Kenta Amemiya

List of Publications by Year
in descending order

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203	3,292	147801	206112
papers	citations	31 h-index	48 g-index

204	204	204	3478
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorption of Thiolates to Singly Coordinated Sites on Au(111) Evidenced by Photoelectron Diffraction. Physical Review Letters, 2003, 90, 066102.	7.8	227
2	In Situ Ambient Pressure XPS Study of CO Oxidation Reaction on Pd(111) Surfaces. Journal of Physical Chemistry C, 2012, 116, 18691-18697.	3.1	135
3	Observation of magnetic edge state in graphene nanoribbons. Physical Review B, 2010, 81, .	3.2	132
4	Direct Determination of Interfacial Magnetic Moments with a Magnetic Phase Transition in Co Nanoclusters on Au(111). Physical Review Letters, 2001, 87, 257201.	7.8	120
5	A soft X-ray beamline for surface chemistry at the Photon Factory. Journal of Electron Spectroscopy and Related Phenomena, 2002, 124, 151-164.	1.7	84
6	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
7	Performance of PF BL-13A, a vacuum ultraviolet and soft X-ray undulator beamline for studying organic thin films adsorbed on surfaces. Journal of Physics: Conference Series, 2013, 425, 152019.	0.4	65
8	Scanning photoelectron microscope for nanoscale three-dimensional spatial-resolved electron spectroscopy for chemical analysis. Review of Scientific Instruments, 2011, 82, 113701.	1.3	64
9	Film growth and X-ray induced chemical reactions of thiophene adsorbed on Au(111). Surface Science, 2003, 530, 101-110.	1.9	60
10	Direct observation of magnetic depth profiles of thin Fe films on Cu(100) and Ni/Cu(100) with the depth-resolved x-ray magnetic circular dichroism. Applied Physics Letters, 2004, 84, 936-938.	3.3	59
11	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
12	Magnetism of an ultrathin Mn film on Co(100) and the effect of oxidation studied by x-ray magnetic circular dichroism. Physical Review B, 2001, 63, .	3.2	53
13	X-ray magnetic circular dichroism study of spin reorientation transitions of magnetic thin films induced by surface chemisorption. Physical Review B, 2002, 66, .	3.2	50
14	Fabrication of a novel magnetic topological heterostructure and temperature evolution of its massive Dirac cone. Nature Communications, 2020, 11, 4821.	12.8	47
15	Development of a depth-resolved x-ray magnetic circular dichroism: application to Fe/Cu(100) ultrathin films. Journal of Physics Condensed Matter, 2003, 15, S561-S571.	1.8	44
16	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
17	Reinterpretation of the MolecularO2Chemisorbate in the Initial Oxidation of theSi(111)7Ã—7Surface. Physical Review Letters, 2000, 85, 630-633.	7.8	43
18	Perpendicular magnetic anisotropy in a Pt/Co/Pt ultrathin film arising from a lattice distortion induced by ion irradiation. Physical Review B, 2012, 86, .	3.2	41

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19	Design of a Holographically Recorded Plane Grating with a Varied Line Spacing for a Soft X-ray Grazing-Incidence Monochromator. Journal of Synchrotron Radiation, 1996, 3, 282-288.	2.4	40
20	A high-pressure-induced dense CO overlayer on a Pt(111) surface: a chemical analysis using in situ near ambient pressure XPS. Physical Chemistry Chemical Physics, 2014, 16, 23564-23567.	2.8	40
21	Proton Transfer in a Two-Dimensional Hydrogen-Bonding Network: Water and Hydroxyl on a Pt(111) Surface. Physical Review Letters, 2008, 100, 106101.	7.8	39
22	Reaction-path switching induced by spatial-distribution change of reactants: CO oxidation on Pt(111). Journal of Chemical Physics, 2004, 121, 5035-5038.	3.0	38
23	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
24	Design of a variable-included-angle Monkâ€“Gillieson monochromator with varied-line-spacing gratings. Journal of Synchrotron Radiation, 2004, 11, 171-176.	2.4	37
25	Magnetic edge state and dangling bond state of nanographene in activated carbon fibers. Physical Review B, 2011, 84, .	3.2	35
26	OxygenK-edge x-ray-absorption fine-structure study of surface methoxy species on Cu(111) and Ni(111). Physical Review B, 1999, 59, 2307-2312.	3.2	34
27	A soft X-ray (80â€“1500â€…eV) grazing-incidence monochromator with varied-line-spacing plane gratings at PF-BL-11A. Journal of Synchrotron Radiation, 1998, 5, 729-731.	2.4	33
28	Spin-reorientation transition ofNiâ•Cu(100)andCOâ•Niâ•Cu(100): Separation of the surface and bulk components of the x-ray magnetic circular dichroism spectrum. Physical Review B, 2005, 71, .	3.2	33
29	Magnetic circular x-ray dichroism study ofLa1â˜xSrxCoO3. Physical Review B, 2000, 62, 4455-4458.	3.2	32
30	In situremoval of carbon contamination from optics in a vacuum ultraviolet and soft X-ray undulator beamline using oxygen activated by zeroth-order synchrotron radiation. Journal of Synchrotron Radiation, 2012, 19, 722-727.	2.4	32
31	Sub-nm resolution depth profiling of the chemical state and magnetic structure of thin films by a depth-resolved X-ray absorption spectroscopy technique. Physical Chemistry Chemical Physics, 2012, 14, 10477.	2.8	32
32	Spin orientation transition across the single-layer graphene/nickel thin film interface. Journal of Materials Chemistry C, 2013, 1, 5533.	5.5	32
33	Fast polarization switching in the soft X-ray region at PF BL-16A. Journal of Physics: Conference Series, 2013, 425, 152015.	0.4	32
34	Element-specific soft x-ray spectroscopy, scattering, and imaging studies of the skyrmion-hosting compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Co</mml:mi><mml:mn>8</mml:mn></mml: Physical Review B, 2019, 99, .	3.2	29
35	Magnetic states of Mn and Co atoms at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Co</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml: seen via soft x-ray magnetic circular dichroism. Physical Review B, 2010, 82, .	3.2	28
36	Mechanism of the CO oxidation reaction on O-precovered Pt(111) surfaces studied with near-edge x-ray absorption fine structure spectroscopy. Journal of Chemical Physics, 2005, 122, 134709.	3.0	27

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37	Origin of Magnetization in Silica-coated Fe3O4 Nanoparticles Revealed by Soft X-ray Magnetic Circular Dichroism. Brazilian Journal of Physics, 2022, 52, .	1.4	27
38	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
39	Configuration-Interaction Full-Multiplet Calculation to Analyze the Electronic Structure of a Cyano-Bridged Coordination Polymer Electrode. Journal of Physical Chemistry C, 2012, 116, 24896-24901.	3.1	26
40	In Situ Photoemission Observation of Catalytic CO Oxidation Reaction on Pd(110) under Near-Ambient Pressure Conditions: Evidence for the Langmuirâ€“Hinshelwood Mechanism. Journal of Physical Chemistry C, 2013, 117, 20617-20624.	3.1	26
41	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
42	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
43	Magnetic reversal in rare-earth free Mn4â€‰â^'â€‰xNixN epitaxial films below and above Ni composition needed for magnetic compensation around room temperature. Journal of Applied Physics, 2020, 127, .	2.5	23
44	Structural study of hexanethiolate on Au(111) in the â€˜stripedâ€™ phase. Chemical Physics Letters, 2005, 406, 232-236.	2.6	22
45	Operation of a fast polarization-switching source at the Photon Factory. Journal of Physics: Conference Series, 2013, 425, 132017.	0.4	22
46	Magnetic anisotropy of L1-ordered FePt thin films studied by Fe and Pt L2,3-edges x-ray magnetic circular dichroism. Applied Physics Letters, 2017, 111, .	3.3	22
47	Water formation reaction on Pt(111): Near edge x-ray absorption fine structure experiments and kinetic Monte Carlo simulations. Journal of Chemical Physics, 2003, 119, 9233-9241.	3.0	21
48	Spin reorientation transitions of studied by using the depth-resolved X-ray magnetic circular dichroism technique. Journal of Magnetism and Magnetic Materials, 2006, 302, 86-95.	2.3	21
49	Anisotropic charge-transfer effects in the asymmetric Fe(CN)₅NO octahedron of sodium nitroprusside: a soft X-ray absorption spectroscopy study. Physical Chemistry Chemical Physics, 2014, 16, 7031-7036.	2.8	21
50	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
51	Energy Dispersive Near Edge X-Ray Absorption Fine Structure in the Soft X-Ray Region: A New Technique to Investigate Surface Reactions. Japanese Journal of Applied Physics, 2001, 40, L718-L720.	1.5	20
52	Recent performance of the soft X-ray (70â€“1900 eV) bending magnet beamline 11A at the Photon Factory. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 927-929.	1.7	19
53	Anomalous magnetic phases inFeâ•Cu(001)ultrathin films induced by CO adsorption. Physical Review B, 2008, 77, .	3.2	19
54	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

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55	1D Hydrogen Bond Chain on Pt(211) Stepped Surface Observed by O K-NEXAFS Spectroscopy. Journal of Physical Chemistry C, 2012, 116, 13980-13984.	3.1	19
56	Operando Observation of NO Reduction by CO on Ir(111) Surface Using NAP-XPS and Mass Spectrometry: Dominant Reaction Pathway to N₂ Formation under Near Realistic Conditions. Journal of Physical Chemistry C, 2017, 121, 1763-1769.	3.1	19
57	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
58	K-edge magnetic circular dichroism of O in CO/Ni/Cu(001):â€ƒDependence on substrate magnetic anisotropy and its interpretation. Physical Review B, 2000, 62, 14191-14196.	3.2	17
59	Incommensurate Crystalline phase of n-Alkane Monolayers on Graphite (0001). Journal of Physical Chemistry C, 2011, 115, 5720-5725.	3.1	17
60	Magnetic compensation at two different composition ratios in rare-earth-free <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mrow><mml:mn>4</mml:mn><mml:mathvariant="normal">N</mml:mi></mml:mrow></mml:math> ferrimagnetic films. Physical Review Materials, 2020, 4, .	2.4	17
61	Fabrication of a varied-line-spacing plane grating with aspheric wavefront holographic recording for a new grazing incidence monochromator at the Photon Factory. , 1997, , .		16
62	Spin reorientation transitions of ultrathin Co/Pd(111) films induced by chemisorption: x-ray magnetic circular dichroism study. Journal of Physics Condensed Matter, 2003, 15, S537-S546.	1.8	16
63	Anomalous behavior of satellite features at the surface and interface in the NiL-edge x-ray absorption spectra. Physical Review B, 2005, 72, .	3.2	16
64	N+NO Reaction on Rh(111) Surfaces Studied with Fast Near-Edge X-ray Absorption Fine Structure Spectroscopy:Â Role of NO Dimer as an Extrinsic Precursor. Journal of Physical Chemistry B, 2006, 110, 25578-25581.	2.6	16
65	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
66	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
67	Graphene/Halfâ€Metallic Heusler Alloy: A Novel Heterostructure toward Highâ€Performance Graphene Spintronic Devices. Advanced Materials, 2020, 32, 1905734.	21.0	16
68	In situremoval of carbon contamination from a chromium-coated mirror: ideal optics to suppress higher-order harmonics in the carbonK-edge region. Journal of Synchrotron Radiation, 2015, 22, 1359-1363.	2.4	16
69	Unoccupied molecular orbitals of C60 molecules adsorbed on Si(001)-(2Ã—1) and Si(111)-(7Ã—7) surfaces studied by NEXAFS. Surface Science, 2002, 514, 337-342.	1.9	15
70	Photoelectron spectroscopic study of CO and NO adsorption on Pd(100) surface under ambient pressure conditions. Surface Science, 2013, 615, 33-40.	1.9	15
71	Proximity effects and exchange bias in Co/MnF₂(111) heterostructures studied by x-ray magnetic circular dichroism. Journal of Physics Condensed Matter, 2013, 25, 046002.	1.8	15
72	CO Adsorption on Pdâ€“Au Alloy Surface: Reversible Adsorption Site Switching Induced by High-Pressure CO. Journal of Physical Chemistry C, 2016, 120, 416-421.	3.1	15

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73	Direct observation of oscillatory behavior in the surface magnetization ofFethin films grown on aNiâˆ•Cu(100)film. Physical Review B, 2004, 70, .	3.2	14
74	Twisted magnetic structure in ferromagnetic ultrathin Ni films induced by magnetic anisotropy interaction with antiferromagnetic FeMn. Physical Review B, 2014, 89, .	3.2	14
75	Nanometer-resolution depth-resolved measurement of florescence-yield soft x-ray absorption spectroscopy for FeCo thin film. Review of Scientific Instruments, 2017, 88, 083901.	1.3	14
76	Thermal-dependent unoccupied electronic structure of a C 60 monolayer film adsorbed on a Si(111) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	13
77	Effect of structural strain on magnetic anisotropy energy of each element in alternately layered FeNi thin films. Physical Review B, 2013, 87, .	3.2	13
78	Compression-Induced Conformation and Orientation Changes in an n-Alkane Monolayer on a Au(111) Surface. Langmuir, 2017, 33, 3934-3940.	3.5	13
79	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
80	Observation of O K-Edge X-Ray Magnetic Circular Dichroism of CO Adsorbed on an Ultrathin Co/Cu(001) Film. Japanese Journal of Applied Physics, 2000, 39, L63-L65.	1.5	12
81	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
82	Element Specific Magnetic Anisotropy Energy of Alternately Layered FeNi Thin Films. Applied Physics Express, 2011, 4, 073002.	2.4	12
83	Observation of magnetic moments at the interface region in magnetic tunnel junctions using depth-resolved x-ray magnetic circular dichroism. Physical Review B, 2012, 85, .	3.2	12
84	High-Pressure NO-Induced Mixed Phase on Rh(111): Chemically Driven Replacement. Journal of Physical Chemistry C, 2015, 119, 3033-3039.	3.1	12
85	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
86	Surface structure of CO on Coâˆ•Pd(111) magnetic thin films and its effect on the spin reorientation transition of the film. Physical Review B, 2006, 73, .	3.2	11
87	Construction of a New VUVâˆ•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
88	Depth-dependent C K-NEXAFS spectra for self-assembled monolayers of 4-methylbenzenethiol and 4-ethylbenzenethiol on Au(111). Journal of Electron Spectroscopy and Related Phenomena, 2013, 187, 72-76.	1.7	11
89	Ambient-pressure XPS study on catalytic CO oxidation reaction over a Ru(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.9	11
90	Formation of Co nanodisc with enhanced perpendicular magnetic anisotropy driven by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi mathvariant="normal">Ga</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math> ion irradiation on Pt/Co/Pt films. Physical Review B, 2016, 94, .	3.2	11

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91	Orientation of n-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
92	X-ray absorption and magnetic circular dichroism characterization of Fe-doped thin films. Journal of Magnetism and Magnetic Materials, 2013, 333, 130-133.	2.3	10
93	Change in magnetic and structural properties of FeRh thin films by gold cluster ion beam irradiation with the energy of 1.67â€‰MeV/atom. Journal of Applied Physics, 2014, 115, 17B722.	2.5	10
94	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
95	Electronic and Magnetic Properties of Chemical Solution Deposited BiFeO3 Thin Film: a Soft X-ray Magnetic Circular Dichroism Study. Journal of Superconductivity and Novel Magnetism, 2021, 34, 1119-1124.	1.8	10
96	X-ray study of ferroic octupole order producing anomalous Hall effect. Nature Communications, 2021, 12, 5582.	12.8	10
97	Unveiling a Chemisorbed Crystallographically Heterogeneous Graphene/L1₀-FePd Interface with a Robust and Perpendicular Orbital Moment. ACS Nano, 2022, 16, 4139-4151.	14.6	10
98	OK-edge x-ray magnetic circular dichroism of atomic O adsorbed on an ultrathin Co/Cu(100) film: Comparison with molecular CO on Co/Cu(100). Physical Review B, 2001, 64, .	3.2	9
99	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
100	Graphene nanoribbons formed from n-alkane by thermal dehydrogenation on Au(111) surface. Surface Science, 2015, 635, 44-48.	1.9	9
101	Observation of spontaneous x-ray magnetic circular dichroism in a chiral antiferromagnet. Physical Review B, 2021, 104, .	3.2	8
102	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
103	Phase Transition of n-C₃₆H₇₄ Monolayer on Pt(111) Covered with Monolayer Graphene Studied by C K-NEXAFS. Journal of Physical Chemistry C, 2013, 117, 21856-21863.	3.1	7
104	Resonant soft X-ray scattering study of the magnetic structures in La_{1.5}Ca_{0.5}CoO₄ using a high vacuum diffractometer with a 4-blade-slit detector system. Journal of Physics: Conference Series, 2013, 425, 202003.	0.4	7
105	Direct evidence to control the magnetization in Fe3O4 thin films by N2 ion implantation: a soft X-ray magnetic circular dichroism study. Journal of Sol-Gel Science and Technology, 2021, 99, 461-468.	2.4	7
106	Ferrimagneticâ€“ferromagnetic phase transition in Mn₄N films favored by non-magnetic In doping. Journal Physics D: Applied Physics, 2022, 55, 115003.	2.8	7
107	Anisotropic magnetization of CO adsorbed on ferromagnetic metal thin films studied by X-ray magnetic circular dichroism. Journal of Electron Spectroscopy and Related Phenomena, 2001, 119, 207-214.	1.7	6
108	Magnetization process of Co/Pd(111) thin films: Chemisorption-induced spin-reorientation transition. Surface Science, 2008, 602, 1999-2003.	1.9	6

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109	Proton transfer in waterâ€“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
110	Observation of disorder-driven carrier localization by Auger resonant Raman scattering in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:math>-type doped ZnO. Physical Review B, 2011, 83, .	3.2	6
111	Observation of Fe/BaTiO₃Interface State by X-Ray Absorption Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2015, 13, 139-142.	0.4	6
112	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
113	Effects of cobalt substitution in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>L</mml:mi><mml:msub><mml:mn>1</mml:mn></mml:msub></mml:mrow></mml:math> -(Fe,Co)Pt thin films. Physical Review B, 2017, 96, .	3.2	6
114	Interface-induced perpendicular magnetic anisotropy of Co nanoparticles on single-layer h-BN/Pt(111). Applied Physics Letters, 2018, 112, 022407.	3.3	6
115	Orientation-Dependent Hindrance to the Oxidation of Pdâ€“Au Alloy Surfaces. Journal of Physical Chemistry Letters, 2020, 11, 9249-9254.	4.6	6
116	Structural Study of NO Adsorbed on the Reconstructed Pt(110)-(1 Ã— 2) Surface with X-ray Photoelectron Diffraction and Near-Edge X-ray Absorption Fine Structure Spectroscopy. Journal of Physical Chemistry B, 2006, 110, 20507-20512.	2.6	6
117	Experimental evidence of orbital ferrimagnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CoMnO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> (0001) epitaxial thin film. Physical Review Materials, 2019, 3, .	2.4	6
118	Two-Step Kirkpatrickâ€“Baez System: Compact Optics for X-ray Microfocusing. Japanese Journal of Applied Physics, 2007, 46, 3640-3643.	1.5	5
119	Huge perpendicular magnetic anisotropy of Fe single layer and spin-reorientation transitions observed in Fe/Co/Pd(111) films. Physical Review B, 2008, 78, .	3.2	5
120	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	5
121	Influence of epitaxial strain on the perpendicular magnetic anisotropy of Fe/MgO systems. Physical Review B, 2021, 104, .	3.2	5
122	Conceptual design of the Hybrid Ring with superconducting linac. Journal of Synchrotron Radiation, 2022, 29, 118-124.	2.4	5
123	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
124	Thermal effect in unoccupied molecular orbitals of C60molecules adsorbed on a Si(001)-(2 Ã— 1) surface studied by NEXAFS. Journal of Synchrotron Radiation, 2001, 8, 505-507.	2.4	4
125	Angle-, field-, temperature-, and size-dependent magnetic circular X-ray dichroism in Au/Co nanoclusters/Au(111). Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 107-115.	1.7	4
126	Electron correlation effects in Co nanoscale islands on a nitrogen-covered Cu(001) surface. Physical Review B, 2008, 77, .	3.2	4

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127	Structures of Fe Magnetic Ultrathin Films on Cu(001) Before and After CO Adsorption Revealed by EXAFS. Journal of the Physical Society of Japan, 2014, 83, 084603.	1.6	4
128	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
129	Catalytic CO oxidation over Pd₇₀Au₃₀(111) alloy surfaces: spectroscopic evidence for Pd ensemble dependent activity. Chemical Communications, 2017, 53, 12657-12660.	4.1	4
130	Initial oxidation of GaAs(100) under near-realistic environments revealed by in situ AP-XPS. Chemical Communications, 2020, 56, 14905-14908.	4.1	4
131	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
132	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
133	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
134	CO Induced Spin Reorientation Transition of CoPd111 Studied by XMCD and XPS. Physica Scripta, 2005, , 583.	2.5	3
135	Observation of intermolecular Nâ€“I interaction during the growth of a 4-cyano-4â€²-iodobiphenyl molecular crystal on GeS(001). Surface Science, 2010, 604, 1100-1104.	1.9	3
136	Effect of surface roughness on magnetism of ultrathin Co films. Journal of Physics: Conference Series, 2011, 266, 012020.	0.4	3
137	Resonant soft X-ray magnetic scattering study of magnetic structures in La1.5Ca0.5CoO4. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 224-226.	1.7	3
138	Molecular orientation change during adsorption of NO and N2O on Ir(111) observed by real-time wavelength-dispersive x-ray absorption spectroscopy with polarization switching. Applied Physics Letters, 2012, 101, .	3.3	3
139	Ar+ ion milling-induced suppression of surface oxidation in Fe70Co30 thin films. Materials Chemistry and Physics, 2013, 143, 281-285.	4.0	3
140	Enhancement of perpendicular magnetic anisotropy by compressive strain in alternately layered FeNi thin films. Journal of Physics Condensed Matter, 2014, 26, 166002.	1.8	3
141	Magnetic modification at sub-surface of FeRh bulk by energetic ion beam irradiation. Journal of Applied Physics, 2015, 117, 17E503.	2.5	3
142	Irradiation effect on magnetic properties of FeRh thin films with energetic C60 cluster ion beam. AIP Advances, 2018, 8, 056433.	1.3	3
143	Element selective oxidation on Rhâ€“Pd bimetallic alloy surfaces. Physical Chemistry Chemical Physics, 2018, 20, 28419-28424.	2.8	3
144	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

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