Naomi Kawamura

List of Publications by Year
in descending order

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216 papers	4,348 citations	147801 31 h-index	138484 58 g-index
220 all docs	220 docs citations	220 times ranked	4868 citing authors

#	Article	IF	Citations
1	Colossal negative thermal expansion in BiNiO3 induced by intermetallic charge transfer. Nature Communications, 2011, 2, 347.	12.8	389
2	Direct Observation of Ferromagnetic Spin Polarization in Gold Nanoparticles. Physical Review Letters, 2004, 93, 116801.	7.8	281
3	Chemically Induced Permanent Magnetism in Au, Ag, and Cu Nanoparticles:â€‰ Localization of the Magnetism by Element Selective Techniques. Nano Letters, 2008, 8, 661-667.	9.1	220
4	SPring-8 RIKEN beamline III for coherent X-ray optics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 686-689.	1.6	171
5	X-ray Magnetic Circular Dichroism of Size-Selected, Thiolated Gold Clusters. Journal of the American Chemical Society, 2006, 128, 12034-12035.	13.7	136
6	Helicity-Modulation Technique Using Diffractive Phase Retarder for Measurements of X-ray Magnetic Circular Dichroism. Japanese Journal of Applied Physics, 1998, 37, L1488-L1490.	1.5	129
7	Depth profile of spin and orbital magnetic moments in a subnanometer Pt film on Co. Physical Review B, 2005, 72, .	3.2	109
8	CaFeO₂: A New Type of Layered Structure with Iron in a Distorted Square Planar Coordination. Journal of the American Chemical Society, 2009, 131, 221-229.	13.7	89
9	Glitch-free X-ray absorption spectrum under high pressure obtained using nano-polycrystalline diamond anvils. Journal of Synchrotron Radiation, 2012, 19, 768-772.	2.4	88
10	Reversible changes of epitaxial thin films from perovskite LaNiO3 to infinite-layer structure LaNiO2. Applied Physics Letters, 2009, 94, .	3.3	81
11	Photoassisted amorphization of the phase-change memory alloy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ge</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msu Physical Review B, 2010, 82, .	3.2	80
12	Reversible Phototuning of Ferromagnetism at Auâ€“S Interfaces at Room Temperature. Angewandte Chemie - International Edition, 2008, 47, 160-163.	13.8	72
13	Novel Magnetic Domain Structure in Iron Meteorite Induced by the Presence of L1₀-FeNi. Applied Physics Express, 2010, 3, 013001.	2.4	68
14	Pressure-induced changes in the magnetic and valence state of EuFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mro	3.2	64
15	X-Ray Magnetic Circular Dichroism of a Valence Fluctuating State in Eu at High Magnetic Fields. Physical Review Letters, 2009, 103, 046402.	7.8	60
16	Lifetime-broadening-suppressed/free XANES spectroscopy by high-resolution resonant inelastic x-ray scattering. Physical Review B, 2003, 68, .	3.2	52
17	Single-crystal epitaxial thin films of SrFeO2 with FeO2 â€œinfinite layersâ€• Applied Physics Letters, 2008, 92, .	3.3	52
18	A multi-crystal spectrometer with a two-dimensional position-sensitive detector and contour maps of resonant Kî² emission in Mn compounds. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 191-197.	1.7	48

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19	Polarization tunability and analysis for observing magnetic effects on BL39XU at SPring-8. Journal of Synchrotron Radiation, 1999, 6, 1133-1137.	2.4	46
20	Magnetocapacitive effects in the NÃ©el<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi></mml:math>-type ferrimagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SmMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 82, .	3.2	45
21	X-ray magnetic spectroscopy at high pressure: performance of SPring-8 BL39XU. Journal of Synchrotron Radiation, 2009, 16, 730-736.	2.4	44
22	Structural, magnetic and electronic state characterization of L1₀-type ordered FeNi alloy extracted from a natural meteorite. Journal of Physics Condensed Matter, 2014, 26, 064206.	1.8	42
23	Mapping Platinum Species in Polymer Electrolyte Fuel Cells by Spatially Resolved XAFS Techniques. Angewandte Chemie - International Edition, 2014, 53, 14110-14114.	13.8	41
24	Symmetry of Valence States of Heusler Compounds Explored by Linear Dichroism in Hard-X-Ray Photoelectron Spectroscopy. Physical Review Letters, 2011, 107, 036402.	7.8	37
25	Measurement of a Pauli and Orbital Paramagnetic State in Bulk Gold Using X-Ray Magnetic Circular Dichroism Spectroscopy. Physical Review Letters, 2012, 108, 047201.	7.8	37
26	Pressure-Induced Valence Crossover and Novel Metamagnetic Behavior near the Antiferromagnetic Quantum Phase Transition of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YbNi</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Ga</mml:mi><mml:mi></mml:mi><mml:m Physical Review Letters, 2015, 114, 086401.	7.8	37
27	X-ray magnetic circular dichroism at the ironKedge in rare-earth-transition-metal intermetallics: Experimental probe of the rare-earth magnetic moment. Physical Review B, 1996, 54, R15637-R15640.	3.2	36
28	Ferromagnetism of Pt nanoparticles induced by surface chemisorption. Physical Review B, 2011, 83, .	3.2	35
29	Direct observation of the pressure-induced charge redistribution in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BiNiO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> x-ray absorption spectroscopy. Physical Review B, 2009, 80, .	3.2	34
30	Anomalous magnetic hysteresis of Gd and Fe moments in a Gd/Fe multilayer measured by hard x-ray magnetic circular dichroism. Physical Review B, 2000, 61, R14909-R14912.	3.2	32
31	X-ray magnetic circular dichroism at rare-earthL2,3edges inR2Fe14Bcompounds(R=La,Pr, Nd, Sm, Gd, Tb,) Tj ETQq1 1 0.784314 rgBT /O	3.2	32
32	Pressure-Induced Magnetic Transition in Fe4N Probed by FeK-edge XMCD Measurement. Journal of the Physical Society of Japan, 2003, 72, 2372-2376.	1.6	31
33	Stability of Ferromagnetism in Fe, Co, and Ni Metals under High Pressure. Journal of the Physical Society of Japan, 2007, 76, 064703.	1.6	30
34	Orientation Change of an Infinite-Layer Structure LaNiO₂ Epitaxial Thin Film by Annealing with CaH₂. Crystal Growth and Design, 2010, 10, 2044-2046.	3.0	30
35	Hydrogen-induced modification of the electronic structure and magnetic states in Fe, Co, and Ni monohydrides. Physical Review B, 2012, 86, .	3.2	29
36	Giant perpendicular magnetic anisotropy in Ir/Co/Pt multilayers. Physical Review Materials, 2019, 3, .	2.4	29

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37	Magnetic dichroism in angle-resolved hard x-ray photoemission from buried layers. Physical Review B, 2011, 84, .	3.2	28
38	Paramagnetism with anomalously large magnetic susceptibility in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>(fcc)-cobalt probed by x-ray magnetic circular dichroism up to 170 GPa. Physical Review B, 2011, 83, .	3.2	28
39	Hard X-ray Photoemission Spectroscopy Combined with Magnetic Circular Dichroism: Application to Fe_{3-<i>x</i>}Zn_{<i>x</i>}O₄Spinel Oxide Thin Films. Applied Physics Express, 2009, 2, 077003.	2.4	27
40	Orbital magnetism in Cd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Os<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	27
41	Visualization of the Heterogeneity of Cerium Oxidation States in Single Pt/Ce₂Zr₂O_{<i>x</i>} Catalyst Particles by Nanoâ€XAFS. ChemPhysChem, 2014, 15, 1563-1568.	2.1	27
42	Rare-earth orbital contribution to the FeK-edge x-ray magnetic circular dichroism in rare-earth transition-metal intermetallic compounds. Physical Review B, 2004, 69, .	3.2	26
43	Atomic dynamics of low-lying rare-earth guest modes in heavy fermion filled skutterudites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi></mml:mrow></mml:math>Os<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>Sb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	26
44	A hard X-ray nanospectroscopy station at SPring-8 BL39XU. Journal of Physics: Conference Series, 2013, 430, 012017.	0.4	25
45	Quadrupole transition in the DyL3edge observed by lifetime-broadening-suppressed XANES spectroscopy. Physical Review B, 2004, 70, .	3.2	24
46	Threeâ€Dimensional Nearâ€Surface Imaging of Chirality Domains with Circularly Polarized Xâ€rays. Angewandte Chemie - International Edition, 2013, 52, 8718-8721.	13.8	24
47	Revealing Fe magnetism in lanthanide-iron intermetallic compounds by tuning the rare-earthL2,3-edge x-ray absorption edges. Physical Review B, 2005, 72, .	3.2	23
48	Size-reduction induced ferromagnetism and photo-magnetic effects in azobenzene-thiol-passivated gold nanoparticles. Polyhedron, 2009, 28, 1868-1874.	2.2	22
49	Noncollinear Spin Structure in Feâ€"Ni Invar Alloy Probed by Magnetic EXAFS at High Pressure. Journal of the Physical Society of Japan, 2011, 80, 023709.	1.6	21
50	Pressure-Driven Spin Crossover Involving Polyhedral Transformation in Layered Perovskite Cobalt Oxyfluoride. Scientific Reports, 2016, 6, 36253.	3.3	21
51	Hard X-ray Photoelectron Emission Microscopy as Tool for Studying Buried Layers. Japanese Journal of Applied Physics, 2006, 45, 1886-1888.	1.5	20
52	Study on irradiation-induced magnetic transition in FeRh alloys by means of Fe K-edge XMCD spectroscopy. Nuclear Instruments & Methods in Physics Research B, 2007, 256, 429-433.	1.4	20
53	Annealing influence on the atomic ordering and magnetic moment in a Niâ€"Mnâ€"Ga alloy. Journal of Magnetism and Magnetic Materials, 2007, 316, e610-e613.	2.3	20
54	Experimental evidence of pressure-induced suppression of the cobalt magnetic moment inErCo2. Physical Review B, 2007, 75, .	3.2	19

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55	Hard X-ray Photoemission Spectroscopy at Two Public Beamlines of SPring-8: Current Status and Ongoing Developments. Synchrotron Radiation News, 2018, 31, 10-15.	0.8	19
56	Structure, magnetism and transport of La2NiRuO6. Journal of Alloys and Compounds, 2003, 348, 236-240.	5.5	18
57	XAS and XMCD study of the influence of annealing on the atomic ordering and magnetism in an NiMnGa alloy. Journal of Physics Condensed Matter, 2009, 21, 016002.	1.8	18
58	Probe for Spin- and Valence-Selective X-ray Absorption Fine Structure Spectroscopy: EuLÎ34 Emission. Analytical Chemistry, 2009, 81, 1522-1528.	6.5	18
59	Monochiral helimagnetism in homochiral crystals of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CsCuCl</mml:mi><mml:mn>3</mml:mn></mml:msub></ Physical Review Materials, 2017, 1, .	2.4	18
60	Chemical Effects of CeLÎ34 Emission Spectra for Ce Compounds. Analytical Sciences, 2010, 26, 885-889.	1.6	17
61	Applications of nano-polycrystalline diamond anvils to X-ray absorption spectroscopy under high pressure. High Pressure Research, 2016, 36, 381-390.	1.2	16
62	Extended spin-polarized x-ray absorption near-edge spectra of MnO. Physical Review B, 2004, 70, .	3.2	15
63	Oxidation state sensitivity of Eu LÎ34 emission and its applications to oxidation state selective EXAFS spectroscopy of EuPd2Si2. Journal of Analytical Atomic Spectrometry, 2011, 26, 1858.	3.0	15
64	Element-specific hard X-ray micro-magnetometry of magnetic modifications in Coâ€“Pt dots fabricated by ion etching. Journal of Magnetism and Magnetic Materials, 2008, 320, 3157-3160.	2.3	14
65	Design optimization of highly accurate elliptical mirrors for hard-x-ray microfocusing probes at SPring-8. , 2009, , .		14
66	X-ray magnetic circular dichroism at OsL-edge under multiple extreme conditions in SmOs4Sb12. Journal of Physics: Conference Series, 2009, 190, 012020.	0.4	14
67	Valence Fluctuation in YbAgCu₄at High Magnetic Fields. Journal of the Physical Society of Japan, 2012, 81, 015002.	1.6	14
68	Differences in local structure around Co and Fe of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BiCo</mml:mi><mml:mrow><mml:mn>1</m mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>system determined by x-ray absorption fine structure. Physical Review B, 2015, 92, .	3.2	14
69	Polarization-modulation technique with diamond phase retarder to improve the accuracy of XMCD measurements. Journal of Synchrotron Radiation, 1999, 6, 190-192.	2.4	13
70	X-ray absorption inCe(Fe1â^'xCox)2andCe(Fe1â^'xAlx)2compounds. Physical Review B, 2000, 62, 468-475.	3.2	13
71	Photoemission and x-ray absorption study of the two-dimensional triangular lattice superconductorNa0.35CoO2Â·1.3H2O. Physical Review B, 2004, 70, .	3.2	13
72	Selective XANES spectroscopy from RIXS contour maps. Journal of Physics and Chemistry of Solids, 2005, 66, 2168-2172.	4.0	13

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73	Admixture of excited states and ground states of aEu3+ion inEu3Fe5O12by means of magnetic circular dichroism. Physical Review B, 2005, 71, .	3.2	13
74	Sub-Nanosecond Time-Resolved Structural Measurements of the Phase-Change Alloy Ge2Sb2Te5. Japanese Journal of Applied Physics, 2007, 46, 3711-3714.	1.5	13
75	Thiol-capped ferromagnetic Au nanoparticles investigated by Au L3 x-ray absorption spectroscopy. Journal of Applied Physics, 2009, 105, 07A907.	2.5	13
76	KÎ² Detected High-Resolution XANES of FeII and FeIII Models of the 2-His-1-Carboxylate Motif: Analysis of the Carboxylate Binding Mode. European Journal of Inorganic Chemistry, 2012, 2012, 1589-1597.	2.0	13
77	MnK-edge XMCD in Mn3MC (M= Zn and Ga) perovskite. Journal of Synchrotron Radiation, 2001, 8, 449-451.	2.4	12
78	Composition-dependent induced spin and orbital magnetic moments of Ir in Co-Ir alloys from x-ray magnetic circular dichroism. Physical Review B, 2006, 74, .	3.2	12
79	Ab initiox-ray absorption study of Mn K-edge XANES spectra in Mn3MC (M = Sn, Zn and Ga) compounds. Journal of Physics Condensed Matter, 2007, 19, 216214.	1.8	12
80	Chemical effects of highâ€resolution YbLÎ³₄ emission spectra: a possible probe for chemical analysis. X-Ray Spectrometry, 2013, 42, 450-455.	1.4	12
81	X-ray magnetic circular dichroism studies of Fe4N under high-pressure. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1061-1064.	1.6	11
82	Relationship between hydriding and Nd magnetic moment in Nd2Fe14B. Journal of Applied Physics, 2003, 93, 475-478.	2.5	11
83	XMCD study of electronic states in rare-earth iron garnet. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 135-141.	1.7	11
84	Relationship between XMCD and molecular field in rare-earth (R) transition-metal (T) intermetallic compounds. Journal of Physics Condensed Matter, 2007, 19, 436225.	1.8	11
85	High-Magnetic-Field X-ray Absorption and Magnetic Circular Dichroism Spectroscopy in the Mixed-Valent Compound YbAgCu4. Journal of the Physical Society of Japan, 2012, 81, 114702.	1.6	11
86	Synchrotron X-ray spectroscopy study on the valence state in Î±- and Î²-YbAlB4 at low temperatures and high magnetic fields. Journal of the Korean Physical Society, 2013, 62, 1778-1781.	0.7	11
87	<math xmlns="http://www.w3.org/1998/Math/MathML"><mi>Î±</mi><mo>â^'</mo><mi>Îµ</mi></math> transition pathway of iron under quasihydrostatic pressure conditions. Physical Review B, 2014, 90, .	3.2	11
88	Variation of XMCD spectrum with temperature at RL2,3-edges in R3Fe5O12(R = Gd and Er). Journal of Synchrotron Radiation, 2001, 8, 425-427.	2.4	10
89	Disentanglement of magnetic contributions in multi-component systems by using X-ray magnetic circular dichroism at a single absorption edge. Journal of Synchrotron Radiation, 2008, 15, 440-448.	2.4	10
90	A new method for determining the valence of lanthanide compounds: LÎ³4 emission spectroscopy. Journal of Analytical Atomic Spectrometry, 2013, 28, 373.	3.0	10

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91	Lifetime-Broadening-Suppressed X-ray Absorption Spectrum of Î²-YbAlB₄ Deduced from Yb 3d â†' 2p Resonant X-ray Emission Spectroscopy. Journal of the Physical Society of Japan, 2017, 86, 014711.	1.6	10
92	Estimation of Ce 4fâ€“5d Interaction by Analysis of Partial Fluorescence Yield at the Ce L₃ Edge of CeO₂. Journal of the Physical Society of Japan, 2017, 86, 093704.	1.6	10
93	A feasibility study of â€œrange-extendedâ€•EXAFS measurement at the Pt L₃-edge of Pt/Al₂O₃ in the presence of Au₂O₃. Journal of Analytical Atomic Spectrometry, 2018, 33, 84-89.	3.0	10
94	Kondo-like behavior near the magnetic instability in SmB6 : Temperature and pressure dependences of the Sm valence. Physical Review B, 2018, 97, .	3.2	10
95	Effect of Ligand on the Electronic State of Gold in Ligand-Protected Gold Clusters Elucidated by X-ray Absorption Spectroscopy. Journal of Physical Chemistry C, 2021, 125, 3143-3149.	3.1	10
96	Interfacial-hybridization-modified Ir ferromagnetism and electronic structure in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LaMnO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> superlattices. Physical Review Research, 2020, 2, .	3.6	10
97	Multielectron Excitations in3dTransition Metal Compounds Probed by X-Ray Magnetic Circular Dichroism. Journal of the Physical Society of Japan, 1999, 68, 923-929.	1.6	9
98	Evidence for a magnetic moment on Ir in IrMnAl from x-ray magnetic circular dichroism. Physical Review B, 2003, 68, .	3.2	9
99	Element-Specified Observation of Surface-Influenced Magnetization Process in Gd/Fe Multilayer. Journal of the Physical Society of Japan, 2003, 72, 245-248.	1.6	9
100	Lifetime-broadening-suppressed polarized Cu K X-ray absorption near edge structure of Nd2â^'xCexCuO4 measured by resonant inelastic X-ray scattering spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 199-204.	1.7	9
101	X-ray magnetic circular dichroism study of the decoupling of the magnetic ordering of the Er and Co sublattices inEr1â^'xYxCo2systems. Physical Review B, 2007, 75, .	3.2	9
102	Temperature and Magnetic Field Dependent Yb Valence in YbRh₂Si₂ Observed by X-ray Absorption Spectroscopy. Journal of the Physical Society of Japan, 2013, 82, 124712.	1.6	9
103	Pressureâ€“Temperature Phase Diagram of Sm Valence State in a Heavy Fermion Compound SmOs4Sb12. Journal of the Physical Society of Japan, 2013, 82, 023707.	1.6	9
104	Relationship between element-selective electronic states and hydrogen absorption properties of Pd-M(M=Ru,Rh,Ag,and Au)alloys. Physical Review B, 2017, 95, .	3.2	9
105	Pressure and magnetic field effects on the valence transition of EuRh2Si2. Physica B: Condensed Matter, 2018, 536, 427-431.	2.7	9
106	Local electronic structure analysis using a photoelectron emission microscope (PEEM) with hard X-ray. E-Journal of Surface Science and Nanotechnology, 2006, 4, 490-493.	0.4	9
107	Magnetic circular x-ray dichroism measurements in 3 keV region: At Pd L2,3-edges in 3d transition metals (TM)-Pd alloys (TM = Fe, Co, Ni). Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 303-306.	1.7	8
108	Tuning of X-ray phase retarder for magnetic EXAFS spectroscopy in helicity modulation mode. Journal of Synchrotron Radiation, 2001, 8, 357-359.	2.4	8

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109	Iridium L2,3 edge magnetic circular dichroism study of 5d moment formation in ferromagnetic Irâ€“Fe alloys. Physica B: Condensed Matter, 2002, 312-313, 647-649.	2.7	8
110	XMCD study on ferromagnetic superconductor. Physica B: Condensed Matter, 2005, 359-361, 1054-1056.	2.7	8
111	Intrinsic Effect of the Electric Field on Tiâ€“O Bonding in Ferroelectric BaTiO₃ Probed by Resonant X-ray Emission Spectroscopy. Japanese Journal of Applied Physics, 2011, 50, 09NE04.	1.5	8
112	Resonant inelastic x-ray scattering of CeB6 at the Ce L1- and L3-edges. Journal of Chemical Physics, 2012, 136, 194501.	3.0	8
113	Mechanism of Field Induced Fermi Liquid State in Yb-Based Heavy-Fermion Compound: X-ray Absorption Spectroscopy and Nuclear Magnetic Resonance Studies of YbCo₂Zn₂₀. Journal of the Physical Society of Japan, 2012, 81, 033706.	1.6	8
114	Thermal expansion of a Auâˆ’Alâˆ’Yb intermediate valence quasicrystal. Solid State Communications, 2015, 211, 19-22.	1.9	8
115	Element-selective elastic properties of Fe65Ni35 Invar alloy and Fe72Pt28 alloy studied by extended X-ray absorption fine structure. High Pressure Research, 2020, 40, 130-139.	1.2	8
116	Magnetic Microscopy Using a Circularly Polarized Hard-X-ray Nanoprobe at SPring-8. Synchrotron Radiation News, 2020, 33, 4-11.	0.8	8
117	Site-Specified Magnetic States in Ferrites Probed by Magnetic Circular X-Ray Dichroism. European Physical Journal Special Topics, 1997, 07, C1-269-C1-270.	0.2	8
118	X-Ray Magnetic Circular Dichroism and Structural Model for Co-Doped TiO2(Anatase) Thin Film. Journal of the Physical Society of Japan, 2004, 73, 800-803.	1.6	7
119	XMCD study of magnetic phase transition in Mn3ZnC perovskite. Physica B: Condensed Matter, 2004, 351, 328-332.	2.7	7
120	Ga Magnetic Polarization in Mn12123GaC under High Pressure Probed by Ga KEdge XMCD. Physica Scripta, 2005, , 591.	2.5	7
121	Application of photoelectron emission microscopy (PEEM) to extraterrestrial materials. Surface Science, 2007, 601, 4764-4767.	1.9	7
122	Element and orbital-specific observation of two-step magnetic transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NpNiGa</mml:mtext></mml:mrow><mml:mn>5</mml:mn></mml	3.2	7
123	X-ray magnetic circular dichroism study. Physical Review B, 2009, 80, . xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>system studied by the Faraday effect in the visible region and the x-ray magnetic circular dichroism at the Eu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>M</mml:mi><mml:mrow><mml:mn>4</mml:mn><mml:mo>,</mml:mo><mml:mn>5</mml:mn>	3.2	7
124	Switching field distribution and magnetization reversal process of FePt dot patterns. Journal of Magnetism and Magnetic Materials, 2014, 360, 205-210.	2.3	7
125	Two-Step Suppression of Charge Disproportionation in CaCu₃Fe₄O₁₂ under High Pressure. Journal of the Physical Society of Japan, 2016, 85, 034716.	1.6	7
126	Origin of magnetization in diluted magnetic semiconductor GaGdAs monolayer and superlattice. Journal of Magnetism and Magnetic Materials, 2019, 476, 213-217.	2.3	7

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127	Energy-modulation spectroscopy in hard X-ray region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1568-1571.	1.6	6
128	Application of optical scanner to switching of x-ray photon helicities at kHz range. Review of Scientific Instruments, 2003, 74, 19-22.	1.3	6
129	XMCD spectroscopy on valence fluctuating and heavy fermion compounds in very high magnetic fields up to 40 T. Journal of Physics: Conference Series, 2009, 190, 012019.	0.4	6
130	Direct metallographic analysis of an iron meteorite using hard x-ray photoelectron emission microscopy. IBM Journal of Research and Development, 2011, 55, 13:1-13:5.	3.1	6
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