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	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
2	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
3	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
4	XFEL coherent diffraction imaging for weakly scattering particles using heterodyne interference. AIP Advances, 2020, 10, .	1.3	9
5	Simulation of single bio particles in XFEL coherent diffractionâ€“master curve for photon counts estimation. AIP Conference Proceedings, 2019, , .	0.4	1
6	Quantum valence criticality in a correlated metal. Science Advances, 2018, 4, eaao3547.	10.3	28
7	Development of Multilayer Focusing Mirror System for XFEL CDI Experiments of Biological Particles. Microscopy and Microanalysis, 2018, 24, 298-299.	0.4	2
8	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
9	Coherent Imaging Using SACLA. Nihon Kessho Gakkaishi, 2017, 59, 18-23.	0.0	0
10	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
11	Yolk/Shell Assembly of Gold Nanoparticles by Size Segregation in Solution. Journal of the American Chemical Society, 2016, 138, 3274-3277.	13.7	37
12	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
13	Coherent diffraction imaging of non-isolated object with apodized illumination. Optics Express, 2015, 23, 28182.	3.4	8
14	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
15	Imaging live cell in micro-liquid enclosure by X-ray laser diffraction. Nature Communications, 2014, 5, 3052.	12.8	183
16	Time-Resolved Coherent Diffraction of Ultrafast Structural Dynamics in a Single Nanowire. Nano Letters, 2014, 14, 2413-2418.	9.1	20
17	Coherent x-ray zoom condenser lens for diffractive and scanning microscopy. Optics Express, 2013, 21, 9267.	3.4	25
18	Quantifying covalency and metallicity in correlated compounds undergoing metal-insulator transitions. Physical Review B, 2013, 87, .	3.2	3

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19	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
20	Chromosomes without a 30-nm chromatin fiber. Nucleus, 2012, 3, 404-410.	2.2	137
21	Photoemission Evidence for Valence Fluctuations and Kondo Resonance in YbAl₂. Journal of the Physical Society of Japan, 2012, 81, 073702.	1.6	12
22	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
23	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
24	Bonsu: the interactive phase retrieval suite. Journal of Applied Crystallography, 2012, 45, 840-843.	4.5	6
25	Coherent diffraction microscopy at SPring-8: instrumentation, data acquisition and data analysis. Journal of Synchrotron Radiation, 2011, 18, 293-298.	2.4	18
26	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
27	Single-nanometer focusing of hard x-rays by Kirkpatrickâ€“Baez mirrors. Journal of Physics Condensed Matter, 2011, 23, 394206.	1.8	117
28	Femtosecond Snapshot Holography with Extended Reference Using Extreme Ultraviolet Free-Electron Laser. Applied Physics Express, 2010, 3, 102701.	2.4	9
29	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
30	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
31	Breaking the 10â€‰nm barrier in hard-X-ray focusing. Nature Physics, 2010, 6, 122-125.	16.7	484
32	Evidence for a Correlated Insulator to Antiferromagnetic Metal Transition in CrN. Physical Review Letters, 2010, 104, 236404.	7.8	64
33	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
34	High-resolution projection image reconstruction of thick objects by hard x-ray diffraction microscopy. Physical Review B, 2010, 82, .	3.2	38
35	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
36	One-dimensional Wolter optics with a sub-50 nm spatial resolution. Optics Letters, 2010, 35, 3583.	3.3	27

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37	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
38	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
39	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
40	Three-Dimensional Visualization of a Human Chromosome Using Coherent X-ray Diffraction. Seibutsu Butsuri, 2009, 49, 298-300.	0.1	0
41	Structure and photoemission spectroscopy of strain-controlled metal-insulator transition in NdNiO3 thin films. Journal of Applied Physics, 2009, 105, .	2.5	22
42	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
43	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:mi Physical Review Letters, 2009, 102, 236401.	7.8	40
44	Wavefront Control System for Phase Compensation in Hard X-ray Optics. Japanese Journal of Applied Physics, 2009, 48, 072503.	1.5	32
45	Novel Scheme of Figure-Error Correction for X-ray Nanofocusing Mirror. Japanese Journal of Applied Physics, 2009, 48, 096507.	1.5	2
46	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
47	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
48	Three-Dimensional Visualization of a Human Chromosome Using Coherent X-Ray Diffraction. Physical Review Letters, 2009, 102, 018101.	7.8	266
49	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
50	Development of incident x-ray flux monitor for coherent x-ray diffraction microscopy. Journal of Physics: Conference Series, 2009, 186, 012060.	0.4	0
51	Nanostructure analysis by coherent hard X-ray diffraction. Journal of Physics: Conference Series, 2009, 186, 012056.	0.4	0
52	Stitching interferometric measurement system for hard x-ray nanofocusing mirrors. Journal of Physics: Conference Series, 2009, 186, 012080.	0.4	0
53	Nanostructure Anaysis using Coherent X-ray Diffraction. Nihon Kessho Gakkaishi, 2009, 51, 239-244.	0.0	1
54	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

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55	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
56	Coherent xâ€ray diffraction measurements of Cu thin lines. Surface and Interface Analysis, 2008, 40, 1046-1049.	1.8	2
57	Electronic structure of semiconductingCeFe4P12: Strong hybridization and relevance of single-impurity Anderson model. Physical Review B, 2008, 77, .	3.2	13
58	Nanoscale Imaging of Mineral Crystals inside Biological Composite Materials Using X-Ray Diffraction Microscopy. Physical Review Letters, 2008, 100, 038103.	7.8	47
59	Development of adaptive mirror for wavefront correction of hard x-ray nanobeam. , 2008, , .		3
60	Element-specific hard x-ray diffraction microscopy. Physical Review B, 2008, 78, .	3.2	29
61	Focusing mirror for x-ray free-electron lasers. Review of Scientific Instruments, 2008, 79, 083104.	1.3	54
62	Recoil Effect of Photoelectrons in the Fermi Edge of Simple Metals. Physical Review Letters, 2008, 101, 137601.	7.8	57
63	Direct determination of the wave field of an x-ray nanobeam. Physical Review A, 2008, 77, .	2.5	38
64	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
65	Combining photoemission and optical spectroscopies for reliable valence determination in YbS and Yb metal. Physical Review B, 2008, 78, .	3.2	24
66	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
67	Revisiting the Valence-Band and Core-Level Photoemission Spectra of NiO. Physical Review Letters, 2008, 100, 206401.	7.8	97
68	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
69	Fabrication of a 400-mm-long mirror for focusing x-ray free-electron lasers to sub-100 nm. , 2008, , .		1
70	Hard X-ray Focusing less than 50nm for Nanoscopy/spectroscopy. AIP Conference Proceedings, 2007, , .	0.4	1
71	Fabrication of X-ray Mirror for Hard X-ray Diffraction Limited Nanofocusing. AIP Conference Proceedings, 2007, , .	0.4	0
72	Evaluation of In-Vacuum Imaging Plate Detector for X-Ray Diffraction Microscopy. AIP Conference Proceedings, 2007, , .	0.4	0

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73	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
74	Monochromator Stabilization System at SPring-8. AIP Conference Proceedings, 2007, , .	0.4	2
75	High Resolution Hard X-ray Photoemission Spectroscopy at SPring-8: Basic Performance and Characterization. AIP Conference Proceedings, 2007, , .	0.4	3
76	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
77	Recoil effects of photoelectrons in a solid. Physical Review B, 2007, 75, .	3.2	99
78	Methods for obtaining superresolution images in coherent x-ray diffraction microscopy. Physical Review A, 2007, 76, .	2.5	4
79	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
80	Hard x-ray wavefront measurement and control for hard x-ray nanofocusing. , 2007, , .		0
81	Efficient focusing of hard x rays to 25nm by a total reflection mirror. Applied Physics Letters, 2007, 90, 051903.	3.3	203
82	3-D X-ray Diffraction Imaging with Nanoscale Resolution Using Incoherent Radiation. Nano Letters, 2007, 7, 1246-1250.	9.1	12
83	Phase retrieval from exactly oversampled diffraction intensity through deconvolution. Physical Review B, 2007, 75, .	3.2	51
84	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
85	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
86	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
87	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
88	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
89	Three-dimensional Imaging of Nanoscale Internal Structure by Coherent X-ray Diffraction Microscope. Materia Japan, 2007, 46, 827-827.	0.1	0
90	Fabrication of Ultraprecisely Figured Mirror for Nano Focusing Hard-x-ray. , 2007, , 295-300.		0

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91	First Application of X-ray Refraction-based Computed Tomography to a Biomedical Object. Zoological Science, 2006, 23, 809-813.	0.7	4
92	At-wavelength figure metrology of total reflection mirrors in hard x-ray region. , 2006, , .		0
93	Application of x-ray computed tomography based on the refraction contrast to biomedicine. , 2006, , .		2
94	High-spatial-resolution scanning x-ray fluorescence microscope with Kirkpatrick-Baez mirrors. , 2006, 6317, 324.		1
95	Xç·šå›žæŠ˜é¡•å¾®æ³•ã«ã‚ˆã‚‹ãƒŠãƒŽæ§‹é€ è§£æž• Materia Japan, 2006, 45, 99-105.	0.1	2
96	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
97	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
98	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
99	Hard X-ray photoemission spectroscopy of pyrochlore molybdenum oxides R2Mo2O7 (R=Sm, Tb). Physica B: Condensed Matter, 2006, 383, 152-154.	2.7	4
100	Ir 4f hard X-ray photoemission spectrum of. Radiation Physics and Chemistry, 2006, 75, 2072-2075.	2.8	3
101	At-wavelength figure metrology of hard x-ray focusing mirrors. Review of Scientific Instruments, 2006, 77, 063712.	1.3	63
102	Fe3â^'xZnxO4 thin film as tunable high Curie temperature ferromagnetic semiconductor. Applied Physics Letters, 2006, 89, 242507.	3.3	84
103	Development of mirror manipulator for hard-x-ray nanofocusing at sub-50-nm level. Review of Scientific Instruments, 2006, 77, 093107.	1.3	32
104	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
105	Nanoresolution profiling of metal-metal interfaces from x-ray Fraunhofer diffraction data. Applied Physics Letters, 2006, 88, 263113.	3.3	4
106	Three-DimensionalGaNâ^'Ga2O3Core Shell Structure Revealed by X-Ray Diffraction Microscopy. Physical Review Letters, 2006, 97, 215503.	7.8	117
107	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
108	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

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109	Hard x-ray nano-focusing at 40nm level using K-B mirror optics for nanoscopy/spectroscopy. , 2005, , .		4
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	Hard X-ray core level photoemission of vanadium oxides. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 841-843.	1.7	11
119	Relative angle determinable stitching interferometry for hard x-ray reflective optics. Review of Scientific Instruments, 2005, 76, 045102.	1.3	119
120	Quantitative Image Reconstruction of GaN Quantum Dots from Oversampled Diffraction Intensities Alone. Physical Review Letters, 2005, 95, 085503.	7.8	93
121	Effect of distorted illumination waves on coherent diffraction microscopy. Journal of Applied Physics, 2005, 98, 123105.	2.5	10
122	Evidence for Suppressed Screening on the Surface of High TemperatureLa2â^'xSrxCuO4andNd2â^'xCexCuO4Superconductors. Physical Review Letters, 2005, 95, 177002.	7.8	100
123	Bulk screening in core-level photoemission from Mott-Hubbard and charge-transfer systems. Physical Review B, 2005, 71, .	3.2	91
124	Element Array by Scanning X-ray Fluorescence Microscopy after Cis-Diamminedichloro-Platinum(II) Treatment. Cancer Research, 2005, 65, 4998-5002.	0.9	64
125	Hard X-ray Diffraction-Limited Nanofocusing with Kirkpatrick-Baez Mirrors. Japanese Journal of Applied Physics, 2005, 44, L539-L542.	1.5	95
126	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

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127	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
128	Focusing Hard X-rays to Sub-50 nm Size by Elliptically Figured Mirror. , 2005, , .		0
129	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
130	Stitching Interferometry for Surface Figure Measurement of X-ray Reflective Optics. , 2005, , .		0
131	Hybridization of Cr3dâ€“N2pâ€“Ga4sin the wide band-gap diluted magnetic semiconductorGa1âˆ’xCrxN. Physical Review B, 2004, 70, .	3.2	18
132	Valence Transition ofYbInCu4Observed in Hard X-Ray Photoemission Spectra. Physical Review Letters, 2004, 93, 246404.	7.8	83
133	Nature of the Well Screened State in Hard X-Ray Mn2pCore-Level Photoemission Measurements ofLa1âˆ’xSrxMnO3Films. Physical Review Letters, 2004, 93, 236401.	7.8	141
134	Hard X-ray core-level photoemission of V 2 O 3. Europhysics Letters, 2004, 68, 557-563.	2.0	32
135	Hard X-ray photoemission spectroscopy of YbInCu4. Physica B: Condensed Matter, 2004, 351, 298-300.	2.7	6
136	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
137	An X-ray BBB Michelson interferometer. Journal of Synchrotron Radiation, 2004, 11, 378-385.	2.4	39
138	Temperature dependence of the electronic states of Kondo semiconductor YbB12. Physica B: Condensed Matter, 2004, 351, 286-288.	2.7	10
139	Bulk electronic structure ofNa0.35CoO2â‹…1.3H2O. Physical Review B, 2004, 69, .	3.2	49
140	Fabrication technology of ultraprecise mirror optics to realize hard x-ray nanobeam. , 2004, , .		2
141	Wave-optical and ray-tracing analysis to establish a compact two-dimensional focusing unit using K-B mirror arrangement. , 2004, , .		4
142	Microstitching interferometry for nanofocusing mirror optics. , 2004, , .		3
143	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
144	Image reconstruction of nanostructured nonperiodic objects only from oversampled hard x-ray diffraction intensities. Physical Review B, 2003, 68, .	3.2	59

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145	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
146	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
147	Stability issues of the use of coherent x-rays. , 2003, , .		3
148	Photon interference effect in x-ray absorption spectra over a wide energy range. Physical Review B, 2002, 66, .	3.2	2
149	Two-energy twin image removal in atomic-resolution x-ray holography. Physical Review B, 2002, 66, .	3.2	18
150	Theory of photon interference X-ray absorption fine structure. Journal of Synchrotron Radiation, 2001, 8, 204-206.	2.4	2
151	Measurements of photon interference X-ray absorption fine structure (Ï€XAFS). Journal of Synchrotron Radiation, 2001, 8, 105-109.	2.4	1
152	Photon interference x-ray absorption fine structure. Physical Review B, 2001, 64, .	3.2	9
153	A novel experimental technique for atomic X-ray holography. Journal of Synchrotron Radiation, 2000, 7, 274-279.	2.4	14
154	Holographies and EXAFS in quantum electrodynamics. Physical Review B, 1999, 60, 15074-15083.	3.2	19
155	X-Ray Fluorescence Holography in Theory and Experiment. Physica Status Solidi (B): Basic Research, 1999, 215, 757-771.	1.5	15
156	Hadron-Nucleon Scattering Lengths from QCD Sum Rules. Australian Journal of Physics, 1997, 50, 221.	0.6	0
157	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
158	Pion-nucleon and kaon-nucleon scattering lengths in QCD sum rules. Physical Review C, 1996, 53, 1927-1935.	2.9	5