

Kenta Amemiya

List of Publications by Year in descending order

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204
docs citations

204
times ranked

3478
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferrimagneticâ€“ferromagnetic phase transition in Mn ₄ N films favored by non-magnetic In doping. Journal Physics D: Applied Physics, 2022, 55, 115003.	2.8	7
2	Conceptual design of the Hybrid Ring with superconducting linac. Journal of Synchrotron Radiation, 2022, 29, 118-124.	2.4	5
3	Unveiling a Chemisorbed Crystallographically Heterogeneous Graphene/ <i>L</i> ₁₀ -FePd Interface with a Robust and Perpendicular Orbital Moment. ACS Nano, 2022, 16, 4139-4151.	14.6	10
4	Electron Correlation Enhances Orbital Polarization at a Ferromagnetic Metal/Insulator Interface: Depth-Resolved X-ray Magnetic Circular Dichroism and First-Principles Study. ACS Applied Electronic Materials, 2022, 4, 1794-1799.	4.3	5
5	Development of a versatile micro-focused angle-resolved photoemission spectroscopy system with Kirkpatrickâ€“Baez mirror optics. Review of Scientific Instruments, 2022, 93, 033906.	1.3	21
6	Origin of Magnetization in Silica-coated Fe ₃ O ₄ Nanoparticles Revealed by Soft X-ray Magnetic Circular Dichroism. Brazilian Journal of Physics, 2022, 52, .	1.4	27
7	<i>Operando</i> Observation of the Electrochemical Oxygen Evolution Reaction with a Co Oxide Catalyst Using Fluorescence-yield Wavelength-Dispersive Soft X-ray Absorption Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2022, 20, 119-123.	0.4	1
8	Study on FeCr thin film for a spintronic material with negative spin polarization. Journal of Magnetism and Magnetic Materials, 2022, 557, 169474.	2.3	4
9	Development of Fluorescence-yield Wavelength-dispersive Soft X-ray Absorption Spectroscopy for Real-time Observation of Surface Chemical Reaction. E-Journal of Surface Science and Nanotechnology, 2022, 20, 135-138.	0.4	2
10	Effect of Cr-substitution on vanadium dioxide thin films studied by soft X-ray magnetic circular dichroism. Journal of Alloys and Compounds, 2022, 918, 165515.	5.5	12
11	Electronic and Magnetic Properties of Chemical Solution Deposited BiFeO ₃ Thin Film: a Soft X-ray Magnetic Circular Dichroism Study. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1119-1124.	1.8	10
12	Formation and Behavior of Carbonates on Ag(110) in the Presence of Ethylene and Oxygen. Journal of Physical Chemistry C, 2021, 125, 9032-9037.	3.1	4
13	Real-Time Observation of Surface Chemical Reactions Proceeding in the Depth Direction by Wavelength-Dispersive Soft X-ray Absorption Spectroscopy. Nano Letters, 2021, 21, 7152-7158.	9.1	4
14	Direct evidence to control the magnetization in Fe ₃ O ₄ thin films by N ₂ ion implantation: a soft X-ray magnetic circular dichroism study. Journal of Sol-Gel Science and Technology, 2021, 99, 461-468.	2.4	7
15	Development of <i>Operando</i> Observation Technique of Electrochemical Reactions at the Solid-Liquid Interface by Fluorescence-yield Wavelength-dispersive Soft X-ray Absorption Spectroscopy. Chemistry Letters, 2021, 50, 1710-1713.	1.3	2
16	X-ray study of ferroic octupole order producing anomalous Hall effect. Nature Communications, 2021, 12, 5582.	12.8	10
17	Influence of epitaxial strain on the perpendicular magnetic anisotropy of Fe/MgO systems. Physical Review B, 2021, 104, .	3.2	5
18	Observation of spontaneous x-ray magnetic circular dichroism in a chiral antiferromagnet. Physical Review B, 2021, 104, .	3.2	8

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19	Three-dimensional chemical-state imaging with reflection-mode soft x-ray absorption spectroscopy. Review of Scientific Instruments, 2021, 92, 123702.	1.3	0
20	Graphene/Half-Metallic Heusler Alloy: A Novel Heterostructure toward High-Performance Graphene Spintronic Devices. Advanced Materials, 2020, 32, 1905734.	21.0	16
21	Orientation-Dependent Hindrance to the Oxidation of Pd-Au Alloy Surfaces. Journal of Physical Chemistry Letters, 2020, 11, 9249-9254.	4.6	6
22	Initial oxidation of GaAs(100) under near-realistic environments revealed by <i>in situ</i> AP-XPS. Chemical Communications, 2020, 56, 14905-14908.	4.1	4
23	Fabrication of a novel magnetic topological heterostructure and temperature evolution of its massive Dirac cone. Nature Communications, 2020, 11, 4821.	12.8	47
24	Development of fluorescence-yield wavelength-dispersive x-ray absorption spectroscopy in the soft x-ray region for time-resolved experiments. Review of Scientific Instruments, 2020, 91, 093104.	1.3	10
25	Magnetic reversal in rare-earth free Mn ₄ Ni _x N epitaxial films below and above Ni composition needed for magnetic compensation around room temperature. Journal of Applied Physics, 2020, 127, .	2.5	23
26	Magnetic compensation at two different composition ratios in rare-earth-free Mn_4N_x ferrimagnetic films. Physical Review Materials, 2020, 4, .	2.4	17
27	Bond-length mapping without two-dimensional scanning by means of photoemission electron microscopy-extended X-ray absorption fine structure measurement. Japanese Journal of Applied Physics, 2020, 59, 105504.	1.5	0
28	Formation of Carbonate on Ag(111) under Exposure to Ethylene and Oxygen Gases Evidenced by Near Ambient Pressure XPS and NEXAFS. Chemistry Letters, 2019, 48, 159-162.	1.3	16
29	Element-specific soft x-ray spectroscopy, scattering, and imaging studies of the skyrmion-hosting compound Co_3Mn_8 . Physical Review B, 2019, 99, .	3.2	29
30	Attempt to generate x-ray beam carrying orbital angular momentum in photon factory. AIP Conference Proceedings, 2019, , .	0.4	2
31	Development of sub-nanometer resolution depth-resolved XAFS/XMCD in the soft x-ray region towards operando measurements. AIP Conference Proceedings, 2019, , .	0.4	0
32	Measurements of Low-energy X-rays with a Detector Using a Plastic Scintillator and an MPPC. , 2019, , .		0
33	Direct observation of electronic structure change by resistance random access memory effect in amorphous alumina. AIP Advances, 2019, 9, .	1.3	1
34	Thermal dehydrogenation of n-alkane on Au(111) and Pt(111) surface. Surface Science, 2019, 681, 32-37.	1.9	2
35	Experimental evidence of orbital ferrimagnetism in $CoMnO_3$ (0001) epitaxial thin film. Physical Review Materials, 2019, 3, .	2.1	10
36	Observation of Twisted Magnetization at Ferromagnet/Antiferromagnet Interface by Means of Polarized Neutron Reflectivity and Soft X-ray Depth-resolved X-ray Magnetic Circular Dichroism. Hamon, 2019, 29, 22-27.	0.0	0

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37	Cyclic Voltammetry and <i>in situ</i> Infrared Reflection Absorption Spectroscopy on Kinetic Effect of Physisorbed Dioctadecylsulfide on a Cu-UPD Process on Au(111) Electrode Surface. E-Journal of Surface Science and Nanotechnology, 2018, 16, 60-65.	0.4	0
38	Irradiation effect on magnetic properties of FeRh thin films with energetic C60 cluster ion beam. AIP Advances, 2018, 8, 056433.	1.3	3
39	Interface-induced perpendicular magnetic anisotropy of Co nanoparticles on single-layer h-BN/Pt(111). Applied Physics Letters, 2018, 112, 022407.	3.3	6
40	Development of high signal-to-background ratio depth-resolved soft X-ray absorption spectroscopy by fluorescence energy selection. Japanese Journal of Applied Physics, 2018, 57, 120308.	1.5	0
41	Element selective oxidation on Rh-Pd bimetallic alloy surfaces. Physical Chemistry Chemical Physics, 2018, 20, 28419-28424.	2.8	3
42	Operando NAP-XPS Observation and Kinetics Analysis of NO Reduction over Rh(111) Surface: Characterization of Active Surface and Reactive Species. ACS Catalysis, 2018, 8, 11663-11670.	11.2	25
43	Origin of focused laser irradiation-induced enhancement of perpendicular magnetic anisotropy in Pt/Co/Pt thin films investigated by spatially resolved x-ray absorption spectroscopy. Journal of Applied Physics, 2018, 124, 123903.	2.5	3
44	Manipulation of magnetic properties of ferromagnetic Ni thin films grown on Cu(001) by antiferromagnetic NiO and effects of voltage application. Japanese Journal of Applied Physics, 2018, 57, 0902B3.	1.5	0
45	Effect of interface NiO layer on magnetism in Fe/BaTiO ₃ thin film. Japanese Journal of Applied Physics, 2018, 57, 0902B9.	1.5	2
46	Observation of an electric field-induced interface redox reaction and magnetic modification in GdO _x /Co thin film by means of depth-resolved X-ray absorption spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 20004-20009.	2.8	13
47	Effect of Electric Field on Magnetism of Ni Thin Films via Antiferromagnetic NiO. E-Journal of Surface Science and Nanotechnology, 2018, 16, 186-189.	0.4	3
48	X-Ray Magnetic Circular Dichroism. , 2018, , 827-831.		0
49	Operando Observation of NO Reduction by CO on Ir(111) Surface Using NAP-XPS and Mass Spectrometry: Dominant Reaction Pathway to N ₂ Formation under Near Realistic Conditions. Journal of Physical Chemistry C, 2017, 121, 1763-1769.	3.1	19
50	Demonstration of One-shot Spatially-resolved X-ray Absorption Spectroscopy Using Wavelength-dispersed Soft X-rays. Chemistry Letters, 2017, 46, 71-73.	1.3	0
51	Compression-Induced Conformation and Orientation Changes in an <i>n</i> -Alkane Monolayer on a Au(111) Surface. Langmuir, 2017, 33, 3934-3940.	3.5	13
52	Magnetic anisotropy of L1-ordered FePt thin films studied by Fe and Pt L _{2,3} -edges x-ray magnetic circular dichroism. Applied Physics Letters, 2017, 111, .	3.3	22
53	Nanometer-resolution depth-resolved measurement of fluorescence-yield soft x-ray absorption spectroscopy for FeCo thin film. Review of Scientific Instruments, 2017, 88, 083901.	1.3	14
54	Catalytic CO oxidation over Pd ₇₀ Au ₃₀ (111) alloy surfaces: spectroscopic evidence for Pd ensemble dependent activity. Chemical Communications, 2017, 53, 12657-12660.	4.1	4

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55	Effects of cobalt substitution in $\text{L}_{1-x}\text{Pt}_x$ thin films. Physical Review B, 2017, 96, .	0.4	0
56	Current status of BL-2B at photon factory. AIP Conference Proceedings, 2016, , .	0.4	1
57	Depth-resolved X-ray magnetic circular dichroism measurement by a multi-anode microchannel plate detector combined with polarization switching. Journal of Physics: Conference Series, 2016, 712, 012033.	0.4	0
58	Adsorption and Reaction of CO and NO on Ir(111) Under Near Ambient Pressure Conditions. Topics in Catalysis, 2016, 59, 487-496.	2.8	18
59	Formation of Co nanodisc with enhanced perpendicular magnetic anisotropy driven by Ga^+ ion irradiation on Pt/Co/Pt films. Physical Review B, 2016, 94, .	3.2	11
60	Anisotropic Growth of Palladium Induced by an n -Alkane Template on Au(111). Journal of Physical Chemistry C, 2016, 120, 5495-5502.	3.1	6
61	CO Adsorption on Pd-Au Alloy Surface: Reversible Adsorption Site Switching Induced by High-Pressure CO. Journal of Physical Chemistry C, 2016, 120, 416-421.	3.1	15
62	In situ analysis of catalytically active Pd surfaces for CO oxidation with near ambient pressure XPS. Catalysis Today, 2016, 260, 14-20.	4.4	44
63	Voltage-Induced Changes in Magnetism of FeCo/BaTiO_3 Thin Films Studied by X-Ray Absorption Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2015, 13, 465-468.	0.4	2
64	n -Alkane Monolayer on a Au(111) Template for Metal Growth. E-Journal of Surface Science and Nanotechnology, 2015, 13, 209-212.	0.4	1
65	Observation of Fe/BaTiO_3 Interface State by X-Ray Absorption Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2015, 13, 139-142.	0.4	6
66	Challenge for Real-Time and Real-Space Resolved Spectroscopy of Surface Chemical Reactions: Aiming at Trace of Irreversible and Inhomogeneous Reactions. Hyomen Kagaku, 2015, 36, 309-312.	0.0	0
67	High-Pressure NO-Induced Mixed Phase on Rh(111): Chemically Driven Replacement. Journal of Physical Chemistry C, 2015, 119, 3033-3039.	3.1	12
68	Surface electronic structures of lithium nickel oxide solid solutions: selective methane oxidation. Research on Chemical Intermediates, 2015, 41, 7405-7412.	2.7	2
69	Magnetic modification at sub-surface of FeRh bulk by energetic ion beam irradiation. Journal of Applied Physics, 2015, 117, 17E503.	2.5	3
70	In-situ XMCD evaluation of ferromagnetic state at FeRh thin film surface induced by 1 keV Ar ion beam irradiation and annealing. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 187-190.	1.4	1
71	In Situ High-Temperature NEXAFS Study on Carbon Nanotube and Graphene Formation by Thermal Decomposition of SiC. Journal of Physical Chemistry C, 2015, 119, 26698-26705.	3.1	4
72	Graphene nanoribbons formed from n -alkane by thermal dehydrogenation on Au(111) surface. Surface Science, 2015, 635, 44-48.	1.9	9

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73	<i>In situ</i> removal of carbon contamination from a chromium-coated mirror: ideal optics to suppress higher-order harmonics in the carbon K-edge region. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 1359-1363.	2.4	16
74	Structures of Fe Magnetic Ultrathin Films on Cu(001) Before and After CO Adsorption Revealed by EXAFS. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 084603.	1.6	4
75	Twisted magnetic structure in ferromagnetic ultrathin Ni films induced by magnetic anisotropy interaction with antiferromagnetic FeMn. <i>Physical Review B</i> , 2014, 89, .	3.2	14
76	Change in magnetic and structural properties of FeRh thin films by gold cluster ion beam irradiation with the energy of 1.67 MeV/atom. <i>Journal of Applied Physics</i> , 2014, 115, 17B722.	2.5	10
77	A near-ambient-pressure XPS study on catalytic CO oxidation reaction over a Ru(001) surface. <i>Surface Science</i> , 2014, 621, 128-132.	1.9	11
78	A high-pressure-induced dense CO overlayer on a Pt(111) surface: a chemical analysis using in situ near ambient pressure XPS. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23564-23567.	2.8	40
79	Anisotropic charge-transfer effects in the asymmetric Fe(CN) ₅ NO octahedron of sodium nitroprusside: a soft X-ray absorption spectroscopy study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 7031-7036.	2.8	21
80	Enhancement of perpendicular magnetic anisotropy by compressive strain in alternately layered FeNi thin films. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 166002.	1.8	3
81	Structure and Photo-Induced Charge Transfer of Pyridine Molecules Adsorbed on TiO ₂ (110): A NEXAFS and Core-Hole-Clock Study. <i>Electrochemistry</i> , 2014, 82, 341-345.	1.4	2
82	Buried Interface between N-alkane Thin Film and Monolayer Graphene Studied by Depth-Dependent C K-NEXAFS. <i>Journal of Physics: Conference Series</i> , 2014, 502, 012037.	0.4	0
83	Spin orientation transition across the single-layer graphene/nickel thin film interface. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5533.	5.5	32
84	Photoelectron spectroscopic study of CO and NO adsorption on Pd(100) surface under ambient pressure conditions. <i>Surface Science</i> , 2013, 615, 33-40.	1.9	15
85	X-ray absorption and magnetic circular dichroism characterization of Fe-doped thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 333, 130-133.	2.3	10
86	Separation of C K-NEXAFS spectra for layer-by-layer analysis of carbon-based thin films: An n-alkane monolayer adsorbed on a monolayer graphene substrate grown on a Pt(111) surface. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013, 189, 27-31.	1.7	2
87	In Situ Photoemission Observation of Catalytic CO Oxidation Reaction on Pd(110) under Near-Ambient Pressure Conditions: Evidence for the Langmuir-Hinshelwood Mechanism. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20617-20624.	3.1	26
88	Depth-dependent C K-NEXAFS spectra for self-assembled monolayers of 4-methylbenzenethiol and 4-ethylbenzenethiol on Au(111). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013, 187, 72-76.	1.7	11
89	Ar ⁺ ion milling-induced suppression of surface oxidation in Fe ₇₀ Co ₃₀ thin films. <i>Materials Chemistry and Physics</i> , 2013, 143, 281-285.	4.0	3
90	Proximity effects and exchange bias in Co/MnF ₂ (111) heterostructures studied by x-ray magnetic circular dichroism. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 046002.	1.8	15

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91	Temperature dependence of remanent magnetization of thin films at the interface to a nonmagnetic material: Cu/Ni/Cu(100). <i>Physical Review B</i> , 2013, 88, .	3.2	2
92	Phase Transition of $\text{In-C}_{36}\text{H}_{74}$ Monolayer on Pt(111) Covered with Monolayer Graphene Studied by C K-NEXAFS. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21856-21863.	3.1	7
93	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. <i>Journal of Physics: Conference Series</i> , 2013, 425, 202003.	0.4	7
94	Effect of structural strain on magnetic anisotropy energy of each element in alternately layered FeNi thin films. <i>Physical Review B</i> , 2013, 87, .	3.2	13
95	Fast polarization switching in the soft X-ray region at PF BL-16A. <i>Journal of Physics: Conference Series</i> , 2013, 425, 152015.	0.4	32
96	Performance of PF BL-13A, a vacuum ultraviolet and soft X-ray undulator beamline for studying organic thin films adsorbed on surfaces. <i>Journal of Physics: Conference Series</i> , 2013, 425, 152019.	0.4	65
97	Construction of a Wide-range High-resolution Beamline BL05 in NewSUBARU for Soft X-ray Spectroscopic Analysis on Industrial Materials. <i>Journal of Physics: Conference Series</i> , 2013, 425, 132005.	0.4	2
98	Operation of a fast polarization-switching source at the Photon Factory. <i>Journal of Physics: Conference Series</i> , 2013, 425, 132017.	0.4	22
99	Ga ⁺ ion irradiation-induced changes in magnetic anisotropy of a Pt/Co/Pt thin film studied by X-ray magnetic circular dichroism. <i>EPJ Web of Conferences</i> , 2013, 40, 08002.	0.3	1
100	Near-Edge X-Ray Absorption Fine Structure Study of Vertically Aligned Carbon Nanotubes Grown by the Surface Decomposition of SiC. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 055102.	1.5	5
101	Observation of magnetic moments at the interface region in magnetic tunnel junctions using depth-resolved x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2012, 85, .	3.2	12
102	Perpendicular magnetic anisotropy in a Pt/Co/Pt ultrathin film arising from a lattice distortion induced by ion irradiation. <i>Physical Review B</i> , 2012, 86, .	3.2	41
103	In situ removal of carbon contamination from optics in a vacuum ultraviolet and soft X-ray undulator beamline using oxygen activated by zeroth-order synchrotron radiation. <i>Journal of Synchrotron Radiation</i> , 2012, 19, 722-727.	2.4	32
104	Sub-nm resolution depth profiling of the chemical state and magnetic structure of thin films by a depth-resolved X-ray absorption spectroscopy technique. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10477.	2.8	32
105	Molecular orientation change during adsorption of NO and N ₂ O on Ir(111) observed by real-time wavelength-dispersive x-ray absorption spectroscopy with polarization switching. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	3
106	1D Hydrogen Bond Chain on Pt(211) Stepped Surface Observed by O K-NEXAFS Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 13980-13984.	3.1	19
107	Configuration-Interaction Full-Multiplet Calculation to Analyze the Electronic Structure of a Cyano-Bridged Coordination Polymer Electrode. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24896-24901.	3.1	26
108	In Situ Ambient Pressure XPS Study of CO Oxidation Reaction on Pd(111) Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18691-18697.	3.1	135

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109	Active Surface Oxygen for Catalytic CO Oxidation on Pd(100) Proceeding under Near Ambient Pressure Conditions. Journal of Physical Chemistry Letters, 2012, 3, 3182-3187.	4.6	67
110	Near-Edge X-Ray Absorption Fine Structure Study of Vertically Aligned Carbon Nanotubes Grown by the Surface Decomposition of SiC. Japanese Journal of Applied Physics, 2012, 51, 055102.	1.5	3
111	<i>In Situ</i> Observation of Magnetic Anisotropy Energy of Alternately Layered FeNi Thin Films. E-Journal of Surface Science and Nanotechnology, 2012, 10, 97-99.	0.4	0
112	XAFS and XMCD Spectra at the Surface and Interface of Ultrathin Films Observed by the Depth-Resolved XAFS/XMCD Technique. E-Journal of Surface Science and Nanotechnology, 2012, 10, 521-524.	0.4	1
113	Incommensurate Crystalline phase of <i>n</i> -Alkane Monolayers on Graphite (0001). Journal of Physical Chemistry C, 2011, 115, 5720-5725.	3.1	17
114	Initial stage of carbon nanotube formation process by surface decomposition of SiC: STM and NEXAFS study. Diamond and Related Materials, 2011, 20, 1325-1328.	3.9	9
115	Sub-nm resolution depth profiling of the magnetic structure of thin films by the depth-resolved x-ray magnetic circular dichroism technique. Journal Physics D: Applied Physics, 2011, 44, 064018.	2.8	1
116	Magnetic edge state and dangling bond state of nanographene in activated carbon fibers. Physical Review B, 2011, 84, .	3.2	35
117	Present Status of a New Vacuum Ultraviolet and Soft X-Ray Undulator Beamline BL-13A for the Study of Organic Thin Films Adsorbed on Surfaces. Journal of the Vacuum Society of Japan, 2011, 54, 580-584.	0.3	24
118	Effect of surface roughness on magnetism of ultrathin Co films. Journal of Physics: Conference Series, 2011, 266, 012020.	0.4	3
119	Orientation of <i>n</i> -alkane in thin films on graphite (0001) studied using C K-NEXAFS. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 257-260.	1.7	10
120	Resonant soft X-ray magnetic scattering study of magnetic structures in La _{1.5} Ca _{0.5} CoO ₄ . Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 224-226.	1.7	3
121	Electron delocalization in cyanide-bridged coordination polymer electrodes for Li-ion batteries studied by soft x-ray absorption spectroscopy. Physical Review B, 2011, 84, .	3.2	38
122	Real-time observation of CO oxidation reaction on Ir(111) surface at 33 ms resolution by means of wavelength-dispersive near-edge x-ray absorption fine structure spectroscopy. Applied Physics Letters, 2011, 99, .	3.3	16
123	NiO-like single layer formed on a Ni/Cu(001) thin film revealed by the depth-resolved x-ray absorption spectroscopy. Applied Physics Letters, 2011, 98, .	3.3	19
124	Observation of disorder-driven carrier localization by Auger resonant Raman scattering in n -type doped ZnO. Physical Review B, 2011, 83, .	3.2	6
125	Scanning photoelectron microscope for nanoscale three-dimensional spatial-resolved electron spectroscopy for chemical analysis. Review of Scientific Instruments, 2011, 82, 113701.	1.3	64
126	Element Specific Magnetic Anisotropy Energy of Alternately Layered FeNi Thin Films. Applied Physics Express, 2011, 4, 073002.	2.4	12

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127	Nano-Scale Characterization of Poly-Si Gate on High-k Gate Stack Structures by Scanning Photoemission Microscopy. E-Journal of Surface Science and Nanotechnology, 2011, 9, 224-227.	0.4	3
128	Commissioning of a Soft X-ray Beamline PF-BL-16A with a Variable-Included-Angle Varied-Line-Spacing Grating Monochromator. AIP Conference Proceedings, 2010, , .	0.4	55
129	Construction of a New VUV-Soft X-ray Undulator Beamline BL-13A in the Photon Factory for Study of Organic Thin Films and Biomolecules Adsorbed on Surfaces. AIP Conference Proceedings, 2010, , .	0.4	11
130	Observation of intermolecular N-H interaction during the growth of a 4-cyano-4'-iodobiphenyl molecular crystal on GeS(001). Surface Science, 2010, 604, 1100-1104.	1.9	3
131	NEXAFS study of the growth of 4-cyano-4'-iodobiphenyl molecular crystal on GeS(001). Journal of Electron Spectroscopy and Related Phenomena, 2010, 182, 51-56.	1.7	1
132	Magnetic states of Mn and Co atoms at $\text{Co}/\text{Mn}/\text{MnO}_2$ heterostructure seen via soft x-ray magnetic circular dichroism. Physical Review B, 2010, 82, .	3.2	28
133	Observation of magnetic edge state in graphene nanoribbons. Physical Review B, 2010, 81, .	3.2	132
134	Mechanism of Ammonia Formation on Rh(111) Studied by Dispersive Near-Edge X-ray Absorption Fine Structure Spectroscopy. Journal of Physical Chemistry C, 2010, 114, 2164-2170.	3.1	7
135	Magnetic and Film Structures of NO, CO Adsorbed Fe/Cu (001). Hyomen Kagaku, 2010, 31, 337-342.	0.0	0
136	Modification of Surface Magnetism by Molecular Adsorption on Magnetic Thin Films. Hyomen Kagaku, 2009, 30, 339-343.	0.0	0
137	Chemical Reactions on Platinum-Group Metal Surfaces Studied by Synchrotron-Radiation-Based Spectroscopy. Journal of the Vacuum Society of Japan, 2009, 52, 73-79.	0.3	2
138	Perpendicular magnetic anisotropy associated with strain relaxation in Ru/Co/Ru(0001): Anomalous relation of atomic and magnetic structures. Physical Review B, 2009, 80, .	3.2	12
139	Proton transfer in water-hydroxyl mixed overlayers on Pt(111): Combined approach of laser desorption and spatially-resolved X-ray photoelectron spectroscopy. Surface Science, 2009, 603, 1690-1695.	1.9	6
140	Mechanism of N + NO Reaction on Rh(111) Surfaces: A precursor-Mediated Reaction. Journal of Physical Chemistry C, 2009, 113, 13257-13265.	3.1	26
141	Depth profiling of magnetic and atomic structures of ultrathin films by depth-resolved XMCD and XAFS techniques with a sub-nm depth resolution. Journal of Physics: Conference Series, 2009, 190, 012108.	0.4	1
142	Surface antiferromagnetic coupling of Fe/Cu(001) induced by NO adsorption studied by means of depth-resolved XMCD method. Journal of Physics: Conference Series, 2009, 190, 012109.	0.4	1
143	Prospects of the Thin Film Study by Means of a Three-dimensional XAFS Technique. Hyomen Kagaku, 2009, 30, 11-15.	0.0	1
144	Developments and Future Prospects of the X-ray Magnetic Circular Dichroism Technique for Magnetic Thin Films using X-ray Microbeam. Journal of the Vacuum Society of Japan, 2009, 52, 606-611.	0.3	0

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145	Magnetization process of Co/Pd(111) thin films: Chemisorption-induced spin-reorientation transition. <i>Surface Science</i> , 2008, 602, 1999-2003.	1.9	6
146	Temperature Dependence of Competitive Reaction of Iodine Ions on H-Terminated Si(111) Surface in a Concentrated HI Solution. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19005-19011.	3.1	0
147	Proton Transfer in a Two-Dimensional Hydrogen-Bonding Network: Water and Hydroxyl on a Pt(111) Surface. <i>Physical Review Letters</i> , 2008, 100, 106101.	7.8	39
148	Electron correlation effects in Co nanoscale islands on a nitrogen-covered Cu(001) surface. <i>Physical Review B</i> , 2008, 77, .	3.2	4
149	Huge perpendicular magnetic anisotropy of Fe single layer and spin-reorientation transitions observed in Fe/Co/Pd(111) films. <i>Physical Review B</i> , 2008, 78, .	3.2	5
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