Matter</i> , 1997, 241-243, 50-55.	1.3	9
173	Magnetism and superconductivity in neodymium/lanthanum superlattices. <i>Physica B: Condensed Matter</i> , 1997, 241-243, 714-716.	1.3	4
174	Artificial magnetic superlattices. <i>Neutron News</i> , 1996, 7, 16-20.	0.1	2
175	Neutron scattering study of the magnetic structure of. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 7473-7491.	0.7	66
176	The magnetic structure and interactions in Nd/Pr superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 156, 263-264.	1.0	5
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