

# Andrew Boothroyd

## List of Publications by Year in descending order

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225  
papers

7,473  
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44069

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235  
docs citations

235  
times ranked

7365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic monopole density and antiferromagnetic domain control in spin-ice iridates. Nature Communications, 2022, 13, 444.	12.8	13
2	Inhomogeneous spin excitations in weakly coupled spin-1/2 chains. Physical Review Research, 2022, 4, .	3.6	3
3	Metamagnetism and crystal-field splitting in pseudohexagonal $\text{CeRh}_2\text{Sb}_3$ . Physical Review B, 2022, 105, .	3.2	9
4	Magnetic structure of the topological semimetal $\text{Co}_3\text{S}_2$ . Physical Review B, 2022, 105, .	3.2	9
5	magnetic spectra: A neutron scattering study of the Yb-Fe hybridization in $\text{Yb}_3\text{Fe}_4$ . Physical Review B, 2022, 105, .	3.2	9
6	Charge Condensation and Lattice Coupling Drives Stripe Formation in Nickelates. Physical Review Letters, 2021, 126, 177601.	7.8	9
7	Magnetic structure of the topological semimetal $\text{YbMnSb}_2$ . Physical Review B, 2021, 104, .	7.8	9
8	Real Space Imaging of Spin Stripe Domain Fluctuations in a Complex Oxide. Physical Review Letters, 2021, 127, 275301.	7.8	3
9	Magnetically driven loss of centrosymmetry in metallic $\text{Pb}_2\text{S}$ . Physical Review B, 2020, 102, .	3.2	9
10	Magnetically induced metal-insulator transition in $\text{Pb}_2\text{S}$ . Physical Review B, 2020, 102, .	3.2	9
11	Approaching the quantum critical point in a highly correlated all-in/all-out antiferromagnet. Physical Review B, 2020, 101, .	3.2	9
12	Strong quantum fluctuations from competition between magnetic phases in a pyrochlore iridate. Physical Review B, 2020, 101, .	3.2	6
13	Principles of Neutron Scattering from Condensed Matter. , 2020, , .		44
14	Resonant x-ray scattering study of diffuse magnetic scattering from the topological semimetals $\text{EuCd}_2$ and $\text{EuCd}_2$ . Physical Review B, 2020, 102, .	3.2	20
15	Selective probing of magnetic order on Tb and Ir sites in stuffed $\text{Tb}_2\text{Ir}_2\text{O}_7$ using resonant x-ray scattering. Journal of Physics Condensed Matter, 2019, 31, 344001.	1.8	3
16	Magnetic and electronic structure of Dirac semimetal candidate $\text{EuMnSb}_2$ . Physical Review B, 2019, 100, .	3.2	9
17	Magnetic structure and excitations of the topological semimetal $\text{YbMnBi}_2$ . Physical Review B, 2019, 100, .	3.2	23
18	Monitoring ultrafast metallization in $\text{LaCoO}_3$ with femtosecond soft x-ray spectroscopy. Communications Physics, 2019, 2, .	5.3	9

#	ARTICLE	IF	CITATIONS
19	First-order valence transition: Neutron diffraction, inelastic neutron scattering, and x-ray absorption investigations on the double perovskite $\text{Ba}_2\text{Y}_2\text{Fe}_6\text{O}_{14}$ . Evidence for a $\text{d}^2$ 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, .	3.2	6
20	Role of defects in determining the magnetic ground state of ytterbium titanate. Nature Communications, 2019, 10, 637.	3.2	9
21	Tuning of the ground-state orbital population in the $\text{Ru}_4\text{O}_{10}$ Mott insulator. Physical Review B, 2019, 99, .	12.8	28
22	Paramagnon dispersion in $\text{Fe}\hat{\Gamma}^2\text{-FeSe}$ observed by $\text{L}\text{-edge}$ resonant inelastic x-ray scattering. Physical Review B, 2019, 99, .	3.2	14
23	Ideal Weyl semimetal induced by magnetic exchange. Physical Review B, 2019, 100, .	3.2	130
24	Spin dynamics and exchange interactions in $\text{CuO}$ measured by neutron scattering. Physical Review B, 2018, 97, .	3.2	11
25	Persistence of antiferromagnetic order upon La substitution in the $4d^4$ Mott insulator $\text{Ca}_2\text{RuO}_4$ . Physical Review B, 2018, 98, .	3.2	8
26	Coupling between Spin and Charge Order Driven by Magnetic Field in Triangular Ising System $\text{LuFe}_2\text{O}_4+\hat{\Gamma}$ . Crystals, 2018, 8, 88.	2.2	3
27	Magnetic and electronic structure of the layered rare-earth pnictide $\text{EuCd}_2\text{Sb}_2$ . Physical Review B, 2018, 98, .	3.2	20
28	Coupling of magnetic order and charge transport in the candidate Dirac semimetal $\text{EuCd}_2\text{Sb}_2$ . Physical Review B, 2018, 97, .	3.2	17
29	Doping Dependence of Collective Spin and Orbital Excitations in the Spin-1 Quantum Antiferromagnet $\text{La}_2\text{CuO}_4$ . Physical Review Letters, 2017, 118, 156402.	7.8	31
30	Crystal growth of the triangular-lattice antiferromagnet $\text{Ba}_3\text{CoSb}_2\text{O}_9$ . Journal of Crystal Growth, 2017, 468, 345-348.	1.5	4
31	Crystal growth of pyrochlore rare-earth stannates. Journal of Crystal Growth, 2017, 468, 335-339.	1.5	12
32	The full magnon spectrum of yttrium iron garnet. Npj Quantum Materials, 2017, 2, .	5.2	66
33	Spin dynamics in the antiferromagnetic phases of the Dirac metals $\text{MnBi}_2\text{Te}_4$ and $\text{Mn}_2\text{Te}$ . Physical Review B, 2017, 95, .	3.2	21
34	Effect of doping and defects in pyrochlore compounds. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1020-C1020.	0.1	0
35	Spin resonance in the superconducting state of $\text{LiFeAs}$ . Physical Review B, 2016, 94, .	3.2	21

#	ARTICLE	IF	CITATIONS
37	Direct evidence for charge stripes in a layered cobalt oxide. Nature Communications, 2016, 7, 11632.	12.8	16
38	Coupled commensurate charge density wave and lattice distortion in $\text{NaO}_2$		

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55	Bilayer splitting and wave functions symmetry in $\text{Sr}_3\text{Ir}_2\text{O}_{10}$ . Physical Review B, 2014, 89.	3.2	15
56	Stripe disorder and dynamics in the hole-doped antiferromagnetic insulator $\text{La}_5\text{Sr}_3\text{Co}_{15}\text{O}_{48}$ . Physical Review B, 2014, .	3.2	15
57	Ferromagnetic induced in Cr-doped $\text{CeO}_2$ particles. Microelectronic Engineering, 2014, 126, 93-98.	2.4	26
58	Coupling of magnetic order to planar Bi electrons in the anisotropic Dirac metals $\text{MnBi}_2\text{Te}_4$ and $\text{Mn}_2\text{Te}$ . Physical Review B, 2014, 89, .	3.2	15
59	Persistence of magnetic order in a highly excited state in $\text{Cu}_2\text{O}$ . Physical Review B, 2014, 89, .	3.2	15
60	Mechanism of spin crossover in $\text{LaCoO}_3$ resolved by shape magnetostriction in pulsed magnetic fields. Scientific Reports, 2014, 4, 7003.	3.3	31
61	Suppression of thermal conductivity by rattling modes in thermoelectric sodium cobaltate. Nature Materials, 2013, 12, 1028-1032.	27.5	163
62	Spin fluctuations away from the superconducting phase of molecular-intercalated $\text{FeSe}$ . Physical Review B, 2013, 87, .	3.2	18
63	Circularly polarized x-ray scattering investigation of spin-lattice coupling in $\text{TbMnO}_3$ in crossed electric and magnetic fields. Physical Review B, 2013, 88, .	3.2	11
64	Crystal-field states of $\text{Pr}^{3+}$ in the candidate quantum spin ice $\text{Pr}_2\text{Sn}_7\text{O}_{20}$ . Physical Review B, 2013, 88, .	3.2	53
65	A ferroelectric-like structural transition in a metal. Nature Materials, 2013, 12, 1024-1027.	27.5	343
66	Absence of strong magnetic fluctuations in FeP-based systems $\text{LaFePO}$ and $\text{Sr}_2\text{ScO}_3\text{FeP}$ . Journal of Physics Condensed Matter, 2013, 25, 425701.	1.8	3
67	Hour-glass magnetic spectrum arising from a striped cluster spin-glass ground state in $\text{La}_{1.75}\text{Sr}_{0.25}\text{CoO}_4$ . Physical Review B, 2013, 88, .	3.2	8
68	Strongly momentum-dependent screening dynamics in $\text{La}_{0.5}\text{Sr}_{1.5}\text{CoO}_4$ . Physical Review B, 2012, 86, .	3.2	2
69	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.	1.8	41
70	The $\text{La}_{0.5}\text{Sr}_{1.5}\text{CoO}_4$ 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.	1.8	28
71	Antiferromagnetic order and domains in $\text{Sr}_3\text{Fe}_2\text{O}_{10}$ . Physical Review B, 2012, 86, .	3.2	32
72	Crystal-field splitting of $\text{Ir}^{4+}$ in $\text{IrO}_2$ . Physical Review B, 2012, 86, .	3.2	71

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73	Evidence of Magnetic Correlations Among the Charge Stripe Electrons of Charge-Stripe Ordered La <sub>2</sub> NiO <sub>4</sub> . Journal of Physics: Conference Series, 2012, 340, 012060.	0.4	1
74	X-ray diffraction study of the temperature-induced structural phase transitions in SmVO <sub>3</sub> . Physical Review B, 2012, 85, .	3.2	5
75	Crystal structure of the charge-ordered manganite La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> determined by resonant x-ray scattering. Physical Review B, 2012, 85, .	3.2	12
76	Ground State in a Half-Doped Manganite Distinguished by Neutron Spectroscopy. Physical Review Letters, 2012, 109, 237202.	7.8	15
77	Electric field control of chiral magnetic domains in the high-temperature multiferroic CuO. Physical Review B, 2012, 85, .	3.2	38
78	Microstructural analysis of phase separation in iron chalcogenide superconductors. Superconductor Science and Technology, 2012, 25, 084023.	3.5	49
79	Dynamical matrix diagonalization for the calculation of dispersive excitations. Journal of Physics Condensed Matter, 2012, 24, 213201.	1.8	28
80	Femtosecond Dynamics of the Collinear-to-Spiral Antiferromagnetic Phase Transition in CuO. Physical Review Letters, 2012, 108, 037203.	7.8	98
81	Advances in the understanding of multiferroics through soft X-ray diffraction. European Physical Journal: Special Topics, 2012, 208, 99-106.	2.6	5
82	Analysis of local chemical and structural inhomogeneities in Fe <sub>1-x</sub> Se <sub>1-x</sub> Te <sub>x</sub> single crystals. Applied Physics Letters, 2011, 99, .	3.3	15
83	Inherent spin excitations in SrFe <sub>2</sub> As <sub>2</sub> . Physical Review B, 2011, 84, .	3.2	84
84	Femtosecond Magnetically Induced Lattice Distortions in Multiferroic TbMnO <sub>3</sub> . Science, 2011, 333, 1273-1276.	12.6	85
85	Photoinduced Melting of Antiferromagnetic Order in La <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> Using Ultrafast Resonant Soft X-Ray Diffraction. Physical Review Letters, 2011, 106, 217401.	7.8	89
86	Analysis of Fe <sub>1-x</sub> Se <sub>x</sub> Te <sub>x</sub> thin films grown by radio frequency sputtering. Superconductor Science and Technology, 2011, 24, 075023.	3.5	22
87	Antiferromagnetic spin fluctuations in LiFeAs observed by neutron scattering. Physical Review B, 2011, 83, .	3.2	85
88	Calculation of Atomic Charge- Moment- and Current densities using McPhase, a versatile modelling suite for Magnetic Neutron Scattering. Journal of Physics: Conference Series, 2011, 325, 012005.	0.4	1
89	An hour-glass magnetic spectrum in an insulating, hole-doped antiferromagnet. Nature, 2011, 471, 341-344.	27.8	56
90	Bilayer manganites reveal polarons in the midst of a metallic breakdown. Nature Physics, 2011, 7, 978-982.	16.7	40



#	ARTICLE	IF	CITATIONS
109	Magnetic order and dynamics of the charge-ordered antiferromagnet $\text{LaMnO}_3$ . Physical Review B, 2009, 80, .	3.2	39
110	Low-temperature interactions of magnetic excitons in $\text{LaCoO}_3$ . Physical Review B, 2009, 79, .	3.2	14
111	High-resolution hard x-ray photoemission investigation of $\text{LaMnO}_3$ . Physical Review B, 2009, 80, .	3.2	9
112	Inward dispersion of the spin excitation spectrum of stripe-ordered $\text{LaMnO}_3$ . Physical Review B, 2009, .	3.2	12
113	Circularly Polarized X Rays as a Probe of Noncollinear Magnetic Order in Multiferroic $\text{TbMnO}_3$ . Physical Review Letters, 2009, 102, 237205.	7.8	42
114	Nature of the Magnetic Order and Origin of Induced Ferroelectricity in $\text{TbMnO}_3$ . Physical Review Letters, 2009, 103, 207602.	7.8	57
115	Ultrafast Coupling between Light, Coherent Lattice Vibrations, and the Magnetic Structure of Semicovalent $\text{LaMnO}_3$ . Physical Review Letters, 2009, 103, 097402.	7.8	81
116	Going beyond the dipole approximation to improve the refinement of magnetic structures by neutron diffraction. Physical Review B, 2009, 79, .	3.2	18
117	<a href="#">Crystal-to-simply reordering of sodium ions in <math>\text{NaMnO}_3</math></a>		



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127	Energy collective dynamics of charge stripes in the doped nickelate $\text{La}_{1-x}\text{Sr}_x\text{NiO}_4$ . Physical Review B, 2008, 78, . . .	3.2	10
128	Strain-induced first-order orbital flip transition and coexistence of charge-orbital ordered phases in $\text{Pr}_2\text{Co}_2\text{O}_7$ . Physical Review B, 2008, 78, . . .	3.2	24
129	X-ray resonant diffraction study of multiferroic $\text{LaCoO}_3$ . Physical Review B, 2008, 78, . . .	3.2	73
130	X-ray resonant diffraction study of multiferroic $\text{LaMnO}_3$ . Physical Review B, 2008, 78, . . .	3.2	31
131	Spin reorientation and glassy dynamics in $\text{LaMnO}_3$ . Physical Review B, 2008, 78, . . .	3.2	11
132	Ordering of localized electronic states in multiferroic $\text{TbMnO}_3$ : a soft x-ray resonant scattering study. Journal of Physics Condensed Matter, 2008, 20, 422205.	1.8	17
133	Terahertz-frequency conductivity of charge stripes in the antiferromagnet $\text{La}_{5/3}\text{Sr}_{1/3}\text{NiO}_4$ . , 2007, . . .		0
134	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.	7.8	49
135	Influence of static Jahn-Teller distortion on the magnetic excitation spectrum of $\text{Pr}_2\text{Co}_2\text{O}_7$ : A synchrotron x-ray and neutron inelastic scattering study. Physical Review B, 2007, 76, . . .	3.2	14
136	X-ray scattering study of the order parameters in multiferroic $\text{TbMnO}_3$ . Physical Review B, 2007, 76, . . .	3.2	47
137	Magnetic excitations of charge-ordered. Journal of Magnetism and Magnetic Materials, 2007, 310, 760-762.	2.3	3
138	Patterning of sodium ions and the control of electrons in sodium cobaltate. Nature, 2007, 445, 631-634.	27.8	208
139	Probing novel order parameters in multiferroics with X-ray resonant scattering. Acta Crystallographica Section A: Foundations and Advances, 2007, 63, s91-s91.	0.3	0
140	On the Ordering of $\text{Na}^+$ Ions in $\text{Na}_x\text{CoO}_2$ . AIP Conference Proceedings, 2006, . . .	0.4	0
141	High-pressure structure of $\text{LaSr}_2\text{Mn}_2\text{O}_7$ bilayer manganite. Journal of Physics and Chemistry of Solids, 2006, 67, 2046-2050.	4.0	10
142	Local matrix-cluster interactions in a phase separated perovskite. Physical Review B, 2006, 74, . . .	3.2	19
143	Spin gaps and magnetic structure of $\text{Na}_x\text{CoO}_2$ . Physical Review B, 2006, 73, . . .	3.2	25
144	Magnetization of $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ( $0 \leq x \leq 0.5$ ): Spin-glass and memory effects. Physical Review B, 2006, 73, 3.2	3.2	21

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145	Effect of uniaxial pressure on charge transport in the layered manganite $\text{La}_{1.25}\text{Sr}_{1.75}\text{Mn}_2\text{O}_7$ . <i>Physical Review B</i> , 2006, 73, .	3.2	11
146	Probing orbital order with soft x-rays: the case of the manganites. <i>New Journal of Physics</i> , 2005, 7, 80-80.	2.9	8
147	Bulk single crystal growth and magnetic studies of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ . <i>Journal of Crystal Growth</i> , 2005, 275, e827-e832.	1.5	20
148	Effect of pressure and magnetic field on bilayer $\text{La}_{1.25}\text{Sr}_{1.75}\text{Mn}_2\text{O}_7$ single crystal. <i>Solid State Communications</i> , 2005, 136, 292-296.	1.9	4
149	Charge stripe glasses in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ for $0.20 < x < 0.25$ . <i>European Physical Journal B</i> , 2005, 46, 27-32.	1.5	4
150	Direct Observation of Orbital Ordering in Layered Manganites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2005, 18, 687-691.	0.5	1
151	Resonant soft X-ray diffraction “in extremis”. <i>Journal of Synchrotron Radiation</i> , 2005, 12, 434-441.	2.4	6
152	Optical conductivity and charge ordering in $\text{Na}_x\text{CoO}_2$ . <i>Physical Review B</i> , 2005, 72, .	3.2	20
153	Mapping spin-wave dispersions in stripe-ordered $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ( $x=0.275, 0.333$ ). <i>Physical Review B</i> , 2005, 72, .	3.2	48
154	High-energy Cu spin excitations in $\text{PrBa}_2\text{Cu}_3\text{O}_{6+x}$ . <i>Physical Review B</i> , 2005, 71, .	3.2	9
155	Resonant soft x-ray scattering investigation of orbital and magnetic ordering in $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$ . <i>Physical Review B</i> , 2005, 71, .	3.2	58
156	Orbital bi-stripes in highly doped bilayer manganites. <i>Physical Review B</i> , 2005, 72, .	3.2	16
157	Observation of magnetic excitons in $\text{LaCoO}_3$ . <i>Europhysics Letters</i> , 2005, 70, 677-683.	2.0	36
158	Three-Dimensional Spin Fluctuations in $\text{Na}_{0.75}\text{CoO}_2$ . <i>Physical Review Letters</i> , 2005, 94, 157206.	7.8	99
159	Spin dynamics of half-doped $\text{La}_{3-x}\text{Sr}_{1-x}\text{NiO}_4$ . <i>Physical Review B</i> , 2005, 71, .	3.2	24
160	Critical behaviour of $\text{RMnO}_3$ ( $R = \text{La, Pr, Nd}$ ) by thermal diffusivity and specific heat measurements. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 6729-6736.	1.8	21
161	Phonon dispersion relations in $\text{PrBa}_2\text{Cu}_3\text{O}_{6+x}$ ( $x \approx 0.2$ ). <i>Physical Review B</i> , 2004, 69, .	3.2	2
162	Critical behavior dependence on Sr concentration in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . <i>Journal of Applied Physics</i> , 2004, 95, 7366-7368.	2.5	3

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163	Cooperative Jahn-Teller distortion in PrO <sub>2</sub> . Physical Review B, 2004, 70, .	3.2	24
164	Stripe order and magnetic transitions in La <sub>2</sub> ~xSr <sub>x</sub> NiO <sub>4</sub> . Physical Review B, 2004, 70, .	3.2	27
165	Field-induced magnetic and structural domain alignment in PrO <sub>2</sub> . Physical Review B, 2004, 70, .	3.2	9
166	Incommensurate charge stripe ordering in La <sub>2</sub> ~xSr <sub>x</sub> NiO <sub>4</sub> for x=(0.33,0.30,0.275). Physical Review B, 2004, 70, .	3.2	17
167	Soft X-ray resonant magnetic diffraction. Physica B: Condensed Matter, 2004, 345, 11-14.	2.7	2
168	Magnetic order and dynamics in stripe-ordered La <sub>2</sub> ~xSr <sub>x</sub> NiO <sub>4</sub> . Physica B: Condensed Matter, 2004, 345, 1-5.	2.7	16
169	Magnetic excitations in La <sub>1.5</sub> Sr <sub>0.5</sub> CoO <sub>4</sub> . Physica B: Condensed Matter, 2004, 350, E273-E275.	2.7	8
170	Crystal growth of Na <sub>x</sub> CoO <sub>2</sub> under different atmospheres. Journal of Crystal Growth, 2004, 271, 74-80.	1.5	26
171	Critical behavior of La <sub>1</sub> ~xSr <sub>x</sub> MnO <sub>3</sub> (0 ≤ x ≤ 0.35) by thermal diffusivity measurements. Physical Review B, 2004, 70, .	3.2	52
172	Ferromagnetic In-Plane Spin Fluctuations in Na <sub>x</sub> CoO <sub>2</sub> Observed by Neutron Inelastic Scattering. Physical Review Letters, 2004, 92, 197201.	7.8	112
173	Growth and magnetic characterization of large R <sub>2</sub> NiO <sub>4</sub> +δ̂ (R=Pr, Nd) single crystals. Journal of Materials Science: Materials in Electronics, 2003, 14, 583-586.	2.2	1
174	Single-crystal growth of La <sub>2</sub> ~2x Sr <sub>1+2x</sub> Mn <sub>2</sub> O <sub>7</sub> under pressure. Journal of Materials Science: Materials in Electronics, 2003, 14, 587-589.	2.2	13
175	Preparation of large single crystals of ANb <sub>2</sub> O <sub>6</sub> (A=Ni, Co, Fe, Mn) by the floating-zone method. Journal of Crystal Growth, 2003, 250, 72-76.	1.5	33
176	Single crystal growth of Zn-doped CuO by the floating-zone method. Journal of Crystal Growth, 2003, 250, 77-82.	1.5	33
177	Observation of three-dimensional Heisenberg-like ferromagnetism in single crystal La <sub>0.875</sub> Sr <sub>0.125</sub> MnO <sub>3</sub> . Physical Review B, 2003, 68, .	3.2	63
178	Charge ordering and structural distortions at low temperature in La <sub>2</sub> ~2x Sr <sub>1+2x</sub> Mn <sub>2</sub> O <sub>7</sub> (x=0.475 and 0.5). Physical Review B, 2003, 67, .	3.2	26
179	Spin Correlations among the Charge Carriers in an Ordered Stripe Phase. Physical Review Letters, 2003, 91, 257201.	7.8	36
180	Magnetic state of Yb in Kondo-lattice YbNi <sub>2</sub> B <sub>2</sub> C. Physical Review B, 2003, 67, .	3.2	17

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181	Spin dynamics in stripe-ordered $\text{La}_{5/3}\text{Sr}_{1/3}\text{NiO}_4$ . <i>Physical Review B</i> , 2003, 67, .	3.2	51
182	Soft X-Ray Resonant Magnetic Diffraction. <i>Physical Review Letters</i> , 2003, 90, 187201.	7.8	81
183	Direct Observation of Orbital Ordering in $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$ Using Soft X-ray Diffraction. <i>Physical Review Letters</i> , 2003, 91, 167205.	7.8	144
184	A $\hat{\text{A}}$ +SR study of the rare earth antiferromagnet $\text{PrO}_2$ . <i>Journal of Physics Condensed Matter</i> , 2003, 15, 8407-8415.	1.8	6
185	Spin reorientation transition in the incommensurate stripe-ordered phase of $\text{La}_{3/2}\text{Sr}_{1/2}\text{NiO}_4$ . <i>Physical Review B</i> , 2002, 66, .	3.2	27
186	X-RAY SCATTERING STUDIES OF CHARGE STRIPES IN $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ ( $x=0.20-0.33$ ). <i>International Journal of Modern Physics B</i> , 2002, 16, 1633-1640.	2.0	3
187	Dispersive magnetic excitations in non-superconducting $\text{PrBa}_2\text{Cu}_3\text{O}_{6+x}$ ( $x \approx 0.93$ ). <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s898-s900.	2.3	3
188	An investigation of the magnetic structure of $\text{PrO}_2$ . <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1773-s1775.	2.3	11
189	Localized $4f$ States and Dynamic Jahn-Teller Effect in $\text{PrO}_2$ . <i>Physical Review Letters</i> , 2001, 86, 2082-2085.	7.8	32
190	Comment on "Magnetoelastic model for the relaxation of lanthanide ions in $\text{YBa}_2\text{Cu}_3\text{O}_7$ " observed by neutron scattering. <i>Physical Review B</i> , 2001, 64, .	3.2	11
191	Coupled Magnetic Excitations in Single Crystal $\text{PrBa}_2\text{Cu}_3\text{O}_6$ . <i>Physical Review Letters</i> , 2001, 86, 5994-5997.	7.8	8
192	X-ray-scattering study of copper magnetism in nonsuperconducting $\text{PrBa}_2\text{Cu}_3\text{O}_6$ . <i>Physical Review B</i> , 2000, 61, 1251-1255.	3.2	26
193	Antiferromagnetic ordering states of oxygen-deficient $\text{NdBa}_2\text{Cu}_3\text{O}_{6+x}$ and $\text{Nd}_{1+y}\text{Ba}_{2-y}\text{Cu}_3\text{O}_{6+x}$ single crystals. <i>Physical Review B</i> , 1999, 59, 3870-3878.	3.2	7
194	Magnetic ordering of $\text{Nd}^{3+}$ in single-crystal $\text{NdBa}_2\text{Cu}_3\text{O}_{6+x}$ . <i>Physical Review B</i> , 1999, 60, 1400-1408.	3.2	5
195	Penetration depth of $\text{YBa}_2\text{Cu}_3\text{O}_7$ measured by polarised neutron reflectometry. <i>Physica B: Condensed Matter</i> , 1998, 248, 163-165.	2.7	3
196	Incommensurate magnetism in $\text{PrBa}_2\text{Cu}_3\text{O}_6$ . <i>Physical Review B</i> , 1998, 58, 11211-11214.	3.2	17
197	The magnetic states of in. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 2275-2294.	1.8	3
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