

# Tomohiro Matsushita

## List of Publications by Year in descending order

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237  
papers

6,848  
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101543

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71685

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239  
all docs

239  
docs citations

239  
times ranked

5719  
citing authors

#	ARTICLE	IF	CITATIONS
1	A compact X-ray free-electron laser emitting in the sub-Ångström region. <i>Nature Photonics</i> , 2012, 6, 540-544.	31.4	1,542
2	A compact free-electron laser for generating coherent radiation in the extreme ultraviolet region. <i>Nature Photonics</i> , 2008, 2, 555-559.	31.4	414
3	Origin of the metallic properties of heavily boron-doped superconducting diamond. <i>Nature</i> , 2005, 438, 647-650.	27.8	244
4	An X-ray scattering beamline for studying dynamics. <i>Journal of Physics and Chemistry of Solids</i> , 2000, 61, 461-465.	4.0	237
5	Performance of a very high resolution soft x-ray beamline BL25SU with a twin-helical undulator at SPring-8. <i>Review of Scientific Instruments</i> , 2000, 71, 3254-3259.	1.3	190
6	Beamline for Surface and Interface Structures at SPring-8. <i>Surface Review and Letters</i> , 2003, 10, 543-547.	1.1	140
7	Construction and commissioning of a 215-m-long beamline at SPring-8. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 682-685.	1.6	113
8	Multipurpose soft-material SAXS/WAXS/GISAXS beamline at SPring-8. <i>Polymer Journal</i> , 2011, 43, 471-477.	2.7	112
9	New soft X-ray beamline BL07LSU at SPring-8. <i>Journal of Synchrotron Radiation</i> , 2014, 21, 352-365.	2.4	110
10	Design of a beamline for the SPring-8 long undulator source 1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 678-681.	1.6	93
11	Long-Scale Jet Formation with Specularly Reflected Light in Ultraintense Laser-Plasma Interactions. <i>Physical Review Letters</i> , 2000, 84, 674-677.	7.8	78
12	First results from the actinide science beamline BL23SU at SPring-8. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 474, 253-258.	1.6	77
13	Performance of a Highly Stabilized and High-resolution Beamline BL17SU for Advanced Soft X-ray Spectroscopy at SPring-8. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	74
14	Photoelectron holography with improved image reconstruction. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010, 178-179, 195-220.	1.7	73
15	X-ray fluorescence holography. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 093201.	1.8	73
16	Fast ignitor research at the Institute of Laser Engineering, Osaka University. <i>Physics of Plasmas</i> , 2001, 8, 2268-2274.	1.9	72
17	Probing the valence band structure of $\text{CuO}$ using high-energy angle-resolved photoelectron spectroscopy. <i>Physical Review B</i> , 2007, 76, .	3.2	67
18	Atomic-Layer Resolved Magnetic and Electronic Structure Analysis of Ni Thin Film on a Cu(001) Surface by Diffraction Spectroscopy. <i>Physical Review Letters</i> , 2008, 100, 207201.	7.8	65

#	ARTICLE	IF	CITATIONS
19	Construction and Commissioning of A 248 m-long Beamline with X-ray Undulator Light Source. AIP Conference Proceedings, 2004, , .	0.4	64
20	Development of a soft X-ray magnetic circular dichroism spectrometer using a 1.9T electromagnet at BL25SU of SPring-8. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1035-1038.	1.7	62
21	Three-dimensional atomic-arrangement reconstruction from an Auger-electron hologram. Physical Review B, 2007, 75, .	3.2	60
22	Individual Atomic Imaging of Multiple Dopant Sites in As-Doped Si Using Spectro-Photoelectron Holography. Nano Letters, 2017, 17, 7533-7538.	9.1	60
23	Low-Energy Electronic Structure of the Kondo Insulator YbB12. Physical Review Letters, 1996, 77, 4269-4272.	7.8	58
24	Stable operation of a self-amplified spontaneous-emission free-electron laser in the extremely ultraviolet region. Physical Review Special Topics: Accelerators and Beams, 2009, 12, .	1.8	56
25	Reconstruction algorithm for atomic-resolution holography using translational symmetry. Physical Review B, 2008, 78, .	3.2	55
26	Construction of two-dimensional photoelectron spectrometer at SPring-8. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1493-1496.	1.6	52
27	Experimental station for multiscale surface structural analyses of soft-material films at SPring-8 via a GISWAX/GIXD/XR-integrated system. Polymer Journal, 2013, 45, 109-116.	2.7	51
28	Twin helical undulator beamline for soft X-ray spectroscopy at SPring-8. Journal of Synchrotron Radiation, 1998, 5, 542-544.	2.4	50
29	Impurity position and lattice distortion in a Mn-doped $\text{Bi}_2\text{Se}_3$ topological insulator investigated by x-ray fluorescence holography and x-ray absorption fine structure. Physical Review B, 2017, 96, .	3.2	50
30	Construction and Commissioning of BL37XU at SPring-8. AIP Conference Proceedings, 2004, , .	0.4	45
31	Early commissioning of the SPring-8 beamline for high resolution inelastic X-ray scattering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 627-630.	1.6	41
32	Three-dimensional spin orientation in antiferromagnetic domain walls of NiO studied by x-ray magnetic linear dichroism photoemission electron microscopy. Physical Review B, 2012, 85, .	3.2	39
33	Electronic states of charge-ordering $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ probed by photoemission. Physical Review B, 1999, 59, 15528-15532.	3.2	38
34	A new approach for three-dimensional atomic-image reconstruction from a single-energy photoelectron hologram. Europhysics Letters, 2004, 65, 207-213.	2.0	38
35	Principle and Reconstruction Algorithm for Atomic-Resolution Holography. Journal of the Physical Society of Japan, 2018, 87, 061002.	1.6	38
36	Electron holography: A maximum entropy reconstruction scheme. Europhysics Letters, 2005, 71, 597-603.	2.0	37

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37	Two-dimensional angular distribution of photoelectrons of single-crystal graphite. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 2715-2732.	1.8	36
38	<title>1-km beamline at SPring-8</title>. , 2001, , .		36
39	Visualization of graphite atomic arrangement by stereo atomscope. <i>Applied Physics Letters</i> , 2004, 85, 3737-3739.	3.3	36
40	3D Atomic Imaging by Internal-Detector Electron Holography. <i>Physical Review Letters</i> , 2011, 107, 045502.	7.8	36
41	Characterization of spectroscopic photoemission and low energy electron microscope using multipolarized soft x rays at BL17SU/SPring-8. <i>Review of Scientific Instruments</i> , 2007, 78, 066107.	1.3	34
42	In-plane positional correlations among dopants in 10H type long period stacking ordered Mg <sub>75</sub> Zn <sub>10</sub> Y <sub>15</sub> alloy studied by X-ray fluorescence holography. <i>Materialia</i> , 2018, 3, 256-259.	2.7	34
43	High-resolution soft x-ray photoelectron study of density of states and thermoelectric properties of the Heusler-type alloys(Fe <sub>2</sub> V <sub>1</sub> ) <sub>100</sub> Al <sub>y</sub> . <i>Physical Review B</i> , 2005, 71, .	3.2	33
44	New soft X-ray beamline BL07LSU for long undulator of SPring-8: Design and status. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 649, 58-60.	1.6	33
45	Upgrade of beamline BL25SU for soft x-ray imaging and spectroscopy of solid using nano- and micro-focused beams at SPring-8. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	33
46	Wide-angle display-type retarding field analyzer with high energy and angular resolutions. <i>Review of Scientific Instruments</i> , 2017, 88, 123106.	1.3	33
47	Dopant-site effect in superconducting diamond (111) studied by atomic stereophotography. <i>Applied Physics Letters</i> , 2007, 91, 251914.	3.3	32
48	Circular dichroism measurement of soft X-ray absorption using helicity modulation of helical undulator radiation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 1101-1103.	1.7	30
49	Site-Specific Orbital Angular Momentum Analysis of Graphite Valence Electron Using Photoelectron Forward Focusing Peaks. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 013705.	1.6	30
50	Element-Specific Magnetic Properties of Di-Erbium Er <sub>2</sub> @C <sub>82</sub> and Er <sub>2</sub> @C <sub>82</sub> Metallofullerenes: A Synchrotron Soft X-ray Magnetic Circular Dichroism Study. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6103-6109.	3.1	30
51	New XAFS beamline for structural and electronic dynamics of nanoparticle catalysts in fuel cells under operating conditions. <i>Journal of Physics: Conference Series</i> , 2013, 430, 012020.	0.4	29
52	Asymmetric Phosphorus Incorporation in Homoepitaxial P-Doped (111) Diamond Revealed by Photoelectron Holography. <i>Nano Letters</i> , 2019, 19, 5915-5919.	9.1	29
53	High-resolution resonance photoemission study of CeMX(M=Pt,Pd;X=P,As,Sb). <i>Physical Review B</i> , 2002, 65, .	3.2	28
54	Photoelectron structure factor and diffraction spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 195, 347-360.	1.7	28

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55	Development of an X-ray fluorescence holographic measurement system for protein crystals. Review of Scientific Instruments, 2016, 87, 063707.	1.3	28
56	Photoelectron Diffraction and Holographic Reconstruction of Graphite. Journal of the Physical Society of Japan, 2012, 81, 114604.	1.6	27
57	Atomic Image Reconstruction from Atomic Resolution Holography Using $l_1$ -Regularized Linear Regression. E-Journal of Surface Science and Nanotechnology, 2016, 14, 158-160.	0.4	27
58	High-resolution photoemission study of metallic, insulating, and superconducting BEDT-TTF salts. Physical Review B, 1997, 56, 9082-9090.	3.2	26
59	Bulk and surface electronic structures of CePdX (X=As,Sb) studied by $3d^{10}4f$ resonance photoemission. Physical Review B, 2000, 61, 4621-4628.	3.2	26
60	A hard X-ray nanospectroscopy station at SPring-8 BL39XU. Journal of Physics: Conference Series, 2013, 430, 012017.	0.4	25
61	Photoelectron Holographic Atomic Arrangement Imaging of Cleaved Bimetal-intercalated Graphite Superconductor Surface. Scientific Reports, 2016, 6, 36258.	3.3	25
62	Infrared beamline BL43IR at SPring-8: Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 441-444.	1.6	24
63	Stereo atomscope and diffraction spectroscopy—Atomic site specific property analysis. Journal of Electron Spectroscopy and Related Phenomena, 2010, 178-179, 221-240.	1.7	24
64	Construction and development of a time-resolved x-ray magnetic circular dichroism—photoelectron emission microscopy system using femtosecond laser pulses at BL25SU SPring-8. Review of Scientific Instruments, 2008, 79, 063903.	1.3	23
65	Development of display-type ellipsoidal mesh analyzer: Computational evaluation and experimental validation. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 382-398.	1.7	23
66	Features of atomic images reconstructed from photoelectron, Auger electron, and internal detector electron holography using SPEA-MEM. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 365-374.	1.7	23
67	Linear and circular dichroism in photoemission angular distribution from the valence band of $1T\text{-TaS}_2$ . Physical Review B, 1997, 56, 7687-7693.	3.2	22
68	Itinerant bulk $4f$ character of strongly valence-fluctuating CeRu <sub>2</sub> observed by high-resolution Ce $3d^{10}4f$ resonance photoemission. Solid State Communications, 2002, 121, 561-564.	1.9	22
69	SPring-8 BL36XU: Catalytic Reaction Dynamics for Fuel Cells. Journal of Physics: Conference Series, 2016, 712, 012142.	0.4	22
70	Multiple-wavelength neutron holography with pulsed neutrons. Science Advances, 2017, 3, e1700294.	10.3	22
71	RISING beamline (BL28XU) for rechargeable battery analysis. Journal of Synchrotron Radiation, 2014, 21, 268-272.	2.4	22
72	Characteristic two-dimensional Fermi surface topology of high-T <sub>c</sub> iron-based superconductors. Scientific Reports, 2014, 4, 4381.	3.3	21

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73	Soft X-ray beamline for spectroscopy of solids at SPring-8. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 553-556.	1.6	20
74	Local structural analysis of In-doped Bi <sub>2</sub> Se <sub>3</sub> topological insulator using X-ray fluorescence holography. Surface and Interface Analysis, 2019, 51, 51-55.	1.8	20
75	Local structure and atomic dynamics in Fe <sub>2</sub> VAl Heusler-type thermoelectric material: The effect of heavy element doping. Physical Review B, 2020, 101, .	3.2	20
76	Electronic structures of Mn <sub>2</sub> Sb and MnAlGe: Photoemission and inverse photoemission spectroscopy. Solid State Communications, 1992, 81, 707-710.	1.9	19
77	First operation of circular dichroism measurements with periodic photon-helicity switching by a variably polarizing undulator at BL23SU at SPring-8. Review of Scientific Instruments, 2001, 72, 3191-3197.	1.3	19
78	Element Assignment for Three-Dimensional Atomic Imaging by Photoelectron Holography. Journal of the Physical Society of Japan, 2013, 82, 114005.	1.6	19
79	A valence-selective X-ray fluorescence holography study of an yttrium oxide thin film. Journal of Applied Crystallography, 2017, 50, 1583-1589.	4.5	19
80	Study of laser-imploded core plasmas with an advanced Kirkpatrick-Baez x-ray microscope. Review of Scientific Instruments, 1997, 68, 824-827.	1.3	17
81	Angle-resolved photoemission study of Ni-intercalated 1T-TiS <sub>2</sub> . Physical Review B, 1999, 60, 1678-1686.	3.2	17
82	Holographic Reconstruction of Photoelectron Diffraction and Its Circular Dichroism for Local Structure Probing. Journal of the Physical Society of Japan, 2018, 87, 061004.	1.6	17
83	Local structural analysis of Pb(Fe <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> multiferroic material using X-ray fluorescence holography. Japanese Journal of Applied Physics, 2019, 58, 100601.	1.5	17
84	Photoemission and Absorption Spectroscopy of Mn <sub>2</sub> Sb, MnAlGe, Mn <sub>2</sub> As, Cr <sub>2</sub> As and Fe <sub>2</sub> As. Journal of the Physical Society of Japan, 1993, 62, 1624-1633.	1.6	16
85	Spin-resolved 3p and 3d-level photoemission spectra of ferromagnetic nickel. Physical Review B, 1995, 52, R11549-R11552.	3.2	16
86	ANGLE-RESOLVED PHOTOEMISSION SPECTROSCOPY AND MAGNETIC CIRCULAR DICHROISM IN Fe-INTERCALATED TiS <sub>2</sub> . Surface Review and Letters, 2002, 09, 961-966.	1.1	16
87	Hard-X-ray Photoelectron Diffraction from Si(001) Covered by a ~7-nm-Thick SiO <sub>2</sub> Layer. Applied Physics Express, 2010, 3, 056701.	2.4	16
88	Evolution of electronic states in the Kondo alloy system Yb <sub>1-x</sub> Lu <sub>x</sub> B <sub>12</sub> . Physical Review B, 1997, 56, 13727-13730.	3.2	15
89	High resolution photoemission study of CeRu <sub>2</sub> Si <sub>2</sub> . Solid State Communications, 1997, 103, 659-662.	1.9	15
90	Electronic structure of pyrite-type MnTe <sub>2</sub> studied by photoelectron spectroscopy. Physical Review B, 1998, 58, 13491-13497.	3.2	15

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91	Introduction of photoemission electron microscopes at SPring-8 for nanotechnology support. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S1363-S1370.	1.8	15
92	Correlation Between High Gas Sensitivity and Dopant Structure in W-doped ZnO. <i>Physical Review Applied</i> , 2017, 7, .	3.8	15
93	Selective Detection of Angular-Momentum-Polarized Auger Electrons by Atomic Stereography. <i>Physical Review Letters</i> , 2015, 114, 015501.	7.8	14
94	Algorithm for Atomic Resolution Holography Using Modified $L_1$ -Regularized Linear Regression and Steepest Descent Method. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1800091.	1.5	14
95	2p resonance photoemission and Auger features in NiS <sub>2</sub> and FeS <sub>2</sub> . <i>Physical Review B</i> , 1999, 60, 5049-5054.	3.2	13
96	Circular dichroism of forward focusing peaks and diffraction rings in 2 steradian Si 2p photoelectron pattern. <i>Applied Surface Science</i> , 2008, 254, 7549-7552.	6.1	13
97	Development of Display-Type Ellipsoidal Mesh Analyzer. <i>E-Journal of Surface Science and Nanotechnology</i> , 2011, 9, 311-314.	0.4	13
98	Site-Specific Stereograph of SiC(0001) Surface by Inverse Matrix Method. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 013601.	1.6	13
99	Observation and simulation of hard x ray photoelectron diffraction to determine polarity of polycrystalline zinc oxide films with rotation domains. <i>Journal of Applied Physics</i> , 2012, 111, 033525.	2.5	13
100	High resolution Ce 3d $f$ resonant photoemission study of CeNiSn and CePdSn. <i>Solid State Communications</i> , 1999, 111, 373-378.	1.9	12
101	Application of x-ray excited optical luminescence to x-ray standing wave method and atomic resolution holography. <i>Physical Review B</i> , 2007, 76, .	3.2	12
102	Reconstruction Algorithm for Atomic Resolution Holography. <i>E-Journal of Surface Science and Nanotechnology</i> , 2011, 9, 153-157.	0.4	12
103	Observation of Micro-Magnetic Structures by Synchrotron Radiation Photoelectron Emission Microscopy. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 021005.	1.6	12
104	Improvement of graphite crystal analyzer for light elements on X-ray fluorescence holography measurement. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 058006.	1.5	12
105	Negative Photoelectron Diffraction Replica in Secondary Electron Angular Distribution. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 013601.	1.6	12
106	Dynamics of Magnetostatically Coupled Vortices Observed by Time-Resolved Photoemission Electron Microscopy. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 053001.	1.5	12
107	Temperature-Dependent Change of Correlated Electronic States in Yb <sub>4</sub> As <sub>3</sub> and Yb <sub>4</sub> (As <sub>1-x</sub> Sb <sub>x</sub> ) <sub>3</sub> Probed by High Resolution Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 3552-3560.	1.6	11
108	Status of the Twin Helical Undulator Soft X-ray Beamline at SPring-8: Performance for Circular Dichroism Measurements. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	11

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109	A photodiode amplifier system for pulse-by-pulse intensity measurement of an x-ray free electron laser. Review of Scientific Instruments, 2012, 83, 043108.	1.3	11
110	Status of pump-probe time-resolved photoemission electron microscopy at SPring-8. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 389-394.	1.7	11
111	Depth resolved electronic structure of cuprate superconductor analyzed by two-dimensional X-ray Auger resonance emission spectroscopy. E-Journal of Surface Science and Nanotechnology, 2007, 5, 143-147.	0.4	11
112	Unoccupied electronic states and exchange splitting of M2As (M = Cr, Fe, Mn) and MnAlGe. Solid State Communications, 1993, 85, 901-905.	1.9	10
113	Local magnetic states in $\text{La}^{1-x}\text{Sr}_x\text{MnO}_3$ and $\text{Nd}^{1-x}\text{Sr}_x\text{MnO}_3$ . Physica B: Condensed Matter, 2000, 281-282, 498-499.	2.7	10
114	Mechanisms of Spontaneous Two-Electron Emission from Core-Excited States of Molecular CO. Physical Review Letters, 2008, 101, 183003.	7.8	10
115	Complete Assignment of Spin Domains in Antiferromagnetic NiO(100) by Photoemission Electron Microscopy and Cluster Model Calculation. Journal of the Physical Society of Japan, 2010, 79, 013703.	1.6	10
116	Doppler effect in fragment autoionization following core-to-Rydberg excitations of $\text{N}^{2+}$ . New Journal of Physics, 2010, 12, 063030.	2.9	10
117	Development of a soft X-ray angle-resolved photoemission system applicable to $100\text{ \AA}$ crystals. Journal of Synchrotron Radiation, 2011, 18, 879-884.	2.4	10
118	Local Clusters in a Distorted Rocksalt GeTe Crystal Found by X-ray Fluorescence Holography. Journal of the Physical Society of Japan, 2014, 83, 124602.	1.6	10
119	Stacking registry determination of graphene grown on the SiC(0001) by photoelectron holography. Surface Science, 2015, 635, 1-4.	1.9	10
120	Direct Imaging of Valence-Sensitive X-Ray Fluorescence Holograms of $\text{Fe}_3\text{O}_4$ . Physica Status Solidi (B): Basic Research, 2018, 255, 1800100.	1.5	10
121	Applications of a $L_1$ -Regularized Linear Regression to X-Ray Fluorescence Holography Data of Functional Materials. Physica Status Solidi (B): Basic Research, 2018, 255, 1800089.	1.5	10
122	Soft X-ray ARPES for three-dimensional crystals in the micrometre region. Journal of Synchrotron Radiation, 2021, 28, 1631-1638.	2.4	10
123	Resonance Photoemission Spectroscopy of Mn2As, Cr2As and Fe2As. Japanese Journal of Applied Physics, 1992, 31, L1767-L1770.	1.5	9
124	TWO-DIMENSIONAL CIRCULARLY-POLARIZED-LIGHT PHOTOELECTRON DIFFRACTION FOR THE ANALYSIS OF MAGNETIC AND ELECTRONIC PROPERTIES ON SURFACES. Surface Review and Letters, 2000, 07, 643-647.	1.1	9
125	Soft X-ray absorption spectra of ilmenite family. Journal of Synchrotron Radiation, 2001, 8, 907-909.	2.4	9
126	Application of atomic stereomicroscope to surface science. Progress in Surface Science, 2003, 71, 217-239.	8.3	9

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127	Near EF electronic structure of heavily boron-doped superconducting diamond. Journal of Physics and Chemistry of Solids, 2008, 69, 2978-2981.	4.0	9
128	Atomic-layer-resolved analysis of surface magnetism by diffraction spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2010, 181, 150-153.	1.7	9
129	Dynamics of Magnetostatically Coupled Vortices Observed by Time-Resolved Photoemission Electron Microscopy. Japanese Journal of Applied Physics, 2011, 50, 053001.	1.5	9
130	Characterizing Edge and Stacking Structures of Exfoliated Graphene by Photoelectron Diffraction. Japanese Journal of Applied Physics, 2013, 52, 110110.	1.5	9
131	Low-temperature catalyst activator: mechanism of dense carbon nanotube forest growth studied using synchrotron radiation. IUCr, 2014, 1, 221-227.	2.2	9
132	Temperature-dependent local atomic structures in the traditional Fe <sub>65</sub> Ni <sub>35</sub> Invar alloy by X-ray fluorescence holography. Surface and Interface Analysis, 2018, 50, 790-794.	1.8	9
133	Valence-Selective Local Atomic Structures on an YbInCu <sub>4</sub> Valence Transition Material by X-Ray Fluorescence Holography. Journal of the Physical Society of Japan, 2020, 89, 034603.	1.6	9
134	ANGLE-RESOLVED SOFT X-RAY PHOTOEMISSION FOR THE VALENCE BAND OF GRAPHITE. Surface Review and Letters, 2002, 09, 1321-1326.	1.1	8
135	Incident angle dependence of MCD at the Dy M <sub>5</sub> -edge of perpendicular magnetic DyxCo <sub>100</sub> ~x films. Journal of Alloys and Compounds, 2006, 408-412, 741-745.	5.5	8
136	Holographic Analysis of Incident Electron Beam Angular Distribution of Characteristic X-rays: Internal Detector Electron Holography. Journal of the Physical Society of Japan, 2006, 75, 053601.	1.6	8
137	Investigation of the near-surface structures of polar InN films by chemical-state-discriminated hard X-ray photoelectron diffraction. Applied Physics Letters, 2013, 102, .	3.3	8
138	X-ray fluorescence holography for soft matter. Japanese Journal of Applied Physics, 2020, 59, 010505.	1.5	8
139	Spherical micro-hole grid for high-resolution retarding field analyzer. Journal of Synchrotron Radiation, 2021, 28, 1669-1671.	2.4	8
140	Stereophotograph of InP(001) Surface. E-Journal of Surface Science and Nanotechnology, 2009, 7, 181-185.	0.4	8
141	High resolution resonance photoemission, XPS and inverse photoemission spectroscopy of CePdX (X =) Tj ETQq1 1,0,784314 rgBT /Ove	1.7	7
142	Soft x-ray magnetic circular dichroism study of [Co/Pd] multilayered perpendicular magnetic films. Journal of Applied Physics, 2004, 95, 7825-7831.	2.5	7
143	A Measurement System For Circular Dichroism In Soft X-ray Absorption Using Helicity Switching By Twin Helical Undulators. AIP Conference Proceedings, 2004, , .	0.4	7
144	Stereoscopic photographs of atomic arrangements in MoS <sub>2</sub> single-crystal. Applied Surface Science, 2004, 237, 612-616.	6.1	7

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145	Mapping of chemical bonding states of Ag/Si(111) with synchrotron radiation photo emission electron microscopy. <i>Surface and Interface Analysis</i> , 2008, 40, 1772-1776.	1.8	7
146	In situ positioning of a few hundred micrometer-sized cleaved surfaces for soft-x-ray angle-resolved photoemission spectroscopy by use of an optical microscope. <i>Review of Scientific Instruments</i> , 2009, 80, 053901.	1.3	7
147	Direct observation of spin configuration in an exchange coupled Fe/NiO(100) system by x-ray magnetic circular- and linear- dichroism photoemission electron microscope. <i>Journal of Applied Physics</i> , 2011, 110, 084306.	2.5	7
148	Local atomic configuration of graphene, buffer layer, and precursor layer on SiC(0001) by photoelectron diffraction. <i>Surface Science</i> , 2015, 632, 98-102.	1.9	7
149	Three-dimensional atomic arrangement around active/inactive dopant sites in boron-doped diamond. <i>Applied Physics Express</i> , 2018, 11, 061302.	2.4	7
150	Chemical and magnetic properties of polycrystalline iron surface revealed by Auger electron holography, spectroscopy, and microscopy. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 110602.	1.5	7
151	Data processing for atomic resolution holography. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 020502.	1.5	7
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