Yoshinori Nishino

List of Publications by Year
in descending order

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158 papers	5,663 citations	76326 40 h-index	79698 73 g-index
161 all docs	161 docs citations	161 times ranked	4923 citing authors

#	Article	IF	Citations
1	Breaking the 10â€‰nm barrier in hard-X-ray focusing. Nature Physics, 2010, 6, 122-125.	16.7	484
2	Imaging whole Escherichia coli bacteria by using single-particle x-ray diffraction. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 110-112.	7.1	280
3	Human mitotic chromosomes consist predominantly of irregularly folded nucleosome fibres without a 30-nm chromatin structure. EMBO Journal, 2012, 31, 1644-1653.	7.8	269
4	Three-Dimensional Visualization of a Human Chromosome Using Coherent X-Ray Diffraction. Physical Review Letters, 2009, 102, 018101.	7.8	266
5	Efficient focusing of hard x rays to 25nm by a total reflection mirror. Applied Physics Letters, 2007, 90, 051903.	3.3	203
6	Imaging live cell in micro-liquid enclosure by X-ray laser diffraction. Nature Communications, 2014, 5, 3052.	12.8	183
7	Nature of the Well Screened State in Hard X-Ray Mn2pCore-Level Photoemission Measurements ofLa1â^'xSrxMnO3Films. Physical Review Letters, 2004, 93, 236401.	7.8	141
8	Chromosomes without a 30-nm chromatin fiber. Nucleus, 2012, 3, 404-410.	2.2	137
9	Relative angle determinable stitching interferometry for hard x-ray reflective optics. Review of Scientific Instruments, 2005, 76, 045102.	1.3	119
10	Three-DimensionalGaNâ^'Ga2O3Core Shell Structure Revealed by X-Ray Diffraction Microscopy. Physical Review Letters, 2006, 97, 215503.	7.8	117
11	Single-nanometer focusing of hard x-rays by Kirkpatrickâ€“Baez mirrors. Journal of Physics Condensed Matter, 2011, 23, 394206.	1.8	117
12	Strong Valence Fluctuation in the Quantum Critical Heavy Fermion Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi><mml:mtext mathvariant="normal">â^'</mml:mtext><mml:msub><mml:mi>YbAlB</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>: A Hard X-Ray Photoemission Study. Physical Review Letters, 2010, 104, 247201.	7.8	104
13	Evidence for Suppressed Screening on the Surface of High TemperatureLa2â^'xSrxCuO4andNd2â^'xCexCuO4Superconductors. Physical Review Letters, 2005, 95, 177002.	7.8	100
14	Recoil effects of photoelectrons in a solid. Physical Review B, 2007, 75, .	3.2	99
15	Revisiting the Valence-Band and Core-Level Photoemission Spectra of NiO. Physical Review Letters, 2008, 100, 206401.	7.8	97
16	Hard X-ray Diffraction-Limited Nanofocusing with Kirkpatrick-Baez Mirrors. Japanese Journal of Applied Physics, 2005, 44, L539-L542.	1.5	95
17	Quantitative Image Reconstruction of GaN Quantum Dots from Oversampled Diffraction Intensities Alone. Physical Review Letters, 2005, 95, 085503.	7.8	93
18	Bulk screening in core-level photoemission from Mott-Hubbard and charge-transfer systems. Physical Review B, 2005, 71, .	3.2	91

#	Article	IF	Citations
19	Development of hard X-ray photoelectron spectroscopy at BL29XU in SPring-8. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 547, 50-55.	1.6	90
20	Photoemission evidence for a Mott-Hubbard metal-insulator transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>VO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msu Physical Review B, 2008, 78, .	3.2	90
21	Development of scanning x-ray fluorescence microscope with spatial resolution of 30nm using Kirkpatrick-Baez mirror optics. Review of Scientific Instruments, 2006, 77, 103102.	1.3	85
22	Fe3â^'xZnxO4 thin film as tunable high Curie temperature ferromagnetic semiconductor. Applied Physics Letters, 2006, 89, 242507.	3.3	84
23	Valence Transition ofYbInCu4Observed in Hard X-Ray Photoemission Spectra. Physical Review Letters, 2004, 93, 246404.	7.8	83
24	Electronic structures ofFe3â^'xMxO4(M=Mn,Zn)spinel oxide thin films investigated by x-ray photoemission spectroscopy and x-ray magnetic circular dichroism. Physical Review B, 2007, 76, .	3.2	83
25	Advances in X-ray scattering: from solution SAXS to achievements with coherent beams. Current Opinion in Structural Biology, 2012, 22, 670-678.	5.7	71
26	Element Array by Scanning X-ray Fluorescence Microscopy after Cis-Diamminedichloro-Platinum(II) Treatment. Cancer Research, 2005, 65, 4998-5002.	0.9	64
27	Evidence for a Correlated Insulator to Antiferromagnetic Metal Transition in CrN. Physical Review Letters, 2010, 104, 236404.	7.8	64
28	Fabrication of elliptically figured mirror for focusing hard x rays to size less than 50nm. Review of Scientific Instruments, 2005, 76, 063708.	1.3	63
29	At-wavelength figure metrology of hard x-ray focusing mirrors. Review of Scientific Instruments, 2006, 77, 063712.	1.3	63
30	Three-Dimensional Electron Density Mapping of Shape-Controlled Nanoparticle by Focused Hard X-ray Diffraction Microscopy. Nano Letters, 2010, 10, 1922-1926.	9.1	63
31	Image reconstruction of nanostructured nonperiodic objects only from oversampled hard x-ray diffraction intensities. Physical Review B, 2003, 68, .	3.2	59
32	High-resolution diffraction microscopy using the plane-wave field of a nearly diffraction limited focused x-ray beam. Physical Review B, 2009, 80, .	3.2	59
33	Recoil Effect of Photoelectrons in the Fermi Edge of Simple Metals. Physical Review Letters, 2008, 101, 137601.	7.8	57
34	Trace element mapping of a single cell using a hard xâ€ray nanobeam focused by a Kirkpatrickâ€Baez mirror system. X-Ray Spectrometry, 2009, 38, 89-94.	1.4	56
35	Focusing mirror for x-ray free-electron lasers. Review of Scientific Instruments, 2008, 79, 083104.	1.3	54
36	Phase retrieval from exactly oversampled diffraction intensity through deconvolution. Physical Review B, 2007, 75, .	3.2	51

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37	Bulk electronic structure ofNa0.35CoO2â‹…1.3H2O. Physical Review B, 2004, 69, .	3.2	49
38	Nanoscale Imaging of Mineral Crystals inside Biological Composite Materials Using X-Ray Diffraction Microscopy. Physical Review Letters, 2008, 100, 038103.	7.8	47
39	Synthesis of Janus-Like Gold Nanoparticles with Hydrophilic/Hydrophobic Faces by Surface Ligand Exchange and Their Self-Assemblies in Water. Langmuir, 2015, 31, 4054-4062.	3.5	47
40	Nearly diffraction-limited X-ray focusing with variable-numerical-aperture focusing optical system based on four deformable mirrors. Scientific Reports, 2016, 6, 24801.	3.3	41
41	Electronic structure of strained(La0.85Ba0.15)MnO3thin films with room-temperature ferromagnetism investigated by hard x-ray photoemission spectroscopy. Physical Review B, 2006, 73, .	3.2	40
42	Spectroscopic Evidence for Competing Reconstructions in Polar Multilayers<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaAlO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml Physical Review Letters, 2009, 102, 236401.	7.8	40
43	An X-ray BBB Michelson interferometer. Journal of Synchrotron Radiation, 2004, 11, 378-385.	2.4	39
44	Direct determination of the absolute electron density of nanostructured and disordered materials at sub-10-nm resolution. Physical Review B, 2003, 68, .	3.2	38
45	Direct determination of the wave field of an x-ray nanobeam. Physical Review A, 2008, 77, .	2.5	38
46	High-resolution projection image reconstruction of thick objects by hard x-ray diffraction microscopy. Physical Review B, 2010, 82, .	3.2	38
47	Yolk/Shell Assembly of Gold Nanoparticles by Size Segregation in Solution. Journal of the American Chemical Society, 2016, 138, 3274-3277.	13.7	37
48	Diffraction-limited two-dimensional hard-x-ray focusing at the 100nm level using a Kirkpatrick-Baez mirror arrangement. Review of Scientific Instruments, 2005, 76, 083114.	1.3	33
49	Hard X-ray core-level photoemission of V 2 O 3. Europhysics Letters, 2004, 68, 557-563.	2.0	32
50	Development of mirror manipulator for hard-x-ray nanofocusing at sub-50-nm level. Review of Scientific Instruments, 2006, 77, 093107.	1.3	32
51	Wavefront Control System for Phase Compensation in Hard X-ray Optics. Japanese Journal of Applied Physics, 2009, 48, 072503.	1.5	32
52	Hard x-ray photoemission study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">La</mml:mi><mml:mi mathvariant="normal">Al</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>â^•</mml:mo><mml:mi mathvariant="normal">La</mml:mi><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>multilayers.	3.2	31
53	Element-specific hard x-ray diffraction microscopy. Physical Review B, 2008, 78, .	3.2	29
54	Anomalous State Sandwiched between Fermi Liquid and Charge Ordered Mott-Insulating Phases of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ti</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2010, 104, 106401.	7.8	29

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55	Image quality improvement in a hard X-ray projection microscope using total reflection mirror optics. Journal of Synchrotron Radiation, 2004, 11, 343-346.	2.4	28
56	Quantum valence criticality in a correlated metal. Science Advances, 2018, 4, eaao3547.	10.3	28
57	One-dimensional Wolter optics with a sub-50 nm spatial resolution. Optics Letters, 2010, 35, 3583.	3.3	27
58	Approach for three-dimensional observation of mesoscopic precipitates in alloys by coherent x-ray diffraction microscopy. Applied Physics Letters, 2007, 90, 184105.	3.3	26
59	Feasibility study of high-resolution coherent diffraction microscopy using synchrotron x rays focused by Kirkpatrickâ€“Baez mirrors. Journal of Applied Physics, 2009, 105, 083106.	2.5	25
60	Coherent x-ray zoom condenser lens for diffractive and scanning microscopy. Optics Express, 2013, 21, 9267.	3.4	25
61	Nearly perfect large-area quartz: 4â€…meV resolution for 10â€…keV photons over 10â€…cm2. Journal of Synchrotron Radiation, 2006, 13, 278-280.	2.4	24
62	Combining photoemission and optical spectroscopies for reliable valence determination in YbS and Yb metal. Physical Review B, 2008, 78, .	3.2	24
63	Structure and photoemission spectroscopy of strain-controlled metal-insulator transition in NdNiO3 thin films. Journal of Applied Physics, 2009, 105, .	2.5	22
64	Time-Resolved Coherent Diffraction of Ultrafast Structural Dynamics in a Single Nanowire. Nano Letters, 2014, 14, 2413-2418.	9.1	20
65	Holographies and EXAFS in quantum electrodynamics. Physical Review B, 1999, 60, 15074-15083.	3.2	19
66	High resolution hard X-ray photoemission using synchrotron radiation as an essential tool for characterization of thin solid films. Applied Surface Science, 2006, 252, 5602-5606.	6.1	19
67	Wavefield characterization of nearly diffraction-limited focused hard x-ray beam with size less than 10 nm. Review of Scientific Instruments, 2010, 81, 123704.	1.3	19
68	Two-energy twin image removal in atomic-resolution x-ray holography. Physical Review B, 2002, 66, .	3.2	18
69	Hybridization of Cr3dâ€“N2pâ€“Ga4sin the wide band-gap diluted magnetic semiconductorGa1â^'xCrxN. Physical Review B, 2004, 70, .	3.2	18
70	Electronic structure of configuration vanadium oxides studied by soft X-ray and hard X-ray photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 421-425.	1.7	18
71	Coherent diffraction microscopy at SPring-8: instrumentation, data acquisition and data analysis. Journal of Synchrotron Radiation, 2011, 18, 293-298.	2.4	18
72	Temperature dependence of the exchange stiffness in FePd(001) thin films: Deviation from the empirical law<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>A</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>T</mml:mi><mml:mo>)</mml:mo></ intermediate temperatures. Physical Review B, 2008, 77, .	3.2	17

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73	Hard X-ray Photoemission Spectroscopy of Temperature-Induced Valence Transition in EuNi2(Si0.20Ge0.80)2. Journal of the Physical Society of Japan, 2004, 73, 2616-2619.	1.6	16
74	X-Ray Fluorescence Holography in Theory and Experiment. Physica Status Solidi (B): Basic Research, 1999, 215, 757-771.	1.5	15
75	A novel experimental technique for atomic X-ray holography. Journal of Synchrotron Radiation, 2000, 7, 274-279.	2.4	14
76	Electronic structure of semiconductingCeFe4P12: Strong hybridization and relevance of single-impurity Anderson model. Physical Review B, 2008, 77, .	3.2	13
77	3-D X-ray Diffraction Imaging with Nanoscale Resolution Using Incoherent Radiation. Nano Letters, 2007, 7, 1246-1250.	9.1	12
78	Photoemission Evidence for Valence Fluctuations and Kondo Resonance in YbAl₂. Journal of the Physical Society of Japan, 2012, 81, 073702.	1.6	12
79	Nano-resolution profiling of micro-structures using quantitative X-ray phase retrieval from Fraunhofer diffraction data. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 335, 494-498.	2.1	11
80	Hard X-ray core level photoemission of vanadium oxides. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 841-843.	1.7	11
81	How is it possible to obtain buried interface information through very thick films using a hard-X-ray PEEM?. Surface Science, 2007, 601, 4754-4757.	1.9	11
82	Temperature dependence of the electronic states of Kondo semiconductor YbB12. Physica B: Condensed Matter, 2004, 351, 286-288.	2.7	10
83	A novel probe of intrinsic electronic structure: hard X-ray photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1063-1065.	1.7	10
84	Effect of distorted illumination waves on coherent diffraction microscopy. Journal of Applied Physics, 2005, 98, 123105.	2.5	10
85	Time-resolved Bragg coherent X-ray diffraction revealing ultrafast lattice dynamics in nano-thickness crystal layer using X-ray free electron laser. Journal of the Ceramic Society of Japan, 2013, 121, 283-286.	1.1	10
86	Generation of apodized X-ray illumination and its application to scanning and diffraction microscopy. Journal of Synchrotron Radiation, 2017, 24, 142-149.	2.4	10
87	Photon interference x-ray absorption fine structure. Physical Review B, 2001, 64, .	3.2	9
88	Trace element mapping using a highâ€resolution scanning Xâ€ray fluorescence microscope equipped with a Kirkpatrickâ€Baez mirror system. Surface and Interface Analysis, 2008, 40, 1042-1045.	1.8	9
89	Femtosecond Snapshot Holography with Extended Reference Using Extreme Ultraviolet Free-Electron Laser. Applied Physics Express, 2010, 3, 102701.	2.4	9
90	XFEL coherent diffraction imaging for weakly scattering particles using heterodyne interference. AIP Advances, 2020, 10, .	1.3	9

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91	Extended knife-edge method for characterizing sub-10-nm X-ray beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 616, 246-250.	1.6	8
92	Coherent diffraction imaging of non-isolated object with apodized illumination. Optics Express, 2015, 23, 28182.	3.4	8
93	Hard X-ray photoemission study of Mn 2p core-levels of La1â^'xSrxMnO3 thin films. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 557-559.	1.7	7
94	Hard X-ray photoemission spectroscopy of YbInCu4. Physica B: Condensed Matter, 2004, 351, 298-300.	2.7	6
95	Study of adsorption states for lubricant molecule using hard X-ray photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 336-339.	1.7	6
96	Observation of electromigration in a Cu thin line by in situ coherent x-ray diffraction microscopy. Journal of Applied Physics, 2009, 105, 124911.	2.5	6
97	One-dimensional sub-10-nm hard X-ray focusing using laterally graded multilayer mirror. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 635, S16-S18.	1.6	6
98	Bonsu: the interactive phase retrieval suite. Journal of Applied Crystallography, 2012, 45, 840-843.	4.5	6
99	Extending the potential of x-ray free-electron lasers to industrial applicationsâ€”an initiatory attempt at coherent diffractive imaging on car-related nanomaterials. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 244008.	1.5	6
100	Pion-nucleon and kaon-nucleon scattering lengths in QCD sum rules. Physical Review C, 1996, 53, 1927-1935.	2.9	5
101	Temperature-induced valence transition in EuNi2(Si0.20Ge0.80)2 studied by hard X-ray photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 553-555.	1.7	5
102	Wave-optical and ray-tracing analysis to establish a compact two-dimensional focusing unit using K-B mirror arrangement. , 2004, , .		4
103	Hard x-ray nano-focusing at 40nm level using K-B mirror optics for nanoscopy/spectroscopy. , 2005, , .		4
104	First Application of X-ray Refraction-based Computed Tomography to a Biomedical Object. Zoological Science, 2006, 23, 809-813.	0.7	4
105	Hard X-ray photoemission spectroscopy of pyrochlore molybdenum oxides R2Mo2O7 (R=Sm, Tb). Physica B: Condensed Matter, 2006, 383, 152-154.	2.7	4
106	Nanoresolution profiling of metal-metal interfaces from x-ray Fraunhofer diffraction data. Applied Physics Letters, 2006, 88, 263113.	3.3	4
107	Methods for obtaining superresolution images in coherent x-ray diffraction microscopy. Physical Review A, 2007, 76, .	2.5	4
108	Micro-liquid enclosure array and its semi-automated assembling system for x-ray free-electron laser diffractive imaging of samples in solution. Review of Scientific Instruments, 2020, 91, 083706.	1.3	4

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109	Stability issues of the use of coherent x-rays. , 2003, , .		3
110	Microstitching interferometry for nanofocusing mirror optics. , 2004, , .		3
111	Hard-X-ray photoelectron spectroscopy of NaCoO.yHO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 547, 163-168.	1.6	3
112	Ir 4f hard X-ray photoemission spectrum of. Radiation Physics and Chemistry, 2006, 75, 2072-2075.	2.8	3
113	High Resolution Hard X-ray Photoemission Spectroscopy at SPring-8: Basic Performance and Characterization. AIP Conference Proceedings, 2007, , .	0.4	3
114	Development of adaptive mirror for wavefront correction of hard x-ray nanobeam. , 2008, , .		3
115	Quantifying covalency and metallicity in correlated compounds undergoing metal-insulator transitions. Physical Review B, 2013, 87, .	3.2	3
116	Design of a liquid cell toward three-dimensional imaging of unidirectionally-aligned particles in solution using X-ray free-electron lasers. Physical Chemistry Chemical Physics, 2020, 22, 2622-2628.	2.8	3
117	Theory of photon interference X-ray absorption fine structure. Journal of Synchrotron Radiation, 2001, 8, 204-206.	2.4	2
118	Photon interference effect in x-ray absorption spectra over a wide energy range. Physical Review B, 2002, 66, .	3.2	2
119	Fabrication technology of ultraprecise mirror optics to realize hard x-ray nanobeam. , 2004, , .		2
120	Application of quantitative X-ray phase retrieval from Fraunhofer diffraction data to nano-resolution profiling of materials. Optics Communications, 2005, 251, 100-108.	2.1	2
121	Electronic structure of the Ga1â^'xCrxN studied by high-energy photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 561-564.	1.7	2
122	Application of x-ray computed tomography based on the refraction contrast to biomedicine. , 2006, , .		2
123	Xç·šå›žæŠ˜é¡•å¾®æ³•ã«ã‚ˆã‚‹ãƒŠãƒŽæ§‹é€ è§£æž• Materia Japan, 2006, 45, 99-105.	0.1	2
124	Monochromator Stabilization System at SPring-8. AIP Conference Proceedings, 2007, , .	0.4	2
125	Coherent xâ€ray diffraction measurements of Cu thin lines. Surface and Interface Analysis, 2008, 40, 1046-1049.	1.8	2
126	Novel Scheme of Figure-Error Correction for X-ray Nanofocusing Mirror. Japanese Journal of Applied Physics, 2009, 48, 096507.	1.5	2

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127	Development of Multilayer Focusing Mirror System for XFEL CDI Experiments of Biological Particles. Microscopy and Microanalysis, 2018, 24, 298-299.	0.4	2
128	Femtosecond X-ray Laser Reveals Intact Seaâ€“Island Structures of Metastable Solid-State Electrolytes for Batteries. Nano Letters, 2022, 22, 4603-4607.	9.1	2
129	THE SECOND MOMENT OF THE STRUCTURE FUNCTION FOR PSEUDOSCALAR MESONS IN QCD SUM RULES. International Journal of Modern Physics E, 1996, 05, 121-129.	1.0	1
130	Measurements of photon interference X-ray absorption fine structure (Ï€XAFS). Journal of Synchrotron Radiation, 2001, 8, 105-109.	2.4	1
131	High-spatial-resolution scanning x-ray fluorescence microscope with Kirkpatrick-Baez mirrors. , 2006, 6317, 324.		1
132	Hard X-ray Focusing less than 50nm for Nanoscopy/spectroscopy. AIP Conference Proceedings, 2007, , .	0.4	1
133	High-resolution photoemission study of the hybridization gap in the Kondo semiconductor CeRhAs. Journal of Magnetism and Magnetic Materials, 2007, 310, e57-e58.	2.3	1
134	Fabrication of a 400-mm-long mirror for focusing x-ray free-electron lasers to sub-100 nm. , 2008, , .		1
135	An experimental procedure for precise evaluation of electron density distribution of a nanostructured material by coherent x-ray diffraction microscopy. Review of Scientific Instruments, 2010, 81, 033707.	1.3	1
136	Simulation of single bio particles in XFEL coherent diffractionâ€“master curve for photon counts estimation. AIP Conference Proceedings, 2019, , .	0.4	1
137	Fabrication of Ultraprecisely Figured Elliptical Mirror for Nano-Focusing of Hard X-ray and Evaluation of Focusing Properties. Journal of the Japan Society for Precision Engineering Contributed Papers, 2005, 71, 1137-1140.	0.0	1
138	Nanostructure Anaysis using Coherent X-ray Diffraction. Nihon Kessho Gakkaishi, 2009, 51, 239-244.	0.0	1
139	At-wavelength figure metrology of total reflection mirrors in hard x-ray region. , 2006, , .		0
140	Hard X-ray photoemission spectroscopy for intrinsic electronic structure of strongly correlated electron systems. Physica B: Condensed Matter, 2006, 378-380, 1152-1153.	2.7	0
141	Fabrication of X-ray Mirror for Hard X-ray Diffraction Limited Nanofocusing. AIP Conference Proceedings, 2007, , .	0.4	0
142	Evaluation of In-Vacuum Imaging Plate Detector for X-Ray Diffraction Microscopy. AIP Conference Proceedings, 2007, , .	0.4	0
143	Development of a Scanning X-ray Fluorescence Microscope Using Size-Controllable Focused X-ray Beam from 50 to 1500nm. AIP Conference Proceedings, 2007, , .	0.4	0
144	Hard x-ray wavefront measurement and control for hard x-ray nanofocusing. , 2007, , .		0

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145	Hard X-ray and soft X-ray photoemission study of vanadium oxides. Journal of Magnetism and Magnetic Materials, 2007, 310, e289-e291.	2.3	0
146	Three-Dimensional Visualization of a Human Chromosome Using Coherent X-ray Diffraction. Seibutsu Butsuri, 2009, 49, 298-300.	0.1	0
147	Development of incident x-ray flux monitor for coherent x-ray diffraction microscopy. Journal of Physics: Conference Series, 2009, 186, 012060.	0.4	0
148	Nanostructure analysis by coherent hard X-ray diffraction. Journal of Physics: Conference Series, 2009, 186, 012056.	0.4	0
149	Stitching interferometric measurement system for hard x-ray nanofocusing mirrors. Journal of Physics: Conference Series, 2009, 186, 012080.	0.4	0
150	Two-dimensional measurement of focused hard X-ray beam profile using coherent X-ray diffraction of isolated nanoparticle. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 616, 266-269.	1.6	0
151	Coherent Imaging Using SACLA. Nihon Kessho Gakkaishi, 2017, 59, 18-23.	0.0	0
152	Focusing Hard X-rays to Sub-50 nm Size by Elliptically Figured Mirror. , 2005, , .		0
153	Stitching Interferometry for Surface Figure Measurement of X-ray Reflective Optics. , 2005, , .		0
154	Development of a Mirror Manipulator for Hard X-ray Microscopy with High Resolution. Journal of the Japan Society for Precision Engineering Contributed Papers, 2006, 72, 884-888.	0.0	0
155	Three-dimensional Imaging of Nanoscale Internal Structure by Coherent X-ray Diffraction Microscope. Materia Japan, 2007, 46, 827-827.	0.1	0
156	Visualization of cells and cell organelles using coherent X-ray diffraction. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s73-s73.	0.3	0
157	Hadron-Nucleon Scattering Lengths from QCD Sum Rules. Australian Journal of Physics, 1997, 50, 221.	0.6	0
158	Fabrication of Ultraprecisely Figured Mirror for Nano Focusing Hard-x-ray. , 2007, , 295-300.		0