

Hironori Nakao

List of Publications by Year in descending order

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papers

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docs citations

218
times ranked

4735
citing authors

#	ARTICLE	IF	CITATIONS
1	Skyrmion lattice with a giant topological Hall effect in a frustrated triangular-lattice magnet. <i>Science</i> , 2019, 365, 914-918.	6.0	418
2	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, 3592-3600.	6.6	215
3	Skyrmion phase and competing magnetic orders on a breathing kagom� lattice. <i>Nature Communications</i> , 2019, 10, 5831.	5.8	214
4	Nanometric square skyrmion lattice in a centrosymmetric tetragonal magnet. <i>Nature Nanotechnology</i> , 2020, 15, 444-449.	15.6	192
5	New Inorganic Spin-Peierls Compound NaV2O5 Evidenced by X-Ray and Neutron Scattering. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 326-329.	0.7	188
6	Quantum Hall effect in a bulk antiferromagnet EuMnBi_2 with magnetically confined two-dimensional Dirac fermions. <i>Science Advances</i> , 2016, 2, e1501117.	4.7	171
7	Direct Observation of Antiferroquadrupolar Ordering: Resonant X-Ray Scattering Study of DyB_2C_2 . <i>Physical Review Letters</i> , 2000, 84, 2706-2709.	2.9	156
8	Displacement-Type Ferroelectricity with Off-Center Magnetic Ions in Perovskite $\text{Sr}^{1-x}\text{Ca}_x\text{TiO}_3$. <i>Physical Review Letters</i> , 2011, 107, 137601.	2.9	142
9	Hydrogen bond-promoted metallic state in a purely organic single-component conductor under pressure. <i>Nature Communications</i> , 2013, 4, 1344.	5.8	139
10	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, 12184-12192.	6.6	119
11	Antiferro-Quadrupole Ordering of CeB_6 Studied by Resonant X-Ray Scattering. <i>Journal of the Physical Society of Japan</i> , 2001, 70, 1857-1860.	0.7	109
12	Synchrotron x-ray-diffraction study of orbital ordering in YVO_3 . <i>Physical Review B</i> , 2000, 62, R9271-R9274.	1.1	105
13	Extraordinarily large perpendicular magnetic anisotropy in epitaxially strained cobalt-ferrite $\text{Co}_x\text{Fe}_{3-x}\text{O}_4(001)$ ($x=0.75, 1.0$) thin films. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	87
14	Quantitative determination of the atomic scattering tensor in orbitally ordered YTiO_3 by using a resonant x-ray scattering technique. <i>Physical Review B</i> , 2002, 66, .	1.1	75
15	X-Ray Anomalous Scattering Study of a Charge-Ordered State in NaV_2O_5 . <i>Physical Review Letters</i> , 2000, 85, 4349-4352.	2.9	73
16	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.	2.9	69
17	Novel Orbital Ordering Induced by Anisotropic Stress in a Manganite Thin Film. <i>Physical Review Letters</i> , 2006, 96, 017202.	2.9	65
18	Orbital excitations in LaMnO_3 studied by resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2003, 67, .	1.1	60

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19	Devil's Staircase-Type Phase Transition in NaV_2O_5 under High Pressure. <i>Physical Review Letters</i> , 2001, 87, 086402.	2.9	57
20	Spin-Orbital Superstructure in Strained Ferrimagnetic Perovskite Cobalt Oxide. <i>Physical Review Letters</i> , 2013, 111, 027206.	2.9	57
21	Synchrotron radiation X-ray powder diffractometer with a cylindrical imaging plate. <i>Journal of Applied Crystallography</i> , 2000, 33, 1241-1245.	1.9	55
22	Topological Nernst Effect of the Two-Dimensional Skyrmion Lattice. <i>Physical Review Letters</i> , 2020, 125, 076602.	2.9	55
23	Peierls Mechanism of the Metal-Insulator Transition in Ferromagnetic Hollandite $\text{K}_2\text{Cr}_8\text{O}_{16}$. <i>Physical Review Letters</i> , 2011, 107, 066402.	2.9	55
24	Multiple helimagnetic phases and topological Hall effect in epitaxial thin films of pristine and Co-doped SrFeO_3 . <i>Physical Review B</i> , 2013, 88, .	1.1	52
25	Electron doping in the cubic perovskite SrMnO_3 : Isotropic metal versus chainlike ordering of Jahn-Teller polarons. <i>Physical Review B</i> , 2010, 82, .	1.1	52
26	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.	0.7	43
27	High-field depinned phase and planar Hall effect in the skyrmion host Gd_2Pt . <i>Physical Review B</i> , 2020, 101, .	1.1	40
28	Zoology of Multiple- Q Spin Textures in a Centrosymmetric Tetragonal Magnet with Itinerant Electrons. <i>Advanced Science</i> , 2022, 9, e2105452.	5.6	42
29	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.	1.5	41
30	Structural aspects of C_{82} and C_{76} crystals studied by x-ray diffraction. <i>Physical Review B</i> , 1995, 51, 8723-8730.	1.1	40
31	Low-Temperature Structure of the Quarter-Filled Ladder Compound NaV_2O_5 . <i>Journal of the Physical Society of Japan</i> , 2002, 71, 385-388.	0.7	40
32	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.	2.2	40
33	Orbital Ordering of Intermediate-Spin State of Co^{3+} in $\text{Sr}_3\text{YCo}_4\text{O}_{10.5}$. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 023711.	0.7	39
34	Quadrupolar Frustration in Shastry-Sutherland Lattice of DyB_4 Studied by Resonant X-ray Scattering. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 2434-2437.	0.7	38
35	Multiferroicity in NiBr_2 with long-wavelength cycloidal spin structure on a triangular lattice. <i>Physical Review B</i> , 2011, 84, .	1.1	38
36	Observation of the antiferroquadrupolar order in DyB_2C_2 by resonant x-ray scattering. <i>Physical Review B</i> , 2002, 65, .	1.1	36

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37	Multiple charge density wave transitions in the antiferromagnets $\text{Ni}_2\text{V}_2\text{O}_{11}$ and $\text{Ni}_2\text{V}_2\text{O}_{11}$. Physical Review B, 2016, 93, .	1.1	35
38	Dynamical process of skyrmion-helical magnetic transformation of the chiral-lattice magnet FeGe probed by small-angle resonant soft x-ray scattering. Physical Review B, 2015, 92, .	1.1	33
39	X-ray-induced phase transitions by selective excitation of heterometal ions in a cyanide-bridged Fe ^{II} -Co molecular square. Chemical Communications, 2014, 50, 4050-4052.	2.2	31
40	Orbital Ordering Structures in (Nd,Pr) _{0.5} Sr _{0.5} MnO ₃ Manganite Thin Films on Perovskite (011) Substrates. Journal of the Physical Society of Japan, 2008, 77, 014712.	0.7	30
41	Element-specific soft x-ray spectroscopy, scattering, and imaging studies of the skyrmion-hosting compound $\text{Co}_2\text{V}_2\text{O}_7$. Physical Review B, 2019, 99, .	1.1	29
42	Motion of the guest ion as precursor to the first-order phase transition in the cage system GdB ₆ . Physical Review B, 2011, 84, . <i>Evolution of magnetic and structural transitions and enhancement of magnetocaloric effect</i>	1.1	28
43	Chiral crystal-structure transformation of $\text{Fe}_2\text{V}_2\text{O}_7$. Physical Review B, 2016, 94, .	1.1	28
44	Chiral crystal-structure transformation of $\text{R}_2\text{V}_2\text{O}_7$. Physical Review B, 2016, 94, .	1.1	28
45	Magnetic Structure of $\text{Fe}^{2+}\text{-MnO}_2$: X-ray Magnetic Scattering Study. Journal of the Physical Society of Japan, 2001, 70, 37-40.	0.7	26
46	Resonant x-ray-scattering study of octahedral tilt ordering in LaMnO_3 and $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review B, 2001, 64, .	1.1	26
47	Charge-Order Pattern of the Low-Temperature Phase from a Monoclinic Single Domain of NaV_2O_5 Uniquely Determined by Resonant X-Ray Scattering. Physical Review Letters, 2005, 94, 106401.	2.9	26
48	Investigation of the light-induced electron-transfer-coupled spin transition in a cyanide-bridged $[\text{Co}^{2+}_2\text{Fe}^{2+}_2]$ complex by X-ray diffraction and absorption measurements. Inorganic Chemistry Frontiers, 2014, 1, 540-543.	3.0	26
49	Strain-sensitive spin-state ordering in thin films of perovskite LaCoO_3 . Physical Review B, 2015, 92, .	1.1	24
50	Orbital and Charge Ordering in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_4$ (0.4 ≤ x ≤ 0.5). Journal of the Physical Society of Japan, 2001, 70, 1194-1197.	0.7	24
51	Emergence and magnetic-field variation of chiral-soliton lattice and skyrmion lattice in the strained helimagnet Cu_2OSeO_3 . Physical Review B, 2017, 96, .	1.1	24
52	Structural phase transition in the ammoniated alkali C ₆₀ compound $(\text{NH}_3)_x\text{K}_3\text{C}_{60}$. Physical Review B, 1999, 59, 3956-3960.	1.1	23
53	Orbital ordering in RVO_3 (R=Y,Tb) controlled by hydrostatic pressure. Physical Review B, 2008, 78, .	1.1	23
54	Observation of Structural Change in the Novel Ferromagnetic Metal-Insulator Transition of $\text{K}_2\text{Cr}_8\text{O}_{16}$. Journal of the Physical Society of Japan, 2012, 81, 054710.	0.7	23

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55	Lattice Modulation and Structural Phase Transition in the Antiferromagnet EuAl_4 . Journal of the Physical Society of Japan, 2019, 88, 014602.	0.7	23
56	Orbital ordering near a Mott transition: Resonant x-ray scattering study of the perovskite TiO_3 and LaTiO_3 ($R = \text{Gd}, \text{Sm}, \text{Nd}, \text{and La}$). Physical Review B, 2004, 70, .	1.1	22
57	Resonant X-ray Scattering Experiments on the Ordering of Electronic Degrees of Freedom. Journal of the Physical Society of Japan, 2013, 82, 021007.	0.7	22
58	Experimental Elucidation: Microscopic Mechanism of Resonant X-Ray Scattering in Manganite Films. Journal of the Physical Society of Japan, 2003, 72, 1006-1009.	0.7	21
59	Competition of Magnetic and Quadrupolar Order Parameters in HoB_4 . Journal of the Physical Society of Japan, 2008, 77, 044709.	0.7	21
60	Orbital states of V trimers in $\text{BaV}_{10}\text{O}_{15}$ detected by resonant x-ray scattering. Physical Review B, 2012, 86, .	1.1	21
61	Solid-solid phase interconversion in an organic conductor crystal: hydrogen-bond-mediated dynamic changes in I^{\ominus} -stacked molecular arrangement and physical properties. Chemical Communications, 2014, 50, 15557-15560.	2.2	21
62	Double Condensation at V-Point on the Phase Transition of $\text{K}_3\text{D}(\text{SO}_4)_2$. Journal of the Physical Society of Japan, 1994, 63, 1803-1807.	0.7	20
63	An inelastic X-ray scattering spectrometer for materials science on BL11XU at SPring-8. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1081-1083.	0.7	20
64	Observation of ordered orbital of YTiO_3 by the X-ray magnetic diffraction experiments. Journal of Physics and Chemistry of Solids, 2004, 65, 1993-1997.	1.9	20
65	Crystal Structure and Charge-Ordering in $\text{La}_{1.5}\text{Ca}_{0.5}\text{CoO}_4$ Studied by Neutron and Resonant X-ray Scattering. Journal of the Physical Society of Japan, 2008, 77, 044601.	0.7	20
66	REXS contribution to electronic ordering investigation in solids. European Physical Journal: Special Topics, 2012, 208, 89-98.	1.2	19
67	Coherent Resonant Soft X-ray Scattering Study of Magnetic Textures in FeGe . Quantum Beam Science, 2018, 2, 3.	0.6	19
68	Atomic Short-Range Order in an $\text{Al}_{72}\text{Ni}_{20}\text{Co}_8$ Decagonal Quasicrystal by Anomalous-X-Ray Scattering. Japanese Journal of Applied Physics, 2000, 39, L1111-L1114.	0.8	18
69	Resonant X-ray Scattering in Perovskite Manganite Superlattice –“Observation of Orbital Superlattice”. Journal of the Physical Society of Japan, 2003, 72, 785-788.	0.7	18
70	Crystal Structure and Valence Distribution of $[(\text{LaMnO}_3)_m(\text{SrMnO}_3)_n]_n$ Artificial Superlattices. Journal of the Physical Society of Japan, 2009, 78, 024602.	0.7	18
71	X-ray induced insulator-metal transition in a thin film of electron-doped VO_2 . Physical Review B, 2011, 84, .	1.1	18
72	Protonation of Pyridyl-Substituted TTF Derivatives: Substituent Effects in Solution and in the Protonated Electron Correlated Charge Transfer Complexes. Chemistry - A European Journal, 2014, 20, 1909-1917.	1.7	18

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73	Neutron Scattering Study of Temperature-Concentration Phase Diagram of (Cu _{1-x} Mg _x)GeO ₃ . Journal of the Physical Society of Japan, 1999, 68, 3662-3667.	0.7	17
74	Pressure effects on an organic radical ferromagnet: α -2,5-difluorophenyl- π -nitronyl nitroxide. Physical Review B, 2003, 67, .	1.1	17
75	Simultaneous Occurrence of an Antiferroquadrupolar and a Ferromagnetic Transitions in Rare-Earth Palladium Bronze CePd ₃ S ₄ . Journal of the Physical Society of Japan, 2008, 77, 114706.	0.7	17
76	X-ray study of metal-insulator transitions induced by W doping and photoirradiation in VO_2 . Physical Review B, 2015, 91, .		
77	Observation of magnetic order in multiferroic SmMn_2O_5 studied by neutron scattering. Anisotropic thermoelectric properties associated with dimensional crossover in quasi-one-dimensional SrNbO_3 . Physical Review B, 2015, 91, .	1.1	17
78	High-temperature thermoelectric properties of the double-perovskite ruthenium oxide ($\text{Sr}_{1-x}\text{La}_x$) ₂ ErRuO ₆ . Journal of Applied Physics, 2012, 112, 073714.	1.1	16
79	Magnetic and electronic states in LaMnO_3 and SrMnO_3 superlattices exhibiting a large negative uniaxial crystal structure transformation. Physical Review B, 2015, 92, .	1.1	16
80	Magnetic states of $\text{R}_3\text{Ti}_2\text{O}_7$ ($\text{R} = \text{Y}, \text{Er}$) studied by neutron scattering. Journal of the Physical Society of Japan, 2005, 74, 3259-3266.	0.7	15
81	Coupling between Orbital and Lattice Degrees of Freedom in $\text{Y}_{1-x}\text{Ca}_x\text{TiO}_3$ ($0 < x \leq 0.75$): A Resonant X-ray Scattering Study. Journal of the Physical Society of Japan, 2005, 74, 3259-3266.	0.7	15
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91	Small crystal distortion and long-range antiferro-orbital ordering in the spinel oxide V_2O_4 . Physical Review B, 2017, 96, .	1.1	14
92	Directional electric-field induced transformation from skyrmion lattice to distinct helices in multiferroic Cu_2MnF_6 . Physical Review B, 2017, 95, .	1.1	14
93	Structural Phase Transitions of Endohedral Metallofullerene La@C_{82} Studied by Single Crystal X-Ray Diffraction. Molecular Crystals and Liquid Crystals, 2000, 340, 639-642.	0.3	13
94	Development of an in-vacuum diffractometer for resonant soft X-ray scattering. Journal of Physics: Conference Series, 2014, 502, 012015.	0.3	13
95	d^4f Coulomb and quadrupole-strain interactions in DyB_2C_2 observed by resonant x-ray scattering. Physical Review B, 2005, 71, .	1.1	12
96	Pseudogap-related charge dynamics in the layered nickelate R_2NiO_x . Physical Review B, 2017, 95, .	1.1	12
97	Three superconducting phases with different categories of pairing in hole- and electron-doped $\text{LaFeAs}_{1-x}\text{P}_x\text{O}$. Physical Review B, 2017, 95, .	1.1	12
98	Augmented Magnetic Octupole in Kagomé 120-degree Antiferromagnets Detectable via X-ray Magnetic Circular Dichroism. Journal of the Physical Society of Japan, 2020, 89, 083703.	0.7	12
99	Current-induced Giant Lattice Deformation in the Mott Insulator Ca_2RuO_4 . Journal of the Physical Society of Japan, 2020, 89, 044710.	0.7	12
100	Resonant X-ray Studies of the Quadrupolar Orderings in RB_2C_2 (R = Dy, Ho). Journal of the Physical Society of Japan, 2002, 71, 91-93.	0.7	12
101	Diffuse scattering from an $\text{Al}_7\text{Ni}_{20}\text{Co}_8$ decagonal quasicrystal on an order-disorder transformation. Journal of Physics Condensed Matter, 2003, 15, 1665-1676.	0.7	11
102	Orbitally Ordered State in $\text{Y}_{1-x}\text{Ca}_x\text{TiO}_3$ ($0 < x < 0.5$). Journal of the Physical Society of Japan, 2004, 73, 2620-2623.	0.7	11
103	Resonant and non-resonant X-ray scattering from. Physica B: Condensed Matter, 2005, 359-361, 965-967.	1.3	11
104	Structural relations between two ground states of NaV_2O_5 under high pressure: A synchrotron x-ray diffraction study. Physical Review B, 2007, 76, .	1.1	11
105	Lattice dimerization and strain in inorganic spin-Peierls compound NaV_2O_5 . Physica B: Condensed Matter, 1997, 241-243, 534-536.	1.3	10
106	Resonant X-ray magnetic diffraction experiments on. Journal of Magnetism and Magnetic Materials, 2007, 310, 748-750.	1.0	10
107	Uniaxial colossal magnetoresistance in the Ising magnet SrCo_2O_7 . Physical Review B, 2011, 83, .	1.1	10
108	Antiferromagnetic Order of the Co^{2+} High-Spin State with a Large Orbital Angular Momentum in $\text{La}_{1.5}\text{Ca}_{0.5}\text{CoO}_4$. Journal of the Physical Society of Japan, 2014, 83, 044705.	0.7	10

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109	Novel Charge Ordering in the Trimer Iridium Oxide BaIrO ₃ . Crystals, 2016, 6, 27.	1.0	10
110	Topological metastability supported by thermal fluctuation upon formation of chiral soliton lattice in CrNb_3S_6 . Scientific Reports, 2020, 10, 18596.	1.6	10
111	Field-induced spin reorientation in the antiferromagnetic Dirac material EuMnBi_2 revealed by neutron and resonant x-ray diffraction. Physical Review B, 2020, 101, .		
112	X-ray study of ferroic octupole order producing anomalous Hall effect. Nature Communications, 2021, 12, 5582.	5.8	10
113	Pressure-Induced Phase Transition in NaV ₂ O ₅ at Low Temperature. Journal of the Physical Society of Japan, 2000, 69, 639-642.	0.7	10
114	Structural Aspects of NaV ₂ O ₅ under High Pressure. Journal of the Physical Society of Japan, 1999, 68, 3286-3291.	0.7	9
115	Multipole Tensor Analysis of the Resonant X-ray Scattering by Quadrupolar and Magnetic Order in DyB ₂ C ₂ . Journal of the Physical Society of Japan, 2005, 74, 1500-1507.	0.7	9
116	DISCOVERY OF THE "DEVIL'S FLOWER" IN A CHARGE-ORDERING SYSTEM NaV_2O_5 SYNCHROTRON X-RAY DIFFRACTION STUDY OF NaV_2O_5 . Modern Physics Letters B, 2006, 20, 199-214.	1.0	9
117	Magnetic Compton Profile Study of Orbital Ordering State of d Electrons in YTiO_3 . Journal of the Physical Society of Japan, 2008, 77, 023705.	0.7	9
118	Spin-state responses to light impurity substitution in low-spin perovskite LaCoO_3 . Physical Review B, 2013, 87, .	1.1	9
119	Structural anomalies and short-range magnetic correlations in the orbitally degenerate system Sr_2VO_4 . Physical Review B, 2015, 92, .	1.1	9
120	Surface Ordering of Orbitals at a Higher Temperature in LaCoO_3 Thin Film. Journal of the Physical Society of Japan, 2016, 85, 023704.	0.7	9
121	Neutron and synchrotron radiation studies of the phase transition of BaTiO_3 . Ferroelectrics, 1998, 217, 1-7.	0.3	8
122	Resonant X-ray Scattering Study at Y K-edge in $\text{Y}_{1-x}\text{Ca}_x\text{TiO}_3$. Journal of the Physical Society of Japan, 2006, 75, 094706.	0.7	8
123	Quadrupolar Order and Structural Phase Transition in DyB_4 with Geometrical Frustration. Journal of the Physical Society of Japan, 2006, 75, 198-200.	0.7	8
124	Orbital ordering and the dilute effect in copper fluoride. Journal of Magnetism and Magnetic Materials, 2007, 310, 787-789.	1.0	8
125	Contribution of intermediate submicrometer structures to physical properties near T_{cin} in $\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ -9% PbTiO_3 . Physical Review B, 2011, 83, .	1.1	8
126	Magnetic Phase Diagrams of YVO_3 and TbVO_3 under High Pressure. Journal of the Physical Society of Japan, 2012, 81, 024715.	0.7	8

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127	Uniaxial pressure effects on spin-lattice coupled phase transitions in a geometrical frustrated magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CuFeO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2016, 94, .	1.1	8
128	Commensurate versus incommensurate charge ordering near the superconducting dome in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ir</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:math> revealed by resonant x-ray scattering. Physical Review B, 2018, 97, .	1.1	8
129	Structural Transition in the Hidden Ordered Phase of CeCoSi. Journal of the Physical Society of Japan, 2022, 91, .	0.7	8
130	Appearance of the spin-Peierls phase under pressure in $\text{Cu}_{1-x}\text{Mg}_x\text{GeO}_3$. Physical Review B, 2003, 67, .	1.1	7
131	Anomalous Debye-Waller Factor Associated with an Order-Disorder Transformation in an $\text{Al}_2\text{Ni}_{20}\text{Co}_8$ Decagonal Quasicrystal. Journal of the Physical Society of Japan, 2003, 72, 1828-1831.	0.7	7
132	Periodic Arrangement of Quadrupolar Moments Induced by the Antiferromagnetic Order in TbB_2C_2 : Observation by Resonant X-ray Scattering. Journal of the Physical Society of Japan, 2005, 74, 1566-1571.	0.7	7
133	Resonant soft X-ray scattering study of the magnetic structures in $\text{La}_{1.5}\text{Ca}_{0.5}\text{CoO}_4$ using a high vacuum diffractometer with a 4-blade-slit detector system. Journal of Physics: Conference Series, 2013, 425, 202003.	0.3	7
134	Spin State of Co^{3+} in $\text{LaCo}_{1-x}\text{Rh}_x\text{O}_3$ Investigated by Structural Phenomena. Journal of the Physical Society of Japan, 2013, 82, 114606.	0.7	7
135	Diffractometer for small angle resonant soft x-ray scattering under magnetic field. Journal of Physics: Conference Series, 2013, 425, 132012.	0.3	7
136	Unconventional magnetism in the layered oxide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LaSrRhO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2014, 90, .	1.1	8
137	Microscopic Examinations of Co Valences and Spin States in Electron-Doped LaCoO_3 . Journal of the Physical Society of Japan, 2016, 85, 094702.	0.7	7
138	Metastable solitonic states in the strained itinerant helimagnet FeGe . Physical Review B, 2020, 102, .	1.1	7
139	Coherent X-ray Diffraction for Domain Observation. Transactions of the Materials Research Society of Japan, 2007, 32, 7-10.	0.2	7
140	Neutron incoherent scattering of structural glass NH_4KI mixed crystal. Physica B: Condensed Matter, 1995, 213-214, 564-566.	1.3	6
141	Critical behavior of crystal lattice of NaV_2O_5 . Journal of Physics and Chemistry of Solids, 1999, 60, 1101-1103.	1.9	6
142	Critical Neutron Scattering Study of the Compositional Phase Transition in Mg-Doped CuGeO_3 . Journal of the Physical Society of Japan, 2000, 69, 3186-3188.	0.7	6
143	Temperature versus concentration phase diagram of Mg- and Si-doped CuGeO_3 . Physica B: Condensed Matter, 2000, 284-288, 1637-1638.	1.3	6
144	Resonant X-ray scattering study on the filled skutterudite $\text{PrFe}_4\text{P}_{12}$. Physica B: Condensed Matter, 2003, 329-333, 467-468.	1.3	6

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145	Direct observation of ordered orbital of YTiO ₃ by the X-ray magnetic diffraction technique. Nuclear Instruments & Methods in Physics Research B, 2005, 238, 237-241.	0.6	6
146	Orbital ordered states in RVO ₃ (R = Y, Tb) studied by a resonant x-ray scattering. Journal of Physics: Conference Series, 2009, 150, 042010.	0.3	6
147	Garnet superlattice as a transparent above-room-temperature polar magnet. Physical Review B, 2011, 83, .	1.1	6
148	Thickness-dependent physical properties of La _{1/3} Sr _{2/3} FeO ₃ thin films grown on SrTiO ₃ (001) and (111) substrates. Journal of Applied Physics, 2016, 120, 025303.	1.1	6
149	Observation of all-in type tetrahedral displacements in nonmagnetic pyrochlore niobates. Physical Review B, 2016, 93, .	1.1	6
150	Thickness dependence and dimensionality effects on charge and magnetic orderings in La _{1-x} Ni _x O thin films. Physical Review B, 2018, 97, .	1.1	6
151	Metamagnetic transitions and magnetoelectric responses in the chiral polar helimagnet Ni ₂ O ₆ . Physical Review B, 2020, 102, .	1.1	6
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