

# Naomi Kawamura

## List of Publications by Year in descending order

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216  
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#	ARTICLE	IF	CITATIONS
1	Valence transition of the intermetallic compound Ce <sub>2</sub> Rh <sub>2</sub> Ga probed by resonant x-ray emission spectroscopy. Physical Review B, 2022, 105, .	3.2	1
2	Pressure-induced changes of valence fluctuation in $\text{LaMnO}_3$ probed by x-ray absorption spectroscopy. Physical Review B, 2022, 105, .	3.2	1
3	High-Energy Resolution Fluorescence Detected X-ray Absorption Spectroscopy for the Speciation of Fe in Aerosol Samples. Minerals (Basel, Switzerland), 2022, 12, 536.	2.0	2
4	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
5	Elongation of Fe-Fe atomic pairs in the Invar alloy $\text{Fe}_{65}\text{Ni}_{35}$ Physical Review B, 2021, 103, .	3.6	5
6	Highly-sensitive Analysis of Fluorescence XANES at Europium (Eu) L <sub>III</sub> -edge for the Determination of Oxidation State for Trace Amount of Eu in Natural Samples by Bragg-type Crystal Analyzer System. Chemistry Letters, 2021, 50, 1570-1572.	1.3	3
7	Impacts of pressure to the structural, electronic and magnetic properties of Dirac semimetal EuMnBi <sub>2</sub> . Physical Review Research, 2021, 3, .	3.6	5
8	Sm valence determination of Sm-based Intermetallics using <sup>149</sup> Sm Mössbauer and Sm L <sub>III</sub> -edge X-ray absorption spectroscopies. Hyperfine Interactions, 2021, 242, 1.	0.5	1
9	Cu 2p-1s x-ray emission spectroscopy of mineral tetrahedrite Cu <sub>12</sub> Sb <sub>4</sub> S <sub>13</sub> . Radiation Physics and Chemistry, 2020, 175, 108148.	2.8	2
10	Temperature-induced valence transition in EuNi <sub>2</sub> (Si <sub>1-x</sub> Ge <sub>x</sub> ) <sub>2</sub> investigated by high-energy resolution fluorescence detection X-ray absorption spectroscopy. Radiation Physics and Chemistry, 2020, 175, 108150.	2.8	5
11	Element-selective elastic properties of Fe <sub>65</sub> Ni <sub>35</sub> Invar alloy and Fe <sub>72</sub> Pt <sub>28</sub> alloy studied by extended X-ray absorption fine structure. High Pressure Research, 2020, 40, 130-139.	1.2	8
12	An application of NPD to double-stage diamond anvil cells: XAS spectra of rhenium metal under high pressures above 300 GPa. High Pressure Research, 2020, 40, 119-129.	1.2	4
13	Electronic Structure of the Valence Transition System Eu(Rh <sub>1-x</sub> Tx) <sub>2</sub> Si <sub>2</sub> (T = Co, Ir) Studied by High-Energy Resolution Fluorescence Detection X-Ray Absorption Spectroscopy. , 2020, .		1
14	Yb (L <sub>3</sub> ) Resonant Hard X-Ray Photoemission Spectroscopy of Valence Transition Compound YbInCu <sub>4</sub> . , 2020, .		1
15	Magnetic Microscopy Using a Circularly Polarized Hard-X-ray Nanoprobe at SPring-8. Synchrotron Radiation News, 2020, 33, 4-11.	0.8	8
16	Interfacial-hybridization-modified Ir ferromagnetism and electronic structure in $\text{LaMnO}_3/\text{IrO}_2$ superlattices. Physical Review Research, 2020, 2, .	3.0	1
17	Magnetic and Electronic Properties of the Ternary Compound U <sub>2</sub> T <sub>3</sub> Si <sub>5</sub> (T = Rh, Ir). , 2020, .		2
18	Study on the Correlation of U Valence States with U-U Distance in UPd <sub>2</sub> Cd <sub>20</sub> . , 2020, .		3

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19	Origin of magnetization in diluted magnetic semiconductor GaGdAs monolayer and superlattice. Journal of Magnetism and Magnetic Materials, 2019, 476, 213-217.	2.3	7
20	Pressure-Induced Collapse of the Guest Eu Off-Centering in Type-I Clathrate $\text{Eu}_8\text{Ga}_{16}\text{Ge}_{30}$ . Journal of the Physical Society of Japan, 2019, 88, 114601.	1.6	2
21	Giant perpendicular magnetic anisotropy in Ir/Co/Pt multilayers. Physical Review Materials, 2019, 3, .	2.4	29
22	Emergence of a new valence-ordered structure and collapse of the magnetic order under high pressure in EuPtP. Journal of Physics Condensed Matter, 2018, 30, 105603.	1.8	4
23	Temperature and pressure dependences of Sm valence in intermediate valence compound SmB6. Physica B: Condensed Matter, 2018, 536, 197-199.	2.7	4
24	Pressure and magnetic field effects on the valence transition of $\text{EuRh}_2\text{Si}_2$ . Physica B: Condensed Matter, 2018, 536, 427-431.	2.7	9
25	A feasibility study of "range-extended" EXAFS measurement at the Pt $L_{3}$ -edge of $\text{Pt}/\text{Al}_2\text{O}_3$ in the presence of $\text{Au}_2\text{O}_3$ . Journal of Analytical Atomic Spectrometry, 2018, 33, 84-89.	3.0	10
26	Electronic states of $\text{CeT}_2\text{X}_2\text{O}$ (T:transition metal, X=Zn and Cd). AIP Advances, 2018, 8, 115017.	1.3	2
27	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
28	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
29	Magnetic circular dichroism of X-ray spectroscopy for spinel-type ferrites in hard X-ray region: X-ray absorption, X-ray emission, and X-ray photoemission. Journal of Electron Spectroscopy and Related Phenomena, 2017, 220, 81-85.	1.7	4
30	Lifetime-Broadening-Suppressed X-ray Absorption Spectrum of $\text{YbAlB}_4$ Deduced from Yb $3d$ Resonant X-ray Emission Spectroscopy. Journal of the Physical Society of Japan, 2017, 86, 014711.	1.6	10
31	Electronic states in the pressure-induced magnetically ordered phase in $\text{SmB}_6$ . Journal of Physics: Conference Series, 2017, 868, 012008.	0.4	0
32	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
33	Estimation of Ce $4f$ Interaction by Analysis of Partial Fluorescence Yield at the Ce $L_{3}$ Edge of $\text{CeO}_2$ . Journal of the Physical Society of Japan, 2017, 86, 093704.	1.6	10
34	Effect of Fe-site Substitution on Pressure-induced Spin Transition in $\text{SrFeO}_2$ . Journal of the Physical Society of Japan, 2017, 86, 124716.	1.6	0
35	Monochiral helimagnetism in homochiral crystals of $\text{CsCuCl}_3$ . Physical Review Materials, 2017, 1, .	2.7	18
36	Valence State in $\text{CeIrIn}_5$ at High Magnetic Fields of up to 42 T. Journal of the Physical Society of Japan, 2016, 85, 115001.	1.6	2

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37	Pressure-induced valence change toward the QCP in 4f-electron compounds determined by X-ray absorption spectroscopy. High Pressure Research, 2016, 36, 419-428.	1.2	2
38	Applications of nano-polycrystalline diamond anvils to X-ray absorption spectroscopy under high pressure. High Pressure Research, 2016, 36, 381-390.	1.2	16
39	Pressure-Driven Spin Crossover Involving Polyhedral Transformation in Layered Perovskite Cobalt Oxyfluoride. Scientific Reports, 2016, 6, 36253.	3.3	21
40	Two-Step Suppression of Charge Disproportionation in $\text{CaCu}_3\text{Fe}_4\text{O}_{12}$ under High Pressure. Journal of the Physical Society of Japan, 2016, 85, 034716.	1.6	7
41	Differences in local structure around Co and Fe of the $\text{BiCo}_3\text{O}_3$ system determined by x-ray absorption fine structure. Physical Review B, 2015, 92, .	3.2	14
42	Mechanism of intrinsic dipole moment induction in quantum paraelectric $\text{SrTiO}_3$ . Japanese Journal of Applied Physics, 2015, 54, 10NC03.	1.5	4
43	X-ray absorption spectroscopy and novel electronic properties in heavy fermion compounds $\text{Yb}_2\text{Zn}_{20}(\text{T: Rh and Ir})$ . Journal of Physics: Conference Series, 2015, 592, 012021.	0.4	4
44	Synchrotron X-ray spectroscopy study on the valence state and magnetization in $\text{YbAl}_{1-x}\text{Fe}_x\text{B}_4$ ( $x = 0, 0.05, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1$ ). Journal of Physics: Conference Series, 2015, 592, 012020.	0.4	1
45	Large Negative Magnetic Anisotropy of $\text{W}/\text{Fe}/\text{W}$ (001) Epitaxial Trilayers. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	4
46	X-ray Absorption Spectroscopy in the Heavy Fermion Compound $\text{YbAlB}_4$ at High Magnetic Fields. Journal of the Physical Society of Japan, 2015, 84, 114715.	1.6	4
47	Pressure-Induced Valence Crossover and Novel Metamagnetic Behavior near the Antiferromagnetic Quantum Phase Transition of $\text{YbNi}_3\text{Ga}$ . Physical Review Letters, 2015, 114, 086401.	7.8	37
48	Thermal expansion of a $\text{AuAl}_2\text{Yb}$ intermediate valence quasicrystal. Solid State Communications, 2015, 211, 19-22.	1.9	8
49	Mapping Platinum Species in Polymer Electrolyte Fuel Cells by Spatially Resolved XAFS Techniques. Angewandte Chemie - International Edition, 2014, 53, 14110-14114.	13.8	41
50	Visualization of the Heterogeneity of Cerium Oxidation States in Single $\text{Pt}/\text{Ce}_2\text{Zr}_2\text{O}_x$ Catalyst Particles by Nano-XAFS. ChemPhysChem, 2014, 15, 1563-1568.	2.1	27
51	Structural, magnetic and electronic state characterization of $\text{L}_1_0$ -type ordered FeNi alloy extracted from a natural meteorite. Journal of Physics Condensed Matter, 2014, 26, 064206.	1.8	42
52	Switching field distribution and magnetization reversal process of FePt dot patterns. Journal of Magnetism and Magnetic Materials, 2014, 360, 205-210.	2.3	7
53	Simultaneous Pressure-Induced Magnetic and Valence Transitions in Type-I Clathrate $\text{Eu}_8\text{Ga}_{16}\text{Ge}_{30}$ . Journal of the Physical Society of Japan, 2014, 83, 013701.	1.6	3
54	Transition pathway of iron under quasihydrostatic pressure conditions. Physical Review B, 2014, 90, .	3.2	11

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55	High Pressure Properties for Electrical Resistivity and Ce Valence State of Heavy-Fermion Antiferromagnet $\text{Ce}_2\text{NiGa}_{12}$ . Journal of Physics: Conference Series, 2014, 568, 042015.	0.4	4
56	Synchrotron X-ray spectroscopy study on the valence state in $\hat{1}\pm$ - and $\hat{1}^2$ -YbAlB <sub>4</sub> at low temperatures and high magnetic fields. Journal of the Korean Physical Society, 2013, 62, 1778-1781.	0.7	11
57	A new method for determining the valence of lanthanide compounds: $\text{L}\hat{1}^3$ emission spectroscopy. Journal of Analytical Atomic Spectrometry, 2013, 28, 373.	3.0	10
58	Three-dimensional Near-Surface Imaging of Chirality Domains with Circularly Polarized X-rays. Angewandte Chemie - International Edition, 2013, 52, 8718-8721.	13.8	24
59	Temperature and Magnetic Field Dependent Yb Valence in $\text{YbRh}_2\text{Si}_2$ Observed by X-ray Absorption Spectroscopy. Journal of the Physical Society of Japan, 2013, 82, 124712.	1.6	9
60	Chemical effects of high-resolution Yb $\text{L}\hat{1}^3$ emission spectra: a possible probe for chemical analysis. X-Ray Spectrometry, 2013, 42, 450-455.	1.4	12
61	Ferromagnetic amorphous oxides in the $\text{EuO-TiO}$ system studied by the Faraday effect in the visible region and the x-ray magnetic circular dichroism at the Eu $\text{M}$ edge. $\frac{M}{M} \times \frac{4}{5}$	3.2	7
62	Pressure-Temperature Phase Diagram of Sm Valence State in a Heavy Fermion Compound $\text{SmOs}_4\text{Sb}_{12}$ . Journal of the Physical Society of Japan, 2013, 82, 023707.	1.6	9
63	Development of Fast Scanning Microscopic XAFS Measurement System. Journal of Physics: Conference Series, 2013, 430, 012019.	0.4	4
64	Stable delivery of nano-beams for advanced nano-scale analyses. Journal of Physics: Conference Series, 2013, 425, 052018.	0.4	6
65	A hard X-ray nanospectroscopy station at SPring-8 BL39XU. Journal of Physics: Conference Series, 2013, 430, 012017.	0.4	25
66	Resonant inelastic x-ray scattering of $\text{CeB}_6$ at the Ce L <sub>1</sub> - and L <sub>3</sub> -edges. Journal of Chemical Physics, 2012, 136, 194501.	3.0	8
67	High-Magnetic-Field X-ray Absorption and Magnetic Circular Dichroism Spectroscopy in the Mixed-Valent Compound $\text{YbAgCu}_4$ . Journal of the Physical Society of Japan, 2012, 81, 114702.	1.6	11
68	Atomic dynamics of low-lying rare-earth guest modes in heavy fermion filled skutterudites $\text{OsSb}_4\text{R}$ . $\frac{Os}{Sb} \times \frac{4}{5}$	3.2	26
69	Hydrogen-induced modification of the electronic structure and magnetic states in Fe, Co, and Ni monohydrides. Physical Review B, 2012, 86, .	3.2	29
70	Magnetic States in Fe, Co, Ni hydrides under High Pressure Probed by X-ray Magnetic circular dichroism. Journal of Physics: Conference Series, 2012, 377, 012041.	0.4	2
71	Magnetic EXAFS study of Fe-Ni invar alloy under high pressure using nano-polycrystalline diamond anvils. Journal of Physics: Conference Series, 2012, 377, 012039.	0.4	2
72	Diamond double-crystal monochromator at SPring-8. Proceedings of SPIE, 2012, , .	0.8	4

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73	Valence Fluctuation in YbAgCu <sub>4</sub> at High Magnetic Fields. Journal of the Physical Society of Japan, 2012, 81, 015002.	1.6	14
74	Mechanism of Field Induced Fermi Liquid State in Yb-Based Heavy-Fermion Compound: X-ray Absorption Spectroscopy and Nuclear Magnetic Resonance Studies of YbCo <sub>2</sub> Zn <sub>20</sub> . Journal of the Physical Society of Japan, 2012, 81, 033706.	1.6	8
75	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
76	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
77	K <sup>2</sup> 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
78	XANES Analysis of Phthalocyanine Molecular Conductor. E-Journal of Surface Science and Nanotechnology, 2012, 10, 92-96.	0.4	1
79	Oxidation state sensitivity of Eu L <sup>3</sup> emission and its applications to oxidation state selective EXAFS spectroscopy of EuPd <sub>2</sub> Si <sub>2</sub> . Journal of Analytical Atomic Spectrometry, 2011, 26, 1858.	3.0	15
80	Instability of Co Spin Moment in ErCo <sub>2</sub> Probed by Magnetic Compton Scattering under High Pressure. Journal of the Physical Society of Japan, 2011, 80, 093705.	1.6	5
81	Colossal negative thermal expansion in BiNiO <sub>3</sub> induced by intermetallic charge transfer. Nature Communications, 2011, 2, 347.	12.8	389
82	Intrinsic Effect of the Electric Field on Ti-O Bonding in Ferroelectric BaTiO <sub>3</sub> Probed by Resonant X-ray Emission Spectroscopy. Japanese Journal of Applied Physics, 2011, 50, 09NE04.	1.5	8
83	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
84	Magnetic dichroism in angle-resolved hard x-ray photoemission from buried layers. Physical Review B, 2011, 84, .	3.2	28
85	Upgrade status of hard x-ray 100-nm probe beamlines BL37XU and BL39XU at SPring-8. Proceedings of SPIE, 2011, , .	0.8	4
86	Noncollinear Spin Structure in Fe-Ni Invar Alloy Probed by Magnetic EXAFS at High Pressure. Journal of the Physical Society of Japan, 2011, 80, 023709.	1.6	21
87	Investigation on the origin of switching field width in Co-Pt dot array. Physics Procedia, 2011, 16, 48-52.	1.2	4
88	Ferromagnetism of Pt nanoparticles induced by surface chemisorption. Physical Review B, 2011, 83, .	3.2	35
89	Pressure-induced changes in the magnetic and valence state of EuFe <sub>2</sub> As <sub>2</sub> . $\frac{d\chi}{dT} \sim \frac{1}{T^2}$	3.2	64
90	Paramagnetism with anomalously large magnetic susceptibility in (fcc)-cobalt probed by x-ray magnetic circular dichroism up to 170 GPa. Physical Review B, 2011, 83, .	3.2	28



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91	$\text{Os}_2\text{O}_7$ <p>Magnetism in <math>\text{Cd}_2\text{O}_7</math>. Physical Review Letters, 2011, 107, 036402.</p>	3.2	27
92	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
93	Intrinsic Effect of the Electric Field on Ti <sup>4+</sup> O Bonding in Ferroelectric BaTiO <sub>3</sub> Probed by Resonant X-ray Emission Spectroscopy. Japanese Journal of Applied Physics, 2011, 50, 09NE04.	1.5	2
94	Chemical Effects of CeL <sup>3+</sup> Emission Spectra for Ce Compounds. Analytical Sciences, 2010, 26, 885-889.	1.6	17
95	Time-resolved hard X-ray magnetic microprobe at SPring-8. , 2010, , .		3
96	$\text{N}^{\text{el}}$ <p>Magnetocapacitive effects in the <math>\text{N}^{\text{el}}</math>-type ferrimagnet <math>\text{SmMnO}_3</math>. Physical Review B, 2010, 82, .</p>	3.2	45
97	High-Magnetic-Field XMCD as a Novel Tool for the Study of Valence Fluctuation Phenomena—Application to Eu-based Intermetallic Compounds. Journal of Low Temperature Physics, 2010, 159, 292-296.	1.4	3
98	Magnetic State in Iron Hydride Under Pressure Studied by X-ray Magnetic Circular Dichroism at the FeK-edge. Materials Research Society Symposia Proceedings, 2010, 1262, 1.	0.1	4
99	Photoassisted amorphization of the phase-change memory alloy $\text{Ge}_2\text{Sb}_2\text{Te}_5$ . Physical Review B, 2010, 82, .	3.2	80
100	Novel Magnetic Domain Structure in Iron Meteorite Induced by the Presence of $\text{L}_{10}$ -FeNi. Applied Physics Express, 2010, 3, 013001.	2.4	68
101	Orientation Change of an Infinite-Layer Structure $\text{LaNiO}_2$ Epitaxial Thin Film by Annealing with $\text{CaH}_2$ . Crystal Growth and Design, 2010, 10, 2044-2046.	3.0	30
102	Fabrication of Co-Pt Dot Array with 1 Tdot/in <sup>2</sup> for Bit Patterned Media by Low Energy Ion Etching. Journal of the Magnetism Society of Japan, 2010, 34, 484-488.	0.9	5
103	Direct observation of the pressure-induced charge redistribution in $\text{BiNiO}_3$ . Physical Review B, 2009, 80, .	3.2	34
104	Element and orbital-specific observation of two-step magnetic transition in $\text{NpNiGa}$ . X-ray magnetic circular dichroism study. Physical Review B, 2009, 80, .	3.2	7
105	Orbital contribution to perpendicular magnetic anisotropy in $\text{Co}_{80}\text{Pt}_{20}$ thin films. Journal of Applied Physics, 2009, 106, 033902.	2.5	4
106	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
107	Influence of the interface on the electronic channel switching of a $\text{Fe}/\text{Ag}$ thin film on a Si substrate. Applied Physics Letters, 2009, 95, .	3.3	3
108	Thiol-capped ferromagnetic Au nanoparticles investigated by Au L <sub>3</sub> x-ray absorption spectroscopy. Journal of Applied Physics, 2009, 105, 07A907.	2.5	13

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109	Reversible changes of epitaxial thin films from perovskite LaNiO <sub>3</sub> to infinite-layer structure LaNiO <sub>2</sub> . Applied Physics Letters, 2009, 94, .	3.3	81
110	Design optimization of highly accurate elliptical mirrors for hard-x-ray microfocusing probes at SPring-8. , 2009, , .		14
111	Origin of the X-ray magnetic circular dichroism at the L-edges of the rare-earths in R <sub>2</sub> Al <sub>2</sub> systems. Journal of Synchrotron Radiation, 2009, 16, 405-412.	2.4	1
112	X-ray magnetic spectroscopy at high pressure: performance of SPring-8 BL39XU. Journal of Synchrotron Radiation, 2009, 16, 730-736.	2.4	44
113	Size-reduction induced ferromagnetism and photo-magnetic effects in azobenzene-thiol-passivated gold nanoparticles. Polyhedron, 2009, 28, 1868-1874.	2.2	22
114	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
115	Probe for Spin- and Valence-Selective X-ray Absorption Fine Structure Spectroscopy: Eu L <sub>3</sub> Emission. Analytical Chemistry, 2009, 81, 1522-1528.	6.5	18
116	CaFeO <sub>2</sub> : 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
117	X-ray magnetic circular dichroism at Os L-edge under multiple extreme conditions in SmOs <sub>4</sub> Sb <sub>12</sub> . Journal of Physics: Conference Series, 2009, 190, 012020.	0.4	14
118	Valence-selective XAFS spectroscopy using Eu L <sub>3</sub> emission. Journal of Physics: Conference Series, 2009, 190, 012050.	0.4	4
119	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
120	Effect of hydrogenation on the electronic state of metallic La hydrides probed by X-ray absorption spectroscopy at the La L <sub>2,3</sub> -edges. Journal of Physics: Conference Series, 2009, 190, 012070.	0.4	5
121	Pressure dependence of magnetic states in Laves Phase R <sub>2</sub> Co <sub>2</sub> (R = Dy, Ho, and Tm). Journal of Physics: Conference Series, 2009, 190, 012014.	0.4	14
122	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
123	Lifetime-broadening-suppressed XANES spectra of copper complexes. X-Ray Spectrometry, 2008, 37, 232-236.	1.4	2
124	Reversible Phototuning of Ferromagnetism at Au/S Interfaces at Room Temperature. Angewandte Chemie - International Edition, 2008, 47, 160-163.	13.8	72
125	Element-specific hard X-ray micro-magnetometry of magnetic modifications in Co/Pt dots fabricated by ion etching. Journal of Magnetism and Magnetic Materials, 2008, 320, 3157-3160.	2.3	14
126	Chemically Induced Permanent Magnetism in Au, Ag, and Cu Nanoparticles: Localization of the Magnetism by Element Selective Techniques. Nano Letters, 2008, 8, 661-667.	9.1	220



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127	Influence of the Si Substrate on the Transport and Magnetotransport Properties of Nanostructured Fe-Ag Thin Films. IEEE Transactions on Magnetics, 2008, 44, 2784-2787.	2.1	3
128	Single-Crystal Thin Films of SrFeO <sub>2</sub> and LaNiO <sub>2</sub> with Infinite-Layer Structures. Materials Research Society Symposia Proceedings, 2008, 1148, 1.	0.1	1
129	Single-crystal epitaxial thin films of SrFeO <sub>2</sub> with FeO <sub>2</sub> "infinite layers". Applied Physics Letters, 2008, 92, .	3.3	52
130	Development and Trial Measurements of Hard X-ray Photoelectron Emission Microscope. AIP Conference Proceedings, 2007, , .	0.4	2
131	Element-Specific Hard X-ray Micro-Magnetometry to Probe Anisotropy in Patterned Magnetic Films. AIP Conference Proceedings, 2007, , .	0.4	3
132	Sub-Nanosecond Time-Resolved Structural Measurements of the Phase-Change Alloy Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> . Japanese Journal of Applied Physics, 2007, 46, 3711-3714.	1.5	13
133	Ab initio x-ray absorption study of Mn K-edge XANES spectra in Mn <sub>3</sub> MC (M = Sn, Zn and Ga) compounds. Journal of Physics Condensed Matter, 2007, 19, 216214.	1.8	12
134	Study of 4 p Electronic States Related to Magnetic Phase Transition in Mn <sub>3</sub> MC (M=Zn and Ga) by X-ray Magnetic Circular Dichroism. Journal of the Physical Society of Japan, 2007, 76, 074716.	1.6	3
135	X-ray magnetic circular dichroism study of the decoupling of the magnetic ordering of the Er and Co sublattices in Er <sub>1-x</sub> Y <sub>x</sub> Co <sub>2</sub> systems. Physical Review B, 2007, 75, .	3.2	9
136	Relationship between the magnetic moment of Lu and the magnetic behavior of (Y <sub>1-y</sub> Lu <sub>y</sub> )(Co <sub>1-x</sub> Al <sub>x</sub> ) <sub>2</sub> from x-ray absorption spectroscopy and x-ray magnetic circular dichroism. Physical Review B, 2007, 75, .	3.2	4
137	Experimental evidence of pressure-induced suppression of the cobalt magnetic moment in ErCo <sub>2</sub> . Physical Review B, 2007, 75, .	3.2	19
138	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
139	Identifying Transition Metal Contribution to the Rare-Earth L <sub>2</sub> -Edge XMCD Spectra in R-T Intermetallics. AIP Conference Proceedings, 2007, , .	0.4	2
140	Magnetic Circular Dichroism of Resonant X-Ray Emission Spectroscopy Related to Er 2p → 4f Electric Quadrupolar Transition in Er <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . AIP Conference Proceedings, 2007, , .	0.4	1
141	X-Ray Induced Magnetic Phase Transition in CoW Cyanide Probed by XMCD. AIP Conference Proceedings, 2007, , .	0.4	1
142	Application of photoelectron emission microscopy (PEEM) to extraterrestrial materials. Surface Science, 2007, 601, 4764-4767.	1.9	7
143	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
144	XMCD study of the magnetic behavior of R(Al <sub>1-x</sub> Fex) <sub>2</sub> compounds. Journal of Magnetism and Magnetic Materials, 2007, 316, e425-e427.	2.3	1

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145	Annealing influence on the atomic ordering and magnetic moment in a Ni <sup>2+</sup> Mn <sup>2+</sup> Ga alloy. Journal of Magnetism and Magnetic Materials, 2007, 316, e610-e613.	2.3	20
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