

# Paolo G Radaelli

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206 papers	15,266 citations	61 h-index	121 g-index
231 ext. papers	16,276 ext. citations	6.3 avg, IF	6.18 L-index

#	Paper	IF	Citations
206	Reversible hydrogen control of antiferromagnetic anisotropy in $\text{FeO}$ . <i>Nature Communications</i> , <b>2021</b> , 12, 1668	17.4	13
205	Detailed crystallographic analysis of the ice V to ice XIII hydrogen-ordering phase transition. <i>Journal of Chemical Physics</i> , <b>2021</b> , 154, 134504	3.9	2
204	Antiferromagnetic half-skyrmions and bimerons at room temperature. <i>Nature</i> , <b>2021</b> , 590, 74-79	50.4	41
203	Crystallographic, Optical, and Electronic Properties of the $\text{Cs}_2\text{AgBi}_{1-x}\text{In}_x\text{Br}_6$ Double Perovskite: Understanding the Fundamental Photovoltaic Efficiency Challenges. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 1073-1081	20.1	10
202	Halide Segregation in Mixed-Halide Perovskites: Influence of A-Site Cations. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 799-808	20.1	46
201	Micromagnetic modeling and imaging of vortex meron structures in an oxide metal heterostructure. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	4
200	Magneto-Optical Kerr Switching Properties of $(\text{CrI}_3)_2$ and $(\text{CrBr}_3/\text{CrI}_3)$ Bilayers. <i>ACS Applied Electronic Materials</i> , <b>2020</b> , 2, 1373-1380	4	14
199	Polarizing an antiferromagnet by optical engineering of the crystal field. <i>Nature Physics</i> , <b>2020</b> , 16, 937-946	16.2	36
198	Emergent helical texture of electric dipoles. <i>Science</i> , <b>2020</b> , 369, 680-684	33.3	16
197	Spin-wave directional anisotropies in antiferromagnetic $\text{Ba}_3\text{NbFe}_3\text{Si}_2\text{O}_{14}$ . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	3
196	Magnetoelectric domains and their switching mechanism in a Y-type hexaferrite. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	8
195	Revealing the nature of photoluminescence emission in the metal-halide double perovskite $\text{Cs}_2\text{AgBiBr}_6$ . <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 8350-8356	7.1	88
194	Magnetic structure and spin-flop transition in the A-site columnar-ordered quadruple perovskite $\text{TmMn}_3\text{O}_6$ . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	9
193	Strain Engineering a Multiferroic Monodomain in Thin-Film $\text{BiFeO}_3$ . <i>Physical Review Applied</i> , <b>2019</b> , 11,	4.3	6
192	Structural and Optical Properties of $\text{Cs}_2\text{AgBiBr}_6$ Double Perovskite. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 299-305	20.1	78
191	Breaking symmetry with light: Ultrafast ferroelectricity and magnetism from three-phonon coupling. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	13
190	Ab initio calculation of spin fluctuation spectra using time-dependent density functional perturbation theory, plane waves, and pseudopotentials. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	13

189	Observation of magnetic vortex pairs at room temperature in a planar $\text{FeO}/\text{Co}$ heterostructure. <i>Nature Materials</i> , <b>2018</b> , 17, 581-585	27	45
188	Evolution of Magneto-Orbital order Upon B-Site Electron Doping in $\text{Na}_{1-x}\text{Ca}_x\text{Mn}_7\text{O}_{12}$ Quadruple Perovskite Manganites. <i>Physical Review Letters</i> , <b>2018</b> , 120, 257202	7.4	7
187	Magneto-orbital ordering in the divalent A-site quadruple perovskite manganites $\text{AMn}_7\text{O}_{12}$ (A=Sr, Cd, and Pb). <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	17
186	Electrical Switching of Magnetic Polarity in a Multiferroic $\text{BiFeO}_3$ Device at Room Temperature. <i>Physical Review Applied</i> , <b>2017</b> , 8,	4.3	6
185	Deterministic and robust room-temperature exchange coupling in monodomain multiferroic $\text{BiFeO}_3$ heterostructures. <i>Nature Communications</i> , <b>2017</b> , 8, 1583	17.4	35
184	Modulated spin helicity stabilized by incommensurate orbital density waves in a quadruple perovskite manganite. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	22
183	Polarization memory in the nonpolar magnetic ground state of multiferroic $\text{CuFeO}_2$ . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	8
182	Coherent Magnetoelastic Domains in Multiferroic $\text{BiFeO}_3$ Films. <i>Physical Review Letters</i> , <b>2016</b> , 117, 177601	7.4	19
181	Detailed crystallographic analysis of the ice VI to ice XV hydrogen ordering phase transition. <i>Journal of Chemical Physics</i> , <b>2016</b> , 145, 204501	3.9	31
180	Ab initio cycloidal and chiral magnetoelectric responses in $\text{Cr}_2\text{O}_3$ . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	2
179	Magnetostriction-driven ground-state stabilization in 2H perovskites. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	1
178	Non-ferroelectric nature of the conductance hysteresis in $\text{CH}_3\text{NH}_3\text{PbI}_3$ perovskite-based photovoltaic devices. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 173502	3.4	173
177	Theory of Electromagnons in $\text{CuO}$ . <i>Physical Review Letters</i> , <b>2015</b> , 114, 197201	7.4	13
176	First-principles study of structurally modulated multiferroic $\text{CaMn}_7\text{O}_{12}$ . <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	12
175	The contribution of Diamond Light Source to the study of strongly correlated electron systems and complex magnetic structures. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2015</b> , 373,	3	5
174	Diffraction Studies of Multiferroics. <i>Annual Review of Materials Research</i> , <b>2014</b> , 44, 269-298	12.8	27
173	Magnetic and ferroelectric orderings in multiferroic $\text{NaFeO}_2$ . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	16
172	Magnetically induced femtoscale strain modulations in $\text{HoMn}_2\text{O}_5$ . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	2

171	CaBaCo <sub>4</sub> O <sub>7</sub> : A ferrimagnetic pyroelectric. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	32
170	First-principles study of multiferroic RbFe(MoO <sub>4</sub> ) <sub>2</sub> . <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	5
169	Pressure-induced polar phases in multiferroic delafossite CuFeO <sub>2</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	32
168	Policy: Crystallography needs a governing body. <i>Nature</i> , <b>2014</b> , 505, 607-9	50.4	2
167	Magnetic phase diagram and ordered ground state of GdMn <sub>2</sub> O <sub>5</sub> multiferroic studied by x-ray magnetic scattering. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 519, 012004	0.3	5
166	Magnetic fan structures in Ba <sub>0.5</sub> Sr <sub>1.5</sub> Zn <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> hexaferrite revealed by resonant soft x-ray diffraction. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	7
165	MnSb <sub>2</sub> O <sub>6</sub> : a polar magnet with a chiral crystal structure. <i>Physical Review Letters</i> , <b>2013</b> , 111, 017202	7.4	24
164	Ba <sub>2</sub> YFeO <sub>5.5</sub> : A Ferromagnetic Pyroelectric Phase Prepared by Topochemical Oxidation.. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 1800-1808	9.6	12
163	Giant tunability of ferroelectric polarization in GdMn <sub>2</sub> O <sub>5</sub> . <i>Physical Review Letters</i> , <b>2013</b> , 110, 137203	7.4	88
162	X-ray imaging and multiferroic coupling of cycloidal magnetic domains in ferroelectric monodomain BiFeO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2013</b> , 110, 217206	7.4	62
161	Ferroelectricity and lattice distortion associated with spin orderings in a multiferroic delafossite AgFeO <sub>2</sub> . <i>EPJ Web of Conferences</i> , <b>2013</b> , 40, 15008	0.3	6
160	Magneto-orbital helices as a route to coupling magnetism and ferroelectricity in multiferroic CaMnO <sub>3</sub> . <i>Nature Communications</i> , <b>2012</b> , 3, 1277	17.4	76
159	Spin waves and revised crystal structure of honeycomb iridate Na <sub>2</sub> IrO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 108, 127204	7.4	408
158	Giant improper ferroelectricity in the ferroaxial magnet CaMn <sub>7</sub> O <sub>12</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 108, 067201	7.4	203
157	Spiral-spin-driven ferroelectricity in a multiferroic delafossite AgFeO <sub>2</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 109, 097203	7.4	47
156	Comment on "Spin-canting-induced improper ferroelectricity and spontaneous magnetization reversal in SmFeO <sub>3</sub> ". <i>Physical Review Letters</i> , <b>2012</b> , 108, 219701; author reply 219702	7.4	56
155	Electric field control of the magnetic chiralities in ferroaxial multiferroic RbFe(MoO <sub>4</sub> ) <sub>2</sub> . <i>Physical Review Letters</i> , <b>2012</b> , 108, 237201	7.4	49
154	Helical scattering signatures of strain and electronic textures in YbFe <sub>2</sub> O <sub>4</sub> from three-dimensional reciprocal-space imaging. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	22

153	The polymorphism of ice: five unresolved questions. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 18468-80	5.0	163
152	Cu <sub>3</sub> Nb <sub>2</sub> O <sub>8</sub> : a multiferroic with chiral coupling to the crystal structure. <i>Physical Review Letters</i> , <b>2011</b> , 107, 137205	7.4	55
151	Wish: The New Powder and Single Crystal Magnetic Diffractometer on the Second Target Station. <i>Neutron News</i> , <b>2011</b> , 22, 22-25	0.4	193
150	Helical spin waves, magnetic order, and fluctuations in the langasite compound Ba <sub>3</sub> NbFe <sub>3</sub> Si <sub>2</sub> O <sub>14</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	33
149	Direct observation of charge order in triangular metallic AgNiO <sub>2</sub> by single-crystal resonant X-ray scattering. <i>Physical Review Letters</i> , <b>2011</b> , 106, 157206	7.4	15
148	Incommensurate magnetic structure of YMn <sub>2</sub> O <sub>5</sub> : A stringent test of the multiferroic mechanism. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	23
147	Structural behavior of the kagome antiferromagnet TmBaCo <sub>4</sub> O <sub>7</sub> : Neutron diffraction study and group-theoretical consideration. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	37
146	One-dimensional magnetic fluctuations in the spin-2 triangular lattice alpha-NaMnO <sub>2</sub> . <i>Physical Review Letters</i> , <b>2009</b> , 103, 077202	7.4	58
145	Multiferroicity and spiral magnetism in FeVO <sub>4</sub> with quenched Fe orbital moments. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	31
144	Ice XV: a new thermodynamically stable phase of ice. <i>Physical Review Letters</i> , <b>2009</b> , 103, 105701	7.4	213
143	Magnetic correlations in the extended kagome YBaCo <sub>4</sub> O <sub>7</sub> probed by single-crystal neutron scattering. <i>Physical Review Letters</i> , <b>2009</b> , 103, 037202	7.4	84
142	Electric field switching of antiferromagnetic domains in YMn <sub>2</sub> O <sub>5</sub> : a probe of the multiferroic mechanism. <i>Physical Review Letters</i> , <b>2008</b> , 101, 067205	7.4	41
141	A neutron diffraction study of RMn <sub>2</sub> O <sub>5</sub> multiferroics. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 43421-13	1.3	64
140	Crystal and magnetic structures of (La <sub>0.70</sub> Ca <sub>0.30</sub> )(Cr <sub>1/3</sub> Mn <sub>2/3</sub> )O <sub>3</sub> : A neutron powder diffraction study. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	11
139	A calorimetric study on the low temperature dynamics of doped ice V and its reversible phase transition to hydrogen ordered ice XIII. <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 6313-24	3.6	40
138	Commensurate magnetic structures of RMn <sub>2</sub> O <sub>5</sub> (R=Y, Ho, Bi) determined by single-crystal neutron diffraction. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	62
137	Commensurate phase of multiferroic HoMn <sub>2</sub> O <sub>5</sub> studied by x-ray magnetic scattering. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	24
136	Simulations and design of detectors for imaging with epithermal neutrons. <i>Measurement Science and Technology</i> , <b>2008</b> , 19, 034027	2	5

135	Charge disproportionation and collinear magnetic order in the frustrated triangular antiferromagnet AgNiO <sub>2</sub> . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	27
134	From single-molecule magnetism to long-range ferromagnetism in Hpyr[Fe17O16(OH)12(py)12Br4]Br4. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	9
133	Structural anomalies at the magnetic transition in centrosymmetric BiMnO <sub>3</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	70
132	Magnetoelastic coupling and symmetry breaking in the frustrated antiferromagnet alpha-NaMnO <sub>2</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 247211	7.4	70
131	In situ neutron diffraction study of residual stress development in MgO/SiC ceramic nanocomposites during thermal cycling. <i>Acta Materialia</i> , <b>2007</b> , 55, 4535-4544	8.4	6
130	Magnetoelastic Coupling Across the Metamagnetic Transition in Ca <sub>2-x</sub> Sr <sub>x</sub> RuO <sub>4</sub> ((0.2 ≤ x ≤ 0.5)). <i>Journal of Low Temperature Physics</i> , <b>2007</b> , 147, 405-420	1.3	13
129	Symmetry constraints on the electrical polarization in multiferroic materials. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	36
128	Orbital degeneracy removed by charge order in triangular antiferromagnet AgNiO <sub>2</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 99, 157204	7.4	51
127	Structural phase transition and magnetism in hexagonal SrMnO <sub>3</sub> by magnetization measurements and by electron, x-ray, and neutron diffraction studies. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	34
126	Understanding the insulating phase in colossal magnetoresistance manganites: shortening of the Jahn-Teller long-bond across the phase diagram of La <sub>1-x</sub> CaxMnO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2007</b> , 98, 137203	7.4	64
125	Ferroelectricity induced by acentric spin-density waves in YMn <sub>2</sub> O <sub>5</sub> . <i>Physical Review Letters</i> , <b>2006</b> , 96, 097601	7.4	190
124	Competing magnetic interactions in the extended Kagomé system YBaCo <sub>4</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	118
123	Phase imaging using time-of-flight neutron diffraction. <i>Journal of Applied Crystallography</i> , <b>2006</b> , 39, 82-89	3.3	10
122	Ordering on geometrically frustrating lattices: The perspective of TOF neutron crystallography. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 385-386, 29-34	2.8	2
121	Local structural aspects of the orthorhombic to pseudo-cubic phase transformation in La <sub>1-x</sub> CaxMnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 385-386, 110-112	2.8	7
120	Imaging crystallographic phases using time-of-flight neutron diffraction. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 385-386, 1203-1205	2.8	1
119	Structural and magnetic properties of the Kagomé antiferromagnet YbBaCo <sub>4</sub> O <sub>7</sub> . <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 1136-1145	3.3	128
118	Neutron texture analysis on GEM at ISIS. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 385-386, 639-643	2.8	39

117	The preparation and structures of hydrogen ordered phases of ice. <i>Science</i> , <b>2006</b> , 311, 1758-61	33.3	209
116	Orbital ordering in transition-metal spinels. <i>New Journal of Physics</i> , <b>2005</b> , 7, 53-53	2.9	134
115	Structural evolution of natrolite during over-hydration: a high-pressure neutron diffraction study. <i>European Journal of Mineralogy</i> , <b>2005</b> , 17, 305-314	2.2	37
114	Spin structure and magnetic frustration in multiferroic RMn <sub>2</sub> O <sub>5</sub> (R=Tb, Ho, Dy). <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	242
113	Crystal structure of the superconducting layered cobaltate Na <sub>x</sub> CoO <sub>2</sub> ·yD <sub>2</sub> O. <i>Journal of Physics Condensed Matter</i> , <b>2005</b> , 17, 3293-3304	1.8	13
112	Resonant x-ray diffraction study of the charge ordering in magnetite. <i>Journal of Physics Condensed Matter</i> , <b>2005</b> , 17, 7633-7642	1.8	40
111	Magnetic order and lattice anomalies in the J1-J2 model system VOMoO <sub>4</sub> . <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	26
110	Structural aspects of metamagnetism in Ca <sub>2-x</sub> Sr <sub>x</sub> RuO <sub>4</sub> : evidence for field tuning of orbital occupation. <i>Physical Review Letters</i> , <b>2005</b> , 95, 267403	7.4	14
109	Temperature-induced barium de-trapping from a double-well potential in Ba <sub>6</sub> Ge <sub>25</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2004</b> , 16, 7287-7302	1.8	8
108	Spin singlet formation in MgTi <sub>2</sub> O <sub>4</sub> : evidence of a helical dimerization pattern. <i>Physical Review Letters</i> , <b>2004</b> , 92, 056402	7.4	148
107	Structural anomalies and multiferroic behavior in magnetically frustrated TbMn <sub>2</sub> O <sub>5</sub> . <i>Physical Review Letters</i> , <b>2004</b> , 93, 177402	7.4	290
106	The phase-diagram of Ca <sub>2-x</sub> Sr <sub>x</sub> RuO <sub>4</sub> : Relation between crystal distortions and physical properties. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 840, Q4.1.1		
105	Pressure Effects on Structural and Electronic Properties of Superconductors <b>2004</b> , 429-446		1
104	CORRELATION BETWEEN LOCAL OXYGEN DISORDER AND ELECTRONIC PROPERTIES IN SUPERCONDUCTING RESR <sub>2</sub> CU <sub>3</sub> O <sub>6</sub> +X(RE = Y, YB). <i>International Journal of Modern Physics B</i> , <b>2003</b> , 17, 873-878	1.1	3
103	Structural transformation induced by magnetic field and "colossal-like" magnetoresistance response above 313 K in MnAs. <i>Physical Review Letters</i> , <b>2003</b> , 90, 097203	7.4	88
102	Formation of isomorphous Ir <sup>3+</sup> and Ir <sup>4+</sup> octamers and spin dimerization in the spinel CuIr <sub>2</sub> S <sub>4</sub> . <i>Nature</i> , <b>2002</b> , 416, 155-8	50.4	269
101	X-ray-induced disordering of the dimerization pattern and apparent low-temperature enhancement of lattice symmetry in spinel CuIr <sub>2</sub> S <sub>4</sub> . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	44
100	Structural and magnetic ordering in Pr <sub>0.65</sub> (Ca <sub>1-y</sub> Sr <sub>y</sub> ) <sub>0.35</sub> MnO <sub>3</sub> : Quantum critical point versus phase segregation scenarios. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	37



99	Neutron Diffraction Study of Nanocrystalline Oxycarbide Glasses Prepared by Sol-Gel. <i>Materials Science Forum</i> , <b>2002</b> , 386-388, 275-280	0.4	3
98	Structural phenomena associated with the spin-state transition in LaCoO <sub>3</sub> . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	424
97	Charge ordered structure of magnetite Fe <sub>3</sub> O <sub>4</sub> below the Verwey transition. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	267
96	In-situ characterization of $\gamma$ lattice stability in a nickel-base superalloy by neutron diffraction. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , <b>2001</b> , 32, 1551-1552	2.3	4
95	The low temperature phase transition in octane and its possible generalisation to other n-alkanes. <i>Chemical Physics</i> , <b>2001</b> , 266, 53-68	2.3	5
94	Local atomic strain in ZnSe <sub>1-x</sub> Te <sub>x</sub> from high real-space resolution neutron pair distribution function measurements. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	34
93	Mesoscopic and microscopic phase segregation in manganese perovskites. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	137
92	Long range charge ordering in magnetite below the Verwey transition. <i>Physical Review Letters</i> , <b>2001</b> , 87, 266401	7.4	268
91	Neutron scattering studies of phase segregation in Pr <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2000</b> , 276-278, 551-553	2.8	14
90	Mechanical against chemical pressure in the Y(Ba <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> system. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 341-348, 375-378	1.3	10
89	Structure and superconductivity of YSr <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 341-348, 605-606	1.3	12
88	Further study of the cation ordering in phengite 3T by neutron powder diffraction. <i>Mineralogical Magazine</i> , <b>2000</b> , 64, 11-18	1.7	32
87	Crystal and electronic structures of superconducting YSr <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> <b>2000</b> ,		4
86	Charge, Orbital and Magnetic Ordering in La <sub>0.333</sub> Ca <sub>0.667</sub> MnO <sub>3</sub> . <i>Materials Science Forum</i> , <b>2000</b> , 321-324, 818-822	0.4	
85	HIGH PRESSURE SYNTHESIS AND CHARACTERIZATION OF YSr <sub>2</sub> Cu <sub>3</sub> O <sub>w</sub> . <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 2658-2663	1.1	2
84	A powder diffraction study of the phase transition in LaAlO <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2000</b> , 215, 536-541	1	30
83	Structure and Magnetism in the Layered CMR Manganites La <sub>2-2x</sub> Sr <sub>1+2x</sub> Mn <sub>2</sub> O <sub>7</sub> (x= 0.3, 0.4). <i>Australian Journal of Physics</i> , <b>1999</b> , 52, 279		4
82	Neutron Diffraction from Novel Materials. <i>MRS Bulletin</i> , <b>1999</b> , 24, 24-28	3.2	30



81	Lattice effects and magnetic structure in the layered colossal magnetoresistance manganite $\text{La}_{2-2x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ , $x=0.3$ . <i>Physical Review B</i> , <b>1999</b> , 59, 8695-8702	3.3	101
80	Structure of $\text{HgBa}_2\text{CuO}_4+\delta$ 0.06. <i>Physical Review B</i> , <b>1999</b> , 59, 7209-7215	3.3	32
79	Location of Brüsted sites in D-ferrierite by neutron powder diffraction. <i>Microporous and Mesoporous Materials</i> , <b>1999</b> , 30, 95-101	5.3	42
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76	Transition from itinerant to polaronic conduction in $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ perovskites. <i>Europhysics Letters</i> , <b>1999</b> , 45, 399-405	1.6	38
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