

Hironori Nakao

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

3,948
citations

31
h-index

55
g-index

218
ext. papers

4,719
ext. citations

3.5
avg, IF

4.85
L-index

#	Paper	IF	Citations
206	Topological charge of soft X-ray vortex beam determined by inline holography.. <i>Scientific Reports</i> , 2022 , 12, 1044	4.9	0
205	Conceptual design of the Hybrid Ring with superconducting linac.. <i>Journal of Synchrotron Radiation</i> , 2022 , 29, 118-124	2.4	2
204	Zoology of Multiple-Q Spin Textures in a Centrosymmetric Tetragonal Magnet with Itinerant Electrons.. <i>Advanced Science</i> , 2022 , e2105452	13.6	4
203	Photoinduced transient states of antiferromagnetic orderings in La _{1/3} Sr _{2/3} FeO ₃ and SrFeO ₃ thin films observed through time-resolved resonant soft x-ray scattering. <i>New Journal of Physics</i> , 2022 , 24, 043012	2.9	
202	X-ray study of ferroic octupole order producing anomalous Hall effect. <i>Nature Communications</i> , 2021 , 12, 5582	17.4	1
201	Nanometric square skyrmion lattice in a centrosymmetric tetragonal magnet. <i>Nature Nanotechnology</i> , 2020 , 15, 444-449	28.7	76
200	Field-induced spin reorientation in the antiferromagnetic Dirac material EuMnBi ₂ revealed by neutron and resonant x-ray diffraction. <i>Physical Review B</i> , 2020 , 101,	3.3	3
199	Current-induced Giant Lattice Deformation in the Mott Insulator Ca ₂ RuO ₄ . <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 044710	1.5	4
198	High-field depinned phase and planar Hall effect in the skyrmion host Gd ₂ PdSi ₃ . <i>Physical Review B</i> , 2020 , 101,	3.3	19
197	Isotropic parallel antiferromagnetism in the magnetic field induced charge-ordered state of SmRu ₄ P ₁₂ caused by p _z hybridization. <i>Physical Review B</i> , 2020 , 102,	3.3	1
196	Direct Observation of Modulation of p _z Hybridization in Unconventional Ordered Phase of PrRu ₄ P ₁₂ . <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 063703	1.5	1
195	Soft-X-Ray Vortex Beam Detected by Inline Holography. <i>Physical Review Applied</i> , 2020 , 14,	4.3	2
194	Metastable solitonic states in the strained itinerant helimagnet FeGe. <i>Physical Review B</i> , 2020 , 102,	3.3	1
193	Topological metastability supported by thermal fluctuation upon formation of chiral soliton lattice in [Formula: see text]. <i>Scientific Reports</i> , 2020 , 10, 18596	4.9	2
192	Particle-size dependent structural transformation of skyrmion lattice. <i>Nature Communications</i> , 2020 , 11, 5685	17.4	3
191	Metamagnetic transitions and magnetoelectric responses in the chiral polar helimagnet Ni ₂ InSbO ₆ . <i>Physical Review B</i> , 2020 , 102,	3.3	1
190	Topological Nernst Effect of the Two-Dimensional Skyrmion Lattice. <i>Physical Review Letters</i> , 2020 , 125, 076602	7.4	20

189	Augmented Magnetic Octupole in Kagom $\bar{1}$ 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
188	A Semimetallic State in La ₃ Ir ₃ O ₁₁ with the KSbO ₃ Structure. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 093706	1.5	3
187	Element-specific soft x-ray spectroscopy, scattering, and imaging studies of the skyrmion-hosting compound Co ₈ Zn ₈ Mn ₄ . <i>Physical Review B</i> , 2019 , 99,	3.3	16
186	Attempt to generate x-ray beam carrying orbital angular momentum in photon factory 2019 ,		1
185	Skyrmion lattice with a giant topological Hall effect in a frustrated triangular-lattice magnet. <i>Science</i> , 2019 , 365, 914-918	33.3	194
184	Lattice Modulation and Structural Phase Transition in the Antiferromagnet EuAl ₄ . <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 014602	1.5	10
183	Skyrmion phase and competing magnetic orders on a breathing kagom $\bar{1}$ lattice. <i>Nature Communications</i> , 2019 , 10, 5831	17.4	92
182	Magnetic Field Induced Triple-q Magnetic Order in Trillium Lattice Antiferromagnet EuPtSi Studied by Resonant X-ray Scattering. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 093704	1.5	24
181	Thickness dependence and dimensionality effects on charge and magnetic orderings in La _{1/3} Sr _{2/3} FeO ₃ thin films. <i>Physical Review B</i> , 2018 , 97,	3.3	5
180	Devil's staircase of odd-number charge order modulations in divalent Vanadium bronzes under pressure. <i>Physical Review B</i> , 2018 , 97,	3.3	2
179	Chiral-crystal-structure transformations and magnetic states of R ₃ Rh ₄ Sn ₁₃ (R=La and Ce). <i>Physical Review B</i> , 2018 , 97,	3.3	5
178	Coherent Resonant Soft X-ray Scattering Study of Magnetic Textures in FeGe. <i>Quantum Beam Science</i> , 2018 , 2, 3	1.6	14
177	Resonant x-ray scattering study on electronic hybridization in unconventional ordered phase of PrRu ₄ P ₁₂ . <i>Journal of Physics: Conference Series</i> , 2018 , 969, 012118	0.3	2
176	Magnetic ordering in multiferroic SmMn ₂ O ₅ and GdMn ₂ O ₅ studied by resonant soft x-ray scattering. <i>Physical Review B</i> , 2018 , 98,	3.3	2
175	Charge disproportionation of Mn 3d and O 2p electronic states depending on strength of p \bar{d} hybridization in (LaMnO ₃) ₂ (SrMnO ₃) ₂ superlattices. <i>Physical Review B</i> , 2018 , 98,	3.3	3
174	Structure of calcite $\bar{1}$ aqueous NaCl solution interfaces from ambient to elevated temperatures. <i>Journal of Mineralogical and Petrological Sciences</i> , 2018 , 113, 232-244	0.9	0
173	Commensurate versus incommensurate charge ordering near the superconducting dome in Ir _{1-x} PtxTe ₂ revealed by resonant x-ray scattering. <i>Physical Review B</i> , 2018 , 97,	3.3	4
172	Interplay between charge density wave and antiferromagnetic order in GdNiC ₂ . <i>Physical Review B</i> , 2017 , 95,	3.3	10

171	Absence of Magnetic Long Range Order in Ba ₃ ZnRu ₂ O ₉ : A Spin-Liquid Candidate in the S = 3/2 Dimer Lattice. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 033702	1.5	10
170	Resonant X-ray Scattering in 3d Electron Systems. <i>Springer Tracts in Modern Physics</i> , 2017 , 47-84	0.1	
169	Spin State of Co ³⁺ in LaCo _{1-x} Rh _x O ₃ Studied Using X-ray Absorption Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 094701	1.5	3
168	Small crystal distortion and long-range antiferro-orbital ordering in the spinel oxide CoV ₂ O ₄ . <i>Physical Review B</i> , 2017 , 96,	3.3	7
167	Three superconducting phases with different categories of pairing in hole- and electron-doped LaFeAs _{1-x} P _x O. <i>Physical Review B</i> , 2017 , 95,	3.3	9
166	Emergence and magnetic-field variation of chiral-soliton lattice and skyrmion lattice in the strained helimagnet Cu ₂ OSeO ₃ . <i>Physical Review B</i> , 2017 , 96,	3.3	16
165	Directional electric-field induced transformation from skyrmion lattice to distinct helices in multiferroic Cu ₂ OSeO ₃ . <i>Physical Review B</i> , 2017 , 95,	3.3	8
164	Chiral crystal-structure transformation of R ₃ Co ₄ Sn ₁₃ (R=La and Ce). <i>Physical Review B</i> , 2016 , 94,	3.3	19
163	Orthorhombic distortion and orbital order in the vanadium spinel FeV ₂ O ₄ . <i>Physical Review B</i> , 2016 , 93,	3.3	8
162	Observation of magnetic order in multiferroic SmMn ₂ O ₅ studied by resonant x-ray magnetic scattering. <i>Physical Review B</i> , 2016 , 93,	3.3	10
161	Observation of all-in type tetrahedral displacements in nonmagnetic pyrochlore niobates. <i>Physical Review B</i> , 2016 , 93,	3.3	5
160	Multiple charge density wave transitions in the antiferromagnets RNiC ₂ (R=Gd,Tb). <i>Physical Review B</i> , 2016 , 93,	3.3	27
159	Uniaxial pressure effects on spin-lattice coupled phase transitions in a geometrical frustrated magnet CuFeO ₂ . <i>Physical Review B</i> , 2016 , 94,	3.3	7
158	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
157	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
156	Novel Charge Ordering in the Trimer Iridium Oxide BaIrO ₃ . <i>Crystals</i> , 2016 , 6, 27	2.3	5
155	Thickness-dependent physical properties of La _{1/3} Sr _{2/3} FeO ₃ thin films grown on SrTiO ₃ (001) and (111) substrates. <i>Journal of Applied Physics</i> , 2016 , 120, 025303	2.5	5
154	Domain structure and electronic state in P3HT:PCBM blend thin films by soft X-ray resonant scattering. <i>Journal of Applied Physics</i> , 2016 , 120, 165501	2.5	0

153	Microscopic Examinations of Co Valences and Spin States in Electron-Doped LaCoO ₃ . <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 094702	1.5	5
152	Effects of c/a Anisotropy and Local Crystal Structure on Superconductivity in AFe ₂ (As _{1-x} Px) ₂ (A = Ba _{1-y} Sr _y , Sr _{1-y} Ca _y and Eu). <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 063705	1.5	4
151	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
150	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
149	Structural anomalies and short-range magnetic correlations in the orbitally degenerate system Sr ₂ VO ₄ . <i>Physical Review B</i> , 2015 , 92,	3.3	5
148	Strain-sensitive spin-state ordering in thin films of perovskite LaCoO ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	19
147	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
146	Magnetic and electronic states in (LaMnO ₃) ₂ (SrMnO ₃) ₂ superlattice exhibiting a large negative magnetoresistance. <i>Physical Review B</i> , 2015 , 92,	3.3	11
145	Two kinds of in-plane resistivity anisotropy in Fe _{1+x} Te _{0.09} as seen via synchrotron radiation x-ray diffraction and in situ resistivity measurements. <i>Physical Review B</i> , 2015 , 91,	3.3	4
144	Protonation of pyridyl-substituted TTF derivatives: substituent effects in solution and in the proton-electron correlated charge-transfer complexes. <i>Chemistry - A European Journal</i> , 2014 , 20, 1909-17	4.8	16
143	Neutron magnetic scattering study in manganite thin film system. <i>Solid State Communications</i> , 2014 , 185, 18-20	1.6	4
142	Solid-solid phase interconversion in an organic conductor crystal: hydrogen-bond-mediated dynamic changes in stacked molecular arrangement and physical properties. <i>Chemical Communications</i> , 2014 , 50, 15557-60	5.8	19
141	X-ray-induced phase transitions by selective excitation of heterometal ions in a cyanide-bridged Fe-Co molecular square. <i>Chemical Communications</i> , 2014 , 50, 4050-2	5.8	27
140	Investigation of the light-induced electron-transfer-coupled spin transition in a cyanide-bridged [Co ₂ Fe ₂] complex by X-ray diffraction and absorption measurements. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 540-543	6.8	19
139	Evolution of magnetic and structural transitions and enhancement of magnetocaloric effect in Fe _{1-x} MnxV ₂ O ₄ . <i>Physical Review B</i> , 2014 , 89,	3.3	23
138	Possible Existence of Two Charge-Ordered Phases in Pr _{1-x} CaxMnO ₃ for 0.40 ≤ x ≤ 0.50. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 064709	1.5	3
137	Hydrogen-bond-dynamics-based switching of conductivity and magnetism: a phase transition caused by deuterium and electron transfer in a hydrogen-bonded purely organic conductor crystal. <i>Journal of the American Chemical Society</i> , 2014 , 136, 12184-92	16.4	96
136	Antiferromagnetic Order of the Co ²⁺ High-Spin State with a Large Orbital Angular Momentum in La _{1.5} Ca _{0.5} CoO ₄ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 044705	1.5	7

135	Structural Modulation of the Cage Lattice System DyB6 2014 ,		3
134	Development of an in-vacuum diffractometer for resonant soft X-ray scattering. <i>Journal of Physics: Conference Series</i> , 2014 , 502, 012015	0.3	8
133	Construction of a soft X-ray diffractometer with a 7.5-T superconducting magnet. <i>Journal of Physics: Conference Series</i> , 2014 , 502, 012016	0.3	1
132	Molecular electronic states in charge transfer complex studied by x-ray absorption spectroscopy. <i>Journal of Physics: Conference Series</i> , 2014 , 502, 012036	0.3	0
131	Unconventional magnetism in the layered oxide LaSrRhO4. <i>Physical Review B</i> , 2014 , 90,	3.3	7
130	Magnetic and electronic properties of (LaMnO3)5(SrMnO3)5superlattice revealed by resonant soft X-ray scattering. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 05FH07	1.4	2
129	Spin-orbital superstructure in strained ferrimagnetic perovskite cobalt oxide. <i>Physical Review Letters</i> , 2013 , 111, 027206	7.4	49
128	Multiple helimagnetic phases and topological Hall effect in epitaxial thin films of pristine and Co-doped SrFeO3. <i>Physical Review B</i> , 2013 , 88,	3.3	42
127	Dopant-dependence on charge-orbital order in impurity doped layered manganites. <i>Journal of the Korean Physical Society</i> , 2013 , 63, 729-732	0.6	
126	Hydrogen bond-promoted metallic state in a purely organic single-component conductor under pressure. <i>Nature Communications</i> , 2013 , 4, 1344	17.4	118
125	Resonant X-ray Scattering Experiments on the Ordering of Electronic Degrees of Freedom. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 021007	1.5	19
124	Uniaxial-Pressure Effects on Spin-Driven Lattice Distortions in Geometrically Frustrated Magnets CuFe1-xGaxO2 (x=0, 0.035). <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 114711	1.5	3
123	Spin-state responses to light impurity substitution in low-spin perovskite LaCoO3. <i>Physical Review B</i> , 2013 , 87,	3.3	6
122	Resonant soft X-ray scattering study of the magnetic structures in La1.5Ca0.5CoO4 using a high vacuum diffractometer with a 4-blade-slit detector system. <i>Journal of Physics: Conference Series</i> , 2013 , 425, 202003	0.3	7
121	Change of electronic state and crystal structure by postannealing in superconducting SrFe2(As0.65P0.35)2. <i>Physical Review B</i> , 2013 , 87,	3.3	12
120	Extraordinarily large perpendicular magnetic anisotropy in epitaxially strained cobalt-ferrite CoxFe3-xO4(001) (x = 0.75, 1.0) thin films. <i>Applied Physics Letters</i> , 2013 , 103, 162407	3.4	74
119	X-ray photoinduced persistent and bidirectional phase transition enabled by impurity doping in layered manganite. <i>Physical Review B</i> , 2013 , 87,	3.3	2
118	Spin State of Co3+ in LaCo1-xRhxC O3 Investigated by Structural Phenomena. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 114606	1.5	6

117	Diffractometer for small angle resonant soft x-ray scattering under magnetic field. <i>Journal of Physics: Conference Series</i> , 2013 , 425, 132012	0.3	6
116	Emergent phenomena in perovskite-type manganites. <i>Physica B: Condensed Matter</i> , 2012 , 407, 1685-1688	8.8	4
115	Observation of Structural Change in the Novel Ferromagnetic Metal-Insulator Transition of $K_2Cr_8O_{16}$. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 054710	1.5	18
114	Orbital states of V trimers in $BaV_{10}O_{15}$ detected by resonant x-ray scattering. <i>Physical Review B</i> , 2012 , 86,	3.3	18
113	REXS contribution to electronic ordering investigation in solids. <i>European Physical Journal: Special Topics</i> , 2012 , 208, 89-98	2.3	16
112	Origin of the large polarization in multiferroic $YMnO_3$ thin films revealed by soft- and hard-X-ray diffraction. <i>Physical Review Letters</i> , 2012 , 108, 047203	7.4	62
111	Charge-order driven proton arrangement in a hydrogen-bonded charge-transfer complex based on a pyridyl-substituted TTF derivative. <i>Chemical Communications</i> , 2012 , 48, 8673-5	5.8	37
110	Magnetic Phase Diagrams of YVO_3 and $TbVO_3$ under High Pressure. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 024715	1.5	5
109	Cr- and Mo-Doping Effects on Structural and Orbital Order Phase Transition in Spinel-Type MnV_2O_4 . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, SB030	1.5	3
108	High-temperature thermoelectric properties of the double-perovskite ruthenium oxide $(Sr_{1-x}La_x)_2ErRuO_6$. <i>Journal of Applied Physics</i> , 2012 , 112, 073714	2.5	14
107	Pseudogap-related charge dynamics in the layered nickelate $R_2Sr_xNiO_4$ ($x \sim 1$). <i>Physical Review B</i> , 2012 , 86,	3.3	10
106	Magnetism and Pressure-Induced Superconductivity of Checkerboard-Type Charge-Ordered Molecular Conductor $[(\text{meso-DMBEDT-TTF})_2X]$ ($X = PF_6$ and AsF_6). <i>Crystals</i> , 2012 , 2, 1502-1513	2.3	12
105	Impurity effect on orbital ordering and magnetic property in $La_{0.5}Sr_{1.5}MnO_4$. <i>Journal of Physics: Conference Series</i> , 2012 , 400, 042071	0.3	
104	Garnet superlattice as a transparent above-room-temperature polar magnet. <i>Physical Review B</i> , 2011 , 83,	3.3	6
103	Structure of Hydrated Sodium Ions and Water Molecules Adsorbed on the Mica/Water Interface. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 15959-15964	3.8	36
102	Displacement-type ferroelectricity with off-center magnetic ions in perovskite $Sr_{1-x}Ba_xMnO_3$. <i>Physical Review Letters</i> , 2011 , 107, 137601	7.4	118
101	Controlled intramolecular electron transfers in cyanide-bridged molecular squares by chemical modifications and external stimuli. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3592-600	16.4	177
100	Magnetic Field and Temperature Dependence of X-ray Superlattice Intensity in Multipole Ordered Phase of $Pr(Ru_{1-x}Rh_x)_4P_{12}$ ($x = 0, 0.03$). <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SA026	1.5	0

99	X-ray photon correlation spectroscopy of structural fluctuations in relaxor ferroelectrics PZN-9%PT. <i>Journal of Physics: Conference Series</i> , 2011 , 320, 012086	0.3	
98	Peierls mechanism of the metal-insulator transition in ferromagnetic hollandite K ₂ Cr ₈ O ₁₆ . <i>Physical Review Letters</i> , 2011 , 107, 266402	7.4	4 ⁰
97	Contribution of intermediate submicrometer structures to physical properties near T _c in Pb(Zn _{1/3} Nb _{2/3})O ₃ -9%PbTiO ₃ . <i>Physical Review B</i> , 2011 , 83,	3.3	7
96	Resonant soft X-ray magnetic scattering study of magnetic structures in La _{1.5} Ca _{0.5} CoO ₄ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2011 , 184, 224-226	1.7	2
95	Orbital Ordering of Intermediate-Spin State of Co ³⁺ in Sr ₃ YCo ₄ O _{10.5} . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 023711	1.5	3 ²
94	Motion of the guest ion as precursor to the first-order phase transition in the cage system GdB ₆ . <i>Physical Review B</i> , 2011 , 84,	3.3	23
93	Effects of cation-size variance on spin and orbital orders in Eu _{1-x} (La _{0.254} Y _{0.746}) _x VO ₃ . <i>Physical Review B</i> , 2011 , 84,	3.3	11
92	Uniaxial colossal magnetoresistance in the Ising magnet SrCo ₂ O ₁₉ . <i>Physical Review B</i> , 2011 , 83,	3.3	9
91	Multiferroicity in NiBr ₂ with long-wavelength cycloidal spin structure on a triangular lattice. <i>Physical Review B</i> , 2011 , 84,	3.3	25
90	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
89	Anisotropic thermoelectric properties associated with dimensional crossover in quasi-one-dimensional SrNbO _{3.4+d} (d~0.03). <i>Physical Review B</i> , 2011 , 84,	3.3	16
88	Anisotropic local structure of decagonal quasicrystals by DAFS. <i>Philosophical Magazine</i> , 2011 , 91, 2491-2499	1.9	1
87	Application of Upgraded X-ray Magnetic Diffraction Experimental System to 3d- and 4f-Electron Ferromagnets. <i>E-Journal of Surface Science and Nanotechnology</i> , 2011 , 9, 134-137	0.7	
86	Spin Density Distribution of YTiO ₃ Observed by X-Ray Magnetic Diffraction. <i>Key Engineering Materials</i> , 2010 , 459, 7-10	0.4	
85	X-ray Intensity Fluctuation Spectroscopy Using Nanofocused Hard X-rays: Its Application to Study of Relaxor Ferroelectrics. <i>Japanese Journal of Applied Physics</i> , 2010 , 49, 020216	1.4	4
84	Electron doping in the cubic perovskite SrMnO ₃ : Isotropic metal versus chainlike ordering of Jahn-Teller polarons. <i>Physical Review B</i> , 2010 , 82,	3.3	37
83	Resonant X-ray scattering study of perovskite-type vanadate RVO ₃ . <i>Diamond Light Source Proceedings</i> , 2010 , 1,		2
82	Structural modulation and multipolar ordering in the metal-nonmetal compounds Pr(Ru _{1-x} Rh _x) ₄ P ₁₂ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012102	0.3	1

81	X-ray photon correlation spectroscopy study in valence fluctuation compound Eu3S4 2010 ,		2
80	Orbital ordered states in RVO ₃ (R= Y, Tb) studied by a resonant x-ray scattering. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 042010	0.3	6
79	Crystal Structure and Valence Distribution of [(LaMnO ₃) _m (SrMnO ₃) _m] _n Artificial Superlattices. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 024602	1.5	18
78	Orbital Ordering Structures in (Nd, Pr) _{0.5} Sr _{0.5} MnO ₃ Manganite Thin Films on Perovskite (011) Substrates. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 014712	1.5	30
77	Simultaneous Occurrence of an Antiferroquadrupolar and a Ferromagnetic Transitions in Rare-Earth Palladium Bronze CePd ₃ S ₄ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 114706	1.5	12
76	Competition of Magnetic and Quadrupolar Order Parameters in HoB ₄ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 044709	1.5	18
75	Orbital ordering in RVO ₃ (R=Y, Tb) controlled by hydrostatic pressure. <i>Physical Review B</i> , 2008 , 78,	3.3	16
74	Magnetic Compton Profile Study of Orbital Ordering State of 3d Electrons in YTiO ₃ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 023705	1.5	9
73	Crystal Structure and Charge-Ordering in La _{1.5} Ca _{0.5} CoO ₄ Studied by Neutron and Resonant X-ray Scattering. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 044601	1.5	18
72	Structural Phase Transition in the Spin Gap System YbAl ₃ Co ₃ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 103601	1.5	12
71	Mechanism of resonant X-ray scattering to observe the orbital ordering. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 723-729	2.8	5
70	Metal-insulator transition in Y _{1-x} Ca _x TiO ₃ studied by X-ray scattering. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 895-897	2.8	1
69	Pressure effects on the orbital ordered state of. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 785-786	2.8	3
68	Magnetic properties of LaMnO ₃ nanocrystals in MCM-41 mesoporous silica. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2480-2482	2.8	2
67	Valence state in (and Eu) studied by resonant and non-resonant X-ray scattering. <i>Journal of Physics and Chemistry of Solids</i> , 2007 , 68, 2064-2067	3.9	1
66	Resonant X-ray magnetic diffraction experiments on. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 748-750	2.8	10
65	Orbital ordering and the dilute effect in copper fluoride. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 787-789	2.8	7
64	Structural relations between two ground states of NaV ₂ O ₅ under high pressure: A synchrotron x-ray diffraction study. <i>Physical Review B</i> , 2007 , 76,	3.3	11

63	Coherent X-ray Diffraction for Domain Observation. <i>Transactions of the Materials Research Society of Japan</i> , 2007 , 32, 7-10	0.2	7
62	DISCOVERY OF THE "DEVIL'S FLOWER" IN A CHARGE-ORDERING SYSTEM BY SYNCHROTRON X-RAY DIFFRACTION STUDY OF NaV ₂ O ₅ . <i>Modern Physics Letters B</i> , 2006 , 20, 199-214	1.6	8
61	Novel orbital ordering induced by anisotropic stress in a manganite thin film. <i>Physical Review Letters</i> , 2006 , 96, 017202	7.4	60
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