

Taka-hisa Arima

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.

296
papers

26,650
citations

70
h-index

159
g-index

298
ext. papers

28,838
ext. citations

5.7
avg, IF

6.69
L-index

#	Paper	IF	Citations
296	Do electron distributions with orbital degree of freedom exhibit anisotropy?. <i>Materials Advances</i> , 2022 , 3, 3192-3198	3.3	1
295	Square and rhombic lattices of magnetic skyrmions in a centrosymmetric binary compound.. <i>Nature Communications</i> , 2022 , 13, 1472	17.4	6
294	Writing of strain-controlled multiferroic ribbons into MnWO. <i>Nature Communications</i> , 2021 , 12, 6199	17.4	0
293	Nonreciprocal second harmonic generation in a magnetoelectric material. <i>Science Advances</i> , 2021 , 7,	14.3	4
292	Immediately produced, immortally preserved. <i>Nature Materials</i> , 2021 , 20, 5-6	27	
291	Direct Observation of Cycloidal Spin Modulation and Field-induced Transition in Néel-type Skyrmion-hosting VOSe ₂ O ₅ . <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 024705	1.5	5
290	X-ray study of ferroic octupole order producing anomalous Hall effect. <i>Nature Communications</i> , 2021 , 12, 5582	17.4	1
289	Above-ordering-temperature large anomalous Hall effect in a triangular-lattice magnetic semiconductor.. <i>Science Advances</i> , 2021 , 7, eabl5381	14.3	1
288	Motion tracking of 80-nm-size skyrmions upon directional current injections. <i>Science Advances</i> , 2020 , 6, eaaz9744	14.3	19
287	Soft-X-Ray Vortex Beam Detected by Inline Holography. <i>Physical Review Applied</i> , 2020 , 14,	4.3	2
286	Augmented Magnetic Octupole in Kagomí 20-degree Antiferromagnets Detectable via X-ray Magnetic Circular Dichroism. <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 083703	1.5	5
285	Anisotropic magnetodielectric coupling in antiferromagnet Co ₄ Nb ₂ O ₉ . <i>Applied Physics Letters</i> , 2019 , 114, 102905	3.4	13
284	Sparse Phase Retrieval Algorithm for Observing Isolated Magnetic Skyrmions by Coherent Soft X-ray Diffraction Imaging. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 024009	1.5	10
283	Skyrmion lattice with a giant topological Hall effect in a frustrated triangular-lattice magnet. <i>Science</i> , 2019 , 365, 914-918	33.3	194
282	Femtosecond activation of magnetoelectricity. <i>Nature Physics</i> , 2018 , 14, 370-374	16.2	21
281	Current-Driven Motion of Domain Boundaries between Skyrmion Lattice and Helical Magnetic Structure. <i>Nano Letters</i> , 2018 , 18, 929-933	11.5	11
280	All-in-all-out magnetic domain inversion in Tb ₂ Ir ₂ O ₇ with molecular fields antiparallel to external fields. <i>Physical Review Materials</i> , 2018 , 2,	3.2	7

279	Deformation of Topologically-Protected Supercooled Skyrmions in a Thin Plate of Chiral Magnet CoZnMn. <i>Nano Letters</i> , 2017 , 17, 1637-1641	11.5	26
278	Current-Induced Nucleation and Annihilation of Magnetic Skyrmions at Room Temperature in a Chiral Magnet. <i>Advanced Materials</i> , 2017 , 29, 1606178	24	40
277	Hard X-ray Resonant Scattering for Studying Magnetism. <i>Springer Tracts in Modern Physics</i> , 2017 , 119-150.1		
276	Physical properties and crystal structure analysis of double-perovskite NdBaMn2O6 by using single crystals. <i>Physical Review B</i> , 2017 , 95,	3.3	12
275	Manipulation of electric polarization with rotating magnetic field in a honeycomb antiferromagnet Co4Nb2O9. <i>Physical Review B</i> , 2017 , 96,	3.3	30
274	Magneto-chiral dichroism of CsCuCl3. <i>Physical Review B</i> , 2017 , 96,	3.3	16
273	"Visible" 5d Orbital States in a Pleochroic Oxochloride. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10784-10789	16.4	11
272	Thermodynamically stable skyrmion lattice at low temperatures in a bulk crystal of lacunar spinel GaV4Se8. <i>Physical Review B</i> , 2017 , 95,	3.3	54
271	Visualizing ferroic domains in an all-in/all-out antiferromagnet thin film. <i>Physical Review B</i> , 2017 , 96,	3.3	5
270	Néel-Type Skyrmion Lattice in the Tetragonal Polar Magnet VOSe ₂ O ₅ . <i>Physical Review Letters</i> , 2017 , 119, 237201	7.4	80
269	Superconductivity at the Polar-Nonpolar Phase Boundary of SnP with an Unusual Valence State. <i>Physical Review Letters</i> , 2017 , 119, 207001	7.4	8
268	Emergence and magnetic-field variation of chiral-soliton lattice and skyrmion lattice in the strained helimagnet Cu2OSeO3. <i>Physical Review B</i> , 2017 , 96,	3.3	16
267	Skyrmion lattice structural transition in MnSi. <i>Science Advances</i> , 2017 , 3, e1602562	14.3	62
266	Directional electric-field induced transformation from skyrmion lattice to distinct helices in multiferroic Cu2OSeO3. <i>Physical Review B</i> , 2017 , 95,	3.3	8
265	Spin-Orbital Correlated Dynamics in the Spinel-Type Vanadium Oxide MnV ₂ O ₄ . <i>Physical Review Letters</i> , 2017 , 119, 017201	7.4	7
264	Spin-wave spectroscopy of the Dzyaloshinskii-Moriya interaction in room-temperature chiral magnets hosting skyrmions. <i>Physical Review B</i> , 2017 , 95,	3.3	36
263	Enhanced ferromagnetic transition temperature induced by a microscopic structural rearrangement in the diluted magnetic semiconductor Ge _{1-x} MnxTe. <i>Physical Review B</i> , 2017 , 95,	3.3	2
262	Topological spin-hedgehog crystals of a chiral magnet as engineered with magnetic anisotropy. <i>Physical Review B</i> , 2017 , 96,	3.3	18

261	Stabilization of magnetic skyrmions by uniaxial tensile strain. <i>Physical Review B</i> , 2017 , 96,	3-3	18
260	Electrical magnetochiral effect induced by chiral spin fluctuations. <i>Nature Communications</i> , 2017 , 8, 866	17.4	37
259	Monochiral helimagnetism in homochiral crystals of CsCuCl ₃ . <i>Physical Review Materials</i> , 2017 , 1,	3.2	11
258	Skyrmion formation in a bulk chiral magnet at zero magnetic field and above room temperature. <i>Physical Review Materials</i> , 2017 , 1,	3.2	42
257	Electromagnon excitation in the field-induced noncollinear ferrimagnetic phase of Ba ₂ Mg ₂ Fe ₁₂ O ₂₂ studied by polarized inelastic neutron scattering and terahertz time-domain optical spectroscopy. <i>Physical Review B</i> , 2016 , 93,	3-3	10
256	All-in-all-out magnetic domain wall conduction in a pyrochlore iridate heterointerface. <i>Physical Review B</i> , 2016 , 93,	3-3	23
255	Gigantic directional asymmetry of luminescence in multiferroic CuB ₂ O ₄ . <i>Physical Review B</i> , 2016 , 93,	3-3	12
254	Magnetoelectric coupling in the honeycomb antiferromagnet Co ₄ Nb ₂ O ₉ . <i>Physical Review B</i> , 2016 , 93,	3-3	70
253	MgZnO/ZnO heterostructures with electron mobility exceeding 1 × 10 ⁶ cm ² /Vs. <i>Scientific Reports</i> , 2016 , 6, 26598	4.9	56
252	Heat-Treatment-Induced Switching of Magnetic States in the Doped Polar Semiconductor Ge _{1-x} MnxTe. <i>Scientific Reports</i> , 2016 , 6, 25748	4.9	11
251	Application of strain to orbital-spin-coupled system MnV ₂ O ₄ at cryogenic temperatures within a transmission electron microscope. <i>Microscopy (Oxford, England)</i> , 2016 , 65, 223-32	1.3	2
250	Quantum Hall effect in a bulk antiferromagnet EuMnBi ₂ with magnetically confined two-dimensional Dirac fermions. <i>Science Advances</i> , 2016 , 2, e1501117	14.3	110
249	Surface Ordering of Orbitals at a Higher Temperature in LaCoO ₃ Thin Film. <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 023704	1.5	7
248	Magnetic structures and excitations in a multiferroic Y-type hexaferrite BaSrCo ₂ Fe ₁₁ AlO ₂₂ . <i>Physical Review B</i> , 2016 , 94,	3-3	38
247	Magnon dispersion shift in the induced ferromagnetic phase of noncentrosymmetric MnSi. <i>Physical Review B</i> , 2016 , 94,	3-3	32
246	All-in-all-out magnetic domain size in pyrochlore iridate thin films as probed by local magnetotransport. <i>Applied Physics Letters</i> , 2016 , 108, 022402	3.4	19
245	Novel insight into structural magnetism by polarized synchrotron X-ray scatteringThe research was conducted at RIKEN SPring-8 Center.View all notes. <i>Advances in Physics: X</i> , 2016 , 1, 128-145	5.1	3
244	Uniaxial-stress control of spin-driven ferroelectricity in multiferroic Ba ₂ (CoGe ₂)O ₇ . <i>Physical Review Letters</i> , 2015 , 114, 067201	7.4	14

243	All-in-all-out magnetic domains: x-ray diffraction imaging and magnetic field control. <i>Physical Review Letters</i> , 2015 , 114, 147205	7.4	31
242	Odd-parity magnetoresistance in pyrochlore iridate thin films with broken time-reversal symmetry. <i>Scientific Reports</i> , 2015 , 5, 9711	4.9	50
241	Large magnetochromism in multiferroic MnWO ₄ . <i>Physical Review B</i> , 2015 , 91,	3.3	3
240	X-ray study of metal-insulator transitions induced by W doping and photoirradiation in VO ₂ films. <i>Physical Review B</i> , 2015 , 91,	3.3	14
239	X-ray induced lock-in transition of cycloidal magnetic order in a multiferroic perovskite manganite. <i>Physical Review B</i> , 2015 , 91,	3.3	2
238	Uniaxial stress control of skyrmion phase. <i>Nature Communications</i> , 2015 , 6, 8539	17.4	111
237	Electron scattering times in ZnO based polar heterostructures. <i>Applied Physics Letters</i> , 2015 , 107, 082103	3.4	30
236	A charge-disproportionate ordered state with $\mu = 0.75$ in a chemically sensitive donor/acceptor D _{3h} (2)A(2E) layered framework. <i>Chemical Communications</i> , 2015 , 51, 7795-8	5.8	20
235	X-ray magnetic circular dichroism study of an orbital ordered state in the spinel-type vanadium oxide AV ₂ O ₄ (A=Mn,Fe). <i>Physical Review B</i> , 2015 , 92,	3.3	13
234	Large trigonal-field effect on spin-orbit coupled states in a pyrochlore iridate. <i>Physical Review B</i> , 2015 , 92,	3.3	17
233	Strain-sensitive spin-state ordering in thin films of perovskite LaCoO ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	19
232	Dynamical process of skyrmion-helical magnetic transformation of the chiral-lattice magnet FeGe probed by small-angle resonant soft x-ray scattering. <i>Physical Review B</i> , 2015 , 92,	3.3	28
231	Piezomagnetolectric Effect of Spin Origin in Dysprosium Orthoferrite. <i>Physical Review Letters</i> , 2015 , 115, 197205	7.4	12
230	One-Way Transparency of Light in Multiferroic CuB ₂ O ₄ . <i>Physical Review Letters</i> , 2015 , 115, 267207	7.4	45
229	Lorentz transmission electron microscopy on nanometric magnetic bubbles and skyrmions in bilayered manganites La _{1.2} Sr _{1.8} (Mn _{1-x} Ruy) ₂ O ₇ with controlled magnetic anisotropy. <i>Applied Physics Letters</i> , 2015 , 107, 212401	3.4	27
228	Ferroelectric-like metallic state in electron doped BaTiO ₃ . <i>Scientific Reports</i> , 2015 , 5, 13207	4.9	28
227	Distinct Substrate Effect on the Reversibility of the Metal-Insulator Transitions in Electrolyte-Gated VO ₂ Thin Films. <i>Advanced Electronic Materials</i> , 2015 , 1, 1500093	6.4	24
226	Gate-tunable gigantic lattice deformation in VO ₂ . <i>Applied Physics Letters</i> , 2014 , 104, 023507	3.4	27

225	Magnetic biasing of a ferroelectric hysteresis loop in a multiferroic orthoferrite. <i>Physical Review Letters</i> , 2014 , 112, 037203	7.4	40
224	Structural Evolution of $\text{GdBaCo}_2\text{O}_{5+\delta}$ ($\delta = 7/18$) at Elevated Temperatures. <i>Chemistry of Materials</i> , 2014 , 26, 6503-6517	9.6	8
223	Evolution of magnetic and structural transitions and enhancement of magnetocaloric effect in $\text{Fe}_{1-x}\text{Mn}_x\text{V}_2\text{O}_4$. <i>Physical Review B</i> , 2014 , 89,	3.3	23
222	Visualization of ferroelectric domains in boracite using emission of terahertz radiation. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 09PD08	1.4	9
221	Multi-spin-state dynamics during insulator-metal crossover in LaCoO_3 . <i>Physical Review B</i> , 2014 , 90,	3.3	21
220	Ferroelectricity driven by charge ordering in the A-site ordered perovskite manganite $\text{SmBaMn}_2\text{O}_6$. <i>Physical Review B</i> , 2014 , 90,	3.3	15
219	Spin and orbital contributions to magnetically ordered moments in 5d layered perovskite Sr_2IrO_4 . <i>Physical Review Letters</i> , 2014 , 112, 016405	7.4	30
218	Magnetic-field-induced spin flop transition and magnetoelectric effect in $\text{Ca}_2\text{Fe}_2\text{Al}_x\text{O}_5$. <i>Physical Review B</i> , 2014 , 89,	3.3	14
217	Orbital-spin-coupled fluctuations in spinel vanadate MnV_2O_4 . <i>Physical Review B</i> , 2013 , 87,	3.3	15
216	A-type antiferro-orbital ordering with $I_4(1)/a$ symmetry and geometrical frustration in the spinel vanadate MgV_2O_4 . <i>Physical Review Letters</i> , 2013 , 111, 267201	7.4	18
215	TEM studies of domain formation mechanisms in MnV_2O_4 . <i>Journal of Alloys and Compounds</i> , 2013 , 577, S731-S735	5.7	1
214	Superconductivity in Cu_xIrTe_2 driven by interlayer hybridization. <i>Physical Review B</i> , 2013 , 87,	3.3	60
213	Complex orbital state stabilized by strong spin-orbit coupling in a metallic iridium oxide IrO_2 . <i>Physical Review B</i> , 2013 , 87,	3.3	15
212	Three-dimensional near-surface imaging of chirality domains with circularly polarized X-rays. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8718-21	16.4	18
211	Incommensurate structure of $\text{GdBaCo}_2\text{O}_{5+\delta}$ ($\delta = 0.38$). <i>Journal of Solid State Chemistry</i> , 2013 , 198, 532-541	3.3	6
210	Time-Reversal Symmetry Breaking and Consequent Physical Responses Induced by All-In-All-Out Type Magnetic Order on the Pyrochlore Lattice. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 013705	1.5	49
209	Interplay among spin, orbital, and lattice degrees of freedom in a frustrated spinel Mn_3O_4 . <i>Physical Review B</i> , 2013 , 87,	3.3	20
208	Structural phase transition and magnetic-field effect on the modulated structure in $\text{GdBaCo}_2\text{O}_{5+\delta}$ (<i>Physical Review Letters</i> , 2013 , 110, 125502	7.4	4

207	Magnetic control of electric polarization in the noncentrosymmetric compound (Cu,Ni)B ₂ O ₄ . <i>Physical Review B</i> , 2013 , 87,	3-3	23
206	Determination of long-range all-in-all-out ordering of Ir ⁴⁺ moments in a pyrochlore iridate Eu ₂ Ir ₂ O ₇ by resonant x-ray diffraction. <i>Physical Review B</i> , 2013 , 87,	3-3	109
205	Resonant x-ray diffraction study of the strongly spin-orbit-coupled mott insulator CaIrO ₃ . <i>Physical Review Letters</i> , 2013 , 110, 217212	7-4	48
204	Emergent phenomena in perovskite-type manganites. <i>Physica B: Condensed Matter</i> , 2012 , 407, 1685-1688.	8-8	4
203	Charge and Orbital Order Patterns in an A-Site Ordered Perovskite-Type Manganite SmBaMn ₂ O ₆ Determined by Convergent-Beam Electron Diffraction. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 093602	1-5	15
202	Possible skyrmion-lattice ground state in the B20 chiral-lattice magnet MnGe as seen via small-angle neutron scattering. <i>Physical Review B</i> , 2012 , 86,	3-3	103
201	Tetrahedral magnetic order and the metal-insulator transition in the pyrochlore lattice of Cd ₂ Os ₂ O ₇ . <i>Physical Review Letters</i> , 2012 , 108, 247205	7-4	89
200	Orbital structures in spinel vanadates AV ₂ O ₄ (A = Fe, Mn). <i>Physical Review B</i> , 2012 , 86,	3-3	58
199	Magnetic shape memory effect in orbital-spin-coupled system MnV ₂ O ₄ . <i>Applied Physics Letters</i> , 2012 , 100, 051905	3-4	17
198	Electric-field-induced generation and reversal of ferromagnetic moment in ferrites. <i>Nature Physics</i> , 2012 , 8, 838-844	16.2	138
197	Successive Electronic Transitions and Anisotropic Properties in a Double-Perovskite SmBaMn ₂ O ₆ Single Crystal. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 113711	1-5	10
196	Two-dimensional Heisenberg behavior of J(eff)=1/2 isospins in the paramagnetic state of the spin-orbital Mott insulator Sr ₂ IrO ₄ . <i>Physical Review Letters</i> , 2012 , 108, 247212	7-4	133
195	Soft phonon mode coupled with antiferromagnetic order in incipient-ferroelectric Mott insulators Sr _{1-x} Ba _x MnO ₃ . <i>Physical Review B</i> , 2012 , 86,	3-3	30
194	Observations of charge-ordered and magnetic domains in LuFe ₂ O ₄ using transmission electron microscopy. <i>Physical Review B</i> , 2012 , 86,	3-3	12
193	Weak antiferromagnetism of J _{eff} =12 band in bilayer iridate Sr ₃ Ir ₂ O ₇ . <i>Physical Review B</i> , 2012 , 86,	3-3	51
192	Large topological Hall effect in a short-period helimagnet MnGe. <i>Physical Review Letters</i> , 2011 , 106, 156603	7-4	372
191	Displacement-type ferroelectricity with off-center magnetic ions in perovskite Sr(1-x)Ba(x)MnO ₃ . <i>Physical Review Letters</i> , 2011 , 107, 137601	7-4	118
190	Magnetically driven ferroelectric atomic displacements in orthorhombic YMnO ₃ . <i>Physical Review B</i> , 2011 , 84,	3-3	66

189	Ultrafast spectral weight transfer in RBaCo_2O_6 (R=Sm, Gd, and Tb): Role of electronic correlation in a photoinduced phase transition. <i>Physical Review B</i> , 2011 , 84,	3-3	15
188	Magnetic-field effects on Jahn-Teller distortion in ferroelastic magnetic insulator $\text{Fe}_{1-x}\text{Mn}_x\text{Cr}_2\text{O}_4$. <i>Applied Physics Letters</i> , 2011 , 99, 082506	3-4	9
187	Transient photoinduced hidden phase in a manganite. <i>Nature Materials</i> , 2011 , 10, 101-5	27	170
186	Stepwise neutral-ionic phase transitions in a covalently bonded donor/acceptor chain compound. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5338-45	16.4	60
185	Spin-Driven Ferroelectricity and Magneto-Electric Effects in Frustrated Magnetic Systems. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 052001	1.5	107
184	Ferrimagnetism and spontaneous ordering of transition metals in double perovskite $\text{La}_2\text{CrFeO}_6$ films. <i>Physical Review B</i> , 2011 , 84,	3-3	39
183	Versatile helimagnetic phases under magnetic fields in cubic perovskite SrFeO_3 . <i>Physical Review B</i> , 2011 , 84,	3-3	108
182	Multiferroicity in NiBr_2 with long-wavelength cycloidal spin structure on a triangular lattice. <i>Physical Review B</i> , 2011 , 84,	3-3	25
181	Magnetic domain structure in the orbital-spin-coupled system MnV_2O_4 . <i>Physical Review B</i> , 2011 , 84,	3-3	6
180	X-ray induced insulator-metal transition in a thin film of electron-doped VO_2 . <i>Physical Review B</i> , 2011 , 84,	3-3	15
179	Correlation between the mobility of domain wall and polarization flop direction in a slanted magnetic field in the helimagnetic ferroelectrics $\text{Tb}_{1-x}\text{Dy}_x\text{MnO}_3$. <i>Physical Review B</i> , 2011 , 83,	3-3	11
178	Interfacial Structure of Manganite Superlattice. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 073601.	1.5	5
177	Optical imaging of coexisting collinear and spiral spin phases in the magnetoelectric multiferroic MnWO_4 . <i>Physical Review B</i> , 2010 , 81,	3-3	9
176	Electronic structure and anomalous band-edge absorption feature in multiferroic MnWO_4 : An optical spectroscopic study. <i>Physical Review B</i> , 2010 , 81,	3-3	20
175	Effect of randomness on ferroelastic transitions: Disorder-induced hysteresis loop rounding in Ti-Nb-O martensitic alloy. <i>Physical Review B</i> , 2010 , 82,	3-3	41
174	Electric-field-induced domain switching in the charge/orbital-ordered state of manganite $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$. <i>Physical Review B</i> , 2010 , 81,	3-3	7
173	Competing electronic orders in anisotropically strained $(\text{Pr}_{0.6}\text{Ca}_{0.4})_{1-x}(\text{La}_{0.6}\text{Sr}_{0.4})_x\text{MnO}_3$ thin films. <i>Physical Review B</i> , 2010 , 82,	3-3	3
172	Direct observation of orbital ordering in the spinel oxide FeCr_2O_4 through electrostatic potential using convergent-beam electron diffraction. <i>Physical Review B</i> , 2010 , 81,	3-3	34

171	Perovskite manganites hosting versatile multiferroic phases with symmetric and antisymmetric exchange strinctions. <i>Physical Review B</i> , 2010 , 81,	3.3	147
170	Multiferroic M-type hexaferrites with a room-temperature conical state and magnetically controllable spin helicity. <i>Physical Review Letters</i> , 2010 , 105, 257201	7.4	242
169	Orbital dilution effect in ferrimagnetic Fe(1-x)Mn(x)Cr(2)O(4): competition between anharmonic lattice potential and spin-orbit coupling. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 176003	1.8	30
168	Observation of Spin Helicity Using Nonresonant Circularly Polarized X-ray Diffraction Analysis. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 043711	1.5	8
167	Magnetically tunable metal-insulator superlattices. <i>Advanced Materials</i> , 2010 , 22, 500-4	24	18
166	Temperature-dependent Raman scattering study of multiferroic MnWO ₄ . <i>Journal of Raman Spectroscopy</i> , 2010 , 41, 1005-1010	2.3	56
165	Electric-dipole-active magnetic resonance in the conical-spin magnet Ba ₂ Mg ₂ Fe ₁₂ O ₂₂ . <i>Physical Review B</i> , 2009 , 80,	3.3	50
164	Resonant x-ray magnetoelectric effect in a centrosymmetric spinel oxide. <i>Physical Review B</i> , 2009 , 79,	3.3	5
163	Size of orbital-ordering domain controlled by the itinerancy of the 3d electrons in a manganite thin film. <i>Physical Review B</i> , 2009 , 79,	3.3	8
162	Far-infrared optical study of electromagnons and their coupling to optical phonons in Eu _{1-x} Y _x MnO ₃ (x=0.1, 0.2, 0.3, 0.4, and 0.45). <i>Physical Review B</i> , 2009 , 79,	3.3	28
161	Epitaxial-strain effect on charge/orbital order in Pr _{0.5} Ca _{0.5} MnO ₃ films. <i>Applied Physics Letters</i> , 2009 , 95, 152502	3.4	36
160	Imaging of variation in charge/orbital/spin ordering structure in Sm _{1-x} Sr _x MnO ₃ (x=0.55 and 0.6). <i>Applied Physics Letters</i> , 2009 , 94, 082509	3.4	6
159	Magnetic-field-induced polarization flop in multiferroic TmMn ₂ O ₅ . <i>Physical Review Letters</i> , 2009 , 103, 077204	7.4	45
158	Lattice-form-dependent orbital shape and charge disproportionation in charge- and orbital-ordered manganites. <i>Physical Review B</i> , 2009 , 80,	3.3	25
157	Two distinct ferroelectric phases in the multiferroic Y-type hexaferrite Ba ₂ Mg ₂ Fe ₁₂ O ₂₂ . <i>Physical Review B</i> , 2009 , 80,	3.3	48
156	Magnetoelectric memory effect of the nonpolar phase with collinear spin structure in multiferroic MnWO ₄ . <i>Physical Review Letters</i> , 2009 , 102, 147201	7.4	68
155	Composite domain walls in a multiferroic perovskite ferrite. <i>Nature Materials</i> , 2009 , 8, 558-62	27	404
154	Periodic rotation of magnetization in a non-centrosymmetric soft magnet induced by an electric field. <i>Nature Materials</i> , 2009 , 8, 634-8	27	52

153	Comment on Calculated chiral and magneto-electric dichroic signals for copper metaborate (CuB(2)O(4)) in an applied magnetic field. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 498001	1.8	7
152	Insulator-metal phase transition of Pr(0.6)Ca(0.4)MnO(3) studied by x-ray absorption spectroscopy in pulsed magnetic fields. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 016006	1.8	5
151	Control of the polarization flop direction by a tilted magnetic field in multiferroic TbMnO3. <i>Physical Review B</i> , 2009 , 80,	3.3	31
150	Crystallographic Chirality of CsCuCl3 Probed by Resonant Circularly-Polarized Hard X-ray Diffraction. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 123601	1.5	25
149	Unconventional ferroelectric transition in the multiferroic compound TbMnO3 revealed by the absence of an anomaly in c-polarized phonon dispersion. <i>Physical Review Letters</i> , 2009 , 102, 247602	7.4	15
148	Phase-sensitive observation of a spin-orbital Mott state in Sr2IrO4. <i>Science</i> , 2009 , 323, 1329-32	33.3	855
147	Magnetic control of crystal chirality and the existence of a large magneto-optical dichroism effect in CuB2O4. <i>Physical Review Letters</i> , 2008 , 101, 117402	7.4	77
146	Control of the magnetoelectric domain-wall stability by a magnetic field in a multiferroic MnWO4. <i>Physical Review Letters</i> , 2008 , 101, 207205	7.4	32
145	Evidence for an electric-dipole active continuum band of spin excitations in multiferroic TbMnO3. <i>Physical Review Letters</i> , 2008 , 101, 187201	7.4	73
144	Direct observation of the spin structures of vortex domain walls in ferromagnetic nanowires. <i>Physical Review B</i> , 2008 , 78,	3.3	16
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