List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	X-ray Fourier transform holography with beamshaping optical elements. Optics Express, 2022, 30, 15566-15574.	3.4	3
2	Intracellular optical probing with gold nanostars. Nanoscale, 2021, 13, 968-979.	5.6	20
3	Single cell temperature probed by Eu <sup>+3</sup> doped TiO <sub>2</sub> nanoparticles luminescence. Nano Select, 2021, 2, 1208-1217.	3.7	3
4	Niemann Pick C2 protein enables cholesterol transfer from endo-lysosomes to the plasma membrane for efflux by shedding of extracellular vesicles. Chemistry and Physics of Lipids, 2021, 235, 105047.	3.2	21
5	Probing the Intracellular Bio-Nano Interface in Different Cell Lines with Gold Nanostars. Nanomaterials, 2021, 11, 1183.	4.1	6
6	Insight into diatom frustule structures using various imaging techniques. Scientific Reports, 2021, 11, 14555.	3.3	12
7	Nd3+-Doped TiO2 Nanoparticles as Nanothermometer: High Sensitivity in Temperature Evaluation inside Biological Windows. Sensors, 2021, 21, 5306.	3.8	3
8	Influence of Nuclear Localization Sequences on the Intracellular Fate of Gold Nanoparticles. ACS Nano, 2021, 15, 14838-14849.	14.6	14
9	The in-vivo Mode of Action of Quinoline Antimalarial Drugs Unveiled by X-ray Microscopy. Microscopy and Microanalysis, 2020, 26, 3004-3006.	0.4	0
10	Relating the composition and interface interactions in the hard corona of gold nanoparticles to the induced response mechanisms in living cells. Nanoscale, 2020, 12, 17450-17461.	5.6	17
11	Fine Control of the Chemistry of Nitrogen Doping in TiO <sub>2</sub> : A Joint Experimental and Theoretical Study. Journal of Physical Chemistry C, 2020, 124, 17401-17412.	3.1	17
12	The need to freeze—Dehydration during specimen preparation for electron microscopy collapses the endothelial glycocalyx regardless of fixation method. Microcirculation, 2020, 27, e12643.	1.8	10
13	Cells Undergo Major Changes in the Quantity of Cytoplasmic Organelles after Uptake of Gold Nanoparticles with Biologically Relevant Surface Coatings. ACS Nano, 2020, 14, 2248-2264.	14.6	31
14	Optical Nanosensing of Lipid Accumulation due to Enzyme Inhibition in Live Cells. ACS Nano, 2019, 13, 9363-9375.	14.6	31
15	X-ray tomography shows the varying three-dimensional morphology of gold nanoaggregates in the cellular ultrastructure. Nanoscale Advances, 2019, 1, 2937-2945.	4.6	14
16	Soft X-ray nanoscale imaging using a sub-pixel resolution charge coupled device (CCD) camera. Review of Scientific Instruments, 2019, 90, 043111.	1.3	6
17	Mode of action of quinoline antimalarial drugs in red blood cells infected by <i>Plasmodium falciparum</i> revealed in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22946-22952.	7.1	72
18	The New HZB X-Ray Microscopy Beamline U41-PGM1-XM at BESSY II Microscopy and Microanalysis, 2018, 24, 206-207.	0.4	4

#	Article	IF	CITATIONS
19	First Results from the X-Ray Microscopy Beamline U41-PGM1-XM at BESSY II Microscopy and Microanalysis, 2018, 24, 204-205.	0.4	8
20	A transmission x-ray microscopy and NEXAFS approach for studying corroded silicate glasses at the nanometre scale. Journal of Commonwealth Law and Legal Education, 2018, 59, 11-26.	0.5	2
21	Nanoscale NEXAFS for Probing TiCh-B Nanoribbons Microscopy and Microanalysis, 2018, 24, 474-475.	0.4	3
22	In-situ X-ray Microscopy of Crack-Propagation to Study Fracture Mechanics of On-Chip Interconnect Structures. MRS Advances, 2018, 3, 2305-2310.	0.9	8
23	Combination of Soft X-Ray Microscopy with In-Situ Mechanical Testing to Image Crack Propagation in Microchips. Microscopy and Microanalysis, 2018, 24, 438-439.	0.4	2
24	Soft X-Ray Tomography: Filling the Gap Between Light and Electrons for Imaging Hydrated Biological Cells. Microscopy and Microanalysis, 2017, 23, 986-987.	0.4	0
25	Chemical Bond Modification upon Phase Transformation of TiO <sub>2</sub> Nanoribbons Revealed by Nanoscale X-ray Linear Dichroism. Journal of Physical Chemistry C, 2017, 121, 17038-17042.	3.1	12
26	3D membrane segmentation and quantification of intact thick cells using cryo soft X-ray transmission microscopy: A pilot study. PLoS ONE, 2017, 12, e0174324.	2.5	4
27	Spectromicroscopy of C60 and azafullerene C59N: Identifying surface adsorbed water. Scientific Reports, 2016, 6, 35605.	3.3	19
28	Biomolecular environment, quantification, and intracellular interaction of multifunctional magnetic SERS nanoprobes. Analyst, The, 2016, 141, 5096-5106.	3.5	29
29	X-ray spectromicroscopy investigation of soft and hard breakdown in RRAM devices. Nanotechnology, 2016, 27, 345705.	2.6	11
30	Spatially resolved TiOx phases in switched RRAM devices using soft X-ray spectromicroscopy. Scientific Reports, 2016, 6, 21525.	3.3	27
31	Nanoimaging granule dynamics and subcellular structures in activated mast cells using soft X-ray tomography. Scientific Reports, 2016, 6, 34879.	3.3	31
32	3D PSF Measurement for a Soft X-ray Microscope and Comparison to Theory. , 2016, , .		2
33	Investigation of reactions between trace gases and functional CuO nanospheres and octahedrons using NEXAFS-TXM imaging. Scientific Reports, 2015, 5, 17729.	3.3	29
34	Overview of nanoscale NEXAFS performed with soft X-ray microscopes. Beilstein Journal of Nanotechnology, 2015, 6, 595-604.	2.8	21
35	Structural Basis of Vesicle Formation at the Inner Nuclear Membrane. Cell, 2015, 163, 1692-1701.	28.9	180
36	Molecular nitrogen in N-doped TiO <sub>2</sub> nanoribbons. RSC Advances, 2015, 5, 23350-23356.	3.6	35

3

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37	Aerosol-Assisted CVD-Grown WO <sub>3</sub> Nanoneedles Decorated with Copper Oxide Nanoparticles for the Selective and Humidity-Resilient Detection of H <sub>2</sub> S. ACS Applied Materials & Interfaces, 2015, 7, 6842-6851.	8.0	161
38	Controlling Disorder and Superconductivity in Titanium Oxynitride Nanoribbons with Anion Exchange. ACS Nano, 2015, 9, 10133-10141.	14.6	20
39	New Insight into Microgel-Stabilized Emulsions Using Transmission X-ray Microscopy: Nonuniform Deformation and Arrangement of Microgels at Liquid Interfaces. Langmuir, 2015, 31, 83-89.	3.5	43
40	3D simulation of the image formation in soft x-ray microscopes. Optics Express, 2014, 22, 30756.	3.4	27
41	Anisotropic core-shell Fe3 O4 @Au magnetic nanoparticles and the effect of the immunomagnetic separation volume on the capture efficiency. Pure and Applied Chemistry, 2014, 86, 967-978.	1.9	2
42	T Cells Kill Bacteria Captured by Transinfection from Dendritic Cells and Confer Protection in Mice. Cell Host and Microbe, 2014, 15, 611-622.	11.0	30
43	In situ Characterization of SiO <sub>2</sub> Nanoparticle Biointeractions Using BrightSilica. Advanced Functional Materials, 2014, 24, 3765-3775.	14.9	48
44	A New In Situ Microscopy Approach to Study the Degradation and Failure Mechanisms of Timeâ€Dependent Dielectric Breakdown: Setâ€Up and Opportunities. Advanced Engineering Materials, 2014, 16, 486-493.	3.5	5
45	Imaging Drosophila brain by combining cryo-soft X-ray microscopy of thick vitreous sections and cryo-electron microscopy of ultrathin vitreous sections. Journal of Structural Biology, 2014, 188, 177-182.	2.8	5
46	Mn <sup>2+</sup> Substitutional Doping of TiO <sub>2</sub> Nanoribbons: A Three-Step Approach. Journal of Physical Chemistry C, 2014, 118, 21250-21257.	3.1	23
47	Three-dimensional structured on-chip stacked zone plates for nanoscale X-ray imaging with high efficiency. Nano Research, 2014, 7, 528-535.	10.4	27
48	Aminoâ€polyvinyl Alcohol Coated Superparamagnetic Iron Oxide Nanoparticles are Suitable for Monitoring of Human Mesenchymal Stromal Cells In Vivo. Small, 2014, 10, 4340-4351.	10.0	25
49	Imaging endosomes and autophagosomes in whole mammalian cells using correlative cryo-fluorescence and cryo-soft X-ray microscopy (cryo-CLXM). Ultramicroscopy, 2014, 143, 77-87.	1.9	112
50	Multimodal nanoparticles as alignment and correlation markers in fluorescence/soft X-ray cryo-microscopy/tomography of nucleoplasmic reticulum and apoptosis in mammalian cells. Ultramicroscopy, 2014, 146, 46-54.	1.9	38
51	Specific biomolecule corona is associated with ring-shaped organization of silver nanoparticles in cells. Nanoscale, 2013, 5, 9193.	5.6	49
52	Growth control of CuO nanowires on copper thin films: Toward the development of pn nanojunction arrays. , 2013, , .		2
53	Electronic Structure of Individual Hybrid Colloid Particles Studied by Near-Edge X-ray Absorption Fine Structure (NEXAFS) Spectroscopy in the X-ray Microscope. Nano Letters, 2013, 13, 824-828.	9.1	13
54	Vitrification of thick samples for soft X-ray cryo-tomography by high pressure freezing. Journal of Structural Biology, 2013, 181, 77-81.	2.8	26

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55	NEXAFS spectromicroscopy of suspended carbon nanohorns. Chemical Physics Letters, 2013, 587, 85-87.	2.6	8
56	Investigating local (photo-)current and structure of ZnPc:C60 bulk-heterojunctions. Organic Electronics, 2013, 14, 2777-2788.	2.6	10
57	Material and Elastic Properties of <scp> <scp> Al</scp> â€Tobermorite in Ancient Roman Seawater Concrete. Journal of the American Ceramic Society, 2013, 96, 2598-2606.</scp>	3.8	106
58	Growth control, structure, chemical state, and photoresponse of CuO–CdS core–shell heterostructure nanowires. Nanotechnology, 2013, 24, 265603.	2.6	17
59	Evidence for multifilamentary valence changes in resistive switching SrTiO3 devices detected by transmission X-ray microscopy. APL Materials, 2013, 1, .	5.1	33
60	Nanoscale spectroscopy and tomography with the HZB X-ray microscope: Applications in materials and life sciences. Journal of Physics: Conference Series, 2013, 463, 012032.	0.4	3
61	Characterization of the resolving power and contrast transfer function of a transmission X-ray microscope with partially coherent illumination. Optics Express, 2012, 20, 5830.	3.4	59
62	Compact x-ray microscope for the water window based on a high brightness laser plasma source. Optics Express, 2012, 20, 18362.	3.4	100
63	Oriented nucleation of hemozoin at the digestive vacuole membrane in <i>Plasmodium falciparum</i> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11188-11193.	7.1	116
64	Interaction between carbon nanotubes and soil colloids studied with X-ray spectromicroscopy. Chemical Geology, 2012, 329, 32-41.	3.3	8
65	Morphological quantification of hierarchical geomaterials by X-ray nano-CT bridges the gap from nano to micro length scales. American Mineralogist, 2012, 97, 480-483.	1.9	66
66	Nanoscale spectroscopy with polarized X-rays by NEXAFS-TXM. Nature Photonics, 2012, 6, 25-29.	31.4	106
67	Towards an atlas of mammalian cell ultrastructure by cryo soft X-ray tomography. Journal of Structural Biology, 2012, 177, 179-192.	2.8	57
68	Cryo X-ray nano-tomography of vaccinia virus infected cells. Journal of Structural Biology, 2012, 177, 202-211.	2.8	70
69	Correlative VIS-fluorescence and soft X-ray cryo-microscopy/tomography of adherent cells. Journal of Structural Biology, 2012, 177, 193-201.	2.8	98
70	Cryo X-ray microscope with flat sample geometry for correlative fluorescence and nanoscale tomographic imaging. Journal of Structural Biology, 2012, 177, 212-223.	2.8	103
71	3D Ultrastructural Organization of Whole Chlamydomonas reinhardtii Cells Studied by Nanoscale Soft X-Ray Tomography. PLoS ONE, 2012, 7, e53293.	2.5	40
72	X-ray absorption spectroscopy by full-field X-ray microscopy of a thin graphite flake: Imaging and electronic structure via the carbon K-edge. Beilstein Journal of Nanotechnology, 2012, 3, 345-350.	2.8	21

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73	Towards atomic resolution in sodium titanate nanotubes using near-edge X-ray-absorption fine-structure spectromicroscopy combined with multichannel multiple-scattering calculations. Beilstein Journal of Nanotechnology, 2012, 3, 789-797.	2.8	22
74	Structure and composition of myelinated axons: A multimodal synchrotron spectro-microscopy study. Journal of Structural Biology, 2011, 173, 202-212.	2.8	34
75	X-Ray Spectromicroscopy of Biomolecular Matter and Soils. , 2011, , .		1
76	TXM-NEXAFS of TiO[sub 2]-Based Nanostructures. AIP Conference Proceedings, 2011, , .	0.4	2
77	Soft X-Ray Microscopy at HZB: Zone Plate Development and Imaging Using the Third Order of Diffraction. , 2011, , .		8
78	Towards high diffraction efficiency zone plates for X-ray microscopy. Microelectronic Engineering, 2010, 87, 1557-1560.	2.4	15
79	Three-dimensional cellular ultrastructure resolved by X-ray microscopy. Nature Methods, 2010, 7, 985-987.	19.0	318
80	Dynamical X-ray Microscopy Study of Stress-Induced Voiding in Cu Interconnects. , 2009, , .		5
81	X-Ray Nano-Tomography at HZB. , 2009, , .		0
82	Cryo-X-ray tomography of vaccinia virus membranes and inner compartments. Journal of Structural Biology, 2009, 168, 234-239.	2.8	81
83	Stress-induced phenomena in nanosized copper interconnect structures studied by x-ray and electron microscopy. Journal of Applied Physics, 2009, 106, .	2.5	38
84	Ultrahigh-Resolution Soft-X-Ray Microscopy with Zone Plates in High Orders of Diffraction. Physical Review Letters, 2009, 103, 110801.	7.8	132
85	Ellipsoidal capillary as condenser for the BESSY full-field x-ray microscope. Journal of Physics: Conference Series, 2009, 186, 012064.	0.4	23
86	Energy-tunable full-field x-ray microscopy: Cryo-tomography and nano-spectroscopy with the new BESSY TXM. Journal of Physics: Conference Series, 2009, 186, 012041.	0.4	27
87	X-ray stereo microscopy for investigation of dynamics in soils. Journal of Physics: Conference Series, 2009, 186, 012104.	0.4	2
88	First Step Towards a Femtosecond VUV Microscope: Zone Plate Optics as Monochromator for High-Order Harmonics Springer Series in Chemical Physics, 2009, , 884-886.	0.2	0
89	X-ray spectromicroscopy with the scanning transmission X-ray microscope at BESSY II. Journal of Synchrotron Radiation, 2008, 15, 26-35.	2.4	17
90	Terminal contact elements of insect attachment devices studied by transmission X-ray microscopy. Journal of Experimental Biology, 2008, 211, 1958-1963.	1.7	48

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91	Selection of a single femtosecond high-order harmonic using a zone plate based monochromator. Journal of Applied Physics, 2008, 104, .	2.5	11
92	Microscopy and spectroscopy with X-rays for studies in the environmental sciences. Mineralogical Magazine, 2008, 72, 211-216.	1.4	11
93	X-Ray Microscopy at BESSY: From Nano-Tomography to Fs-Imaging. AIP Conference Proceedings, 2007, , .	0.4	9
94	Development of chemical-mechanical polished high-resolution zone plates. Journal of Vacuum Science & Technology B, 2007, 25, 1789.	1.3	4
95	Transmission X-ray microscopy of spider dragline silk. International Journal of Biological Macromolecules, 2007, 40, 87-95.	7.5	21
96	Soft X-ray Microscopy To Characterize Polyelectrolyte Assembliesâ€. Journal of Physical Chemistry B, 2007, 111, 8388-8393.	2.6	21
97	Membrane Densification of Heated Polyelectrolyte Multilayer Capsules Characterized by Soft X-ray Microscopy. Advanced Materials, 2007, 19, 1331-1336.	21.0	43
98	Size-selective colloidal-gold localization in transmission X-ray microscopy. Journal of Microscopy, 2007, 225, 80-87.	1.8	5
99	X-ray Microscopy Studies of Electromigration in Advanced Copper Interconnects. AIP Conference Proceedings, 2006, , .	0.4	6
100	X-Ray Spectromicroscopy Studies in Environmental Sciences. Microscopy and Microanalysis, 2004, 10, 1032-1033.	0.4	0
101	Xâ€ray microscopy at BESSY. Synchrotron Radiation News, 2003, 16, 3-10.	0.8	3
102	In situ X-ray Microscopy Studies of Electromigration in Copper Interconnects. AIP Conference Proceedings, 2003, , .	0.4	2
103	First results of the new scanning transmission X-ray microscope at BESSY-II. European Physical Journal Special Topics, 2003, 104, 95-98.	0.2	10
104	Concept and realization of the novel rotating condenser-monochromator at the Göttingen TXM at BESSY II. European Physical Journal Special Topics, 2003, 104, 273-276.	0.2	4
105	The transmission X-ray microscope at BESSY II. European Physical Journal Special Topics, 2003, 104, 85-90.	0.2	10
106	The magnetic transmission X-ray microscopy project at BESSY II. European Physical Journal Special Topics, 2003, 104, 91-94.	0.2	6
107	Multilayered magnetic nanostrips studied byÂtransmission X-ray microscopy. European Physical Journal Special Topics, 2003, 104, 483-486.	0.2	0
108	Undulation instabilities in laterally structured magnetic multilayers. Journal of Applied Physics, 2002, 91, 7334.	2.5	6

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109	Transmission X-ray microscopy using X-ray magnetic circular dichroism. Applied Physics A: Materials Science and Processing, 2001, 73, 697-701.	2.3	11
110	Instrumentation advances with the new X-ray microscopes at BESSY II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 849-852.	1.6	15
111	A rotating condenser and off-axis zone plate monochromator for the TXM at the undulator U41 at BESSY II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 857-860.	1.6	10
112	Construction of a scanning transmission X-ray microscope at the undulator U-41 at BESSY II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 861-863.	1.6	7
113	Tomographic imaging of biological specimens with the cryo transmission X-ray microscope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1308-1311.	1.6	21
114	Magnetization reversal of a multilayered FeGd dot array imaged by transmission x-ray microscopy. Journal of Applied Physics, 2001, 89, 7162-7164.	2.5	13
115	Quantitative imaging of magnetization reversal in FeGd multilayers by magnetic transmission x-ray microscopy. Journal of Applied Physics, 2000, 87, 6478-6480.	2.5	14
116	Microscopy of thin polymer blend films of polystyrene and poly-n-butyl-methacrylate. AIP Conference Proceedings, 2000, , .	0.4	5
117	The condenser-monochromator with dynamical aperture synthesis for the TXM at an undulator beamline at BESSY II. AIP Conference Proceedings, 2000, , .	0.4	8
118	Computed tomography of cryogenic biological specimens based on X-ray microscopic images. Ultramicroscopy, 2000, 84, 185-197.	1.9	259
119	Imaging magnetic structures with a transmission X-ray microscope. AIP Conference Proceedings, 2000,	0.4	3
120	Application of X-ray microscopy in food science investigation of high pressure affected bacterial spores. AIP Conference Proceedings, 2000, , .	0.4	0
121	Imaging of sub-100-nm magnetic domains in atomically stacked Fe(001)/Au(001) multilayers. Journal of Applied Physics, 2000, 87, 6481-6483.	2.5	7
122	Tomographic imaging of cryogenic biological specimens with the X-ray microscope at BESSY I. AIP Conference Proceedings, 2000, , .	0.4	3
123	The new scanning transmission X-ray microscope at BESSY II. AIP Conference Proceedings, 2000, , .	0.4	13
124	X-ray microimaging of cisplatin distribution in ovarian cancer cells. AIP Conference Proceedings, 2000, , .	0.4	0
125	Visualization of 30 nm structures in frozen-hydrated biological samples by cryo transmission X-ray microscopy. AIP Conference Proceedings, 2000, , .	0.4	2
126	Morphological studies of human sperm using the Aarhus X-ray microscope. AIP Conference Proceedings, 2000, , .	0.4	0

8

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127	X-ray microscopes at BESSY II. AIP Conference Proceedings, 2000, , .	0.4	4
128	Magnetic Domain Imaging with a Transmission X-ray Microscope. Journal of the Magnetics Society of Japan, 1999, 23, S1_205-208.	0.4	5
129	Thermally driven shape instabilities of Nb/Cu multilayer structures: instability of Nb/Cu multilayers. Thin Solid Films, 1999, 353, 33-39.	1.8	33
130	X-ray magnetic circular dichroism used to image magnetic domains. Journal of Synchrotron Radiation, 1999, 6, 688-690.	2.4	2
131	Magnetic domain imaging with a transmission X-ray microscope. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 624-627.	2.3	16
132	Magnetic transmission X-ray microscopy: imaging magnetic domains via the X-ray magnetic circular dichroism. Journal of Alloys and Compounds, 1999, 286, 20-25.	5.5	14
133	X-ray microscopy of human spermatozoa shows change of mitochondrial morphology after capacitation. Human Reproduction, 1999, 14, 880-884.	0.9	28
134	Studies on intracellular structures of COS cells by X-ray microscopy. Journal of Synchrotron Radiation, 1998, 5, 1105-1107.	2.4	5
135	Visualization of Cytoskeletal Elements in the Transmission X-ray Microscope. Journal of Structural Biology, 1998, 123, 72-82.	2.8	15
136	Imaging of magnetic domains by transmission x-ray microscopy. Journal Physics D: Applied Physics, 1998, 31, 649-655.	2.8	67
137	<title>Low-temperature x-ray microscopy of biological samples in amplitude and phase contrast</title> . , 1998, 3449, 2.		1
138	The X-Ray Microscopy Project at BESSY II. , 1998, , 55-64.		1
139	Imaging of magnetic domains with the X-ray microscope at BESSY using X-ray magnetic circular dichroism. Zeitschrift FÃ1⁄4r Physik B-Condensed Matter, 1997, 101, 313-316.	1.1	104
140	Transmission Xâ€ray microscopy of intact hydrated PtK2 cells during the cell cycle. Journal of Microscopy, 1997, 188, 125-135.	1.8	21
141	X-Ray Microscopy with X-Ray Magnetic Circular Dichroism. European Physical Journal Special Topics, 1997, 7, C2-467-C2-468.	0.2	1
142	R�ntgenmikroskopie. Die Naturwissenschaften, 1996, 83, 61-70.	1.6	34
143	Observation of the internal membrane system of COS cells by X-ray microscopy. Journal of Electron Spectroscopy and Related Phenomena, 1996, 80, 369-372.	1.7	2
144	Imaging of magnetic domains at BESSY. Synchrotron Radiation News, 1996, 9, 35-39.	0.8	5

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145	R�ntgenmikroskopie. Die Naturwissenschaften, 1996, 83, 61-70.	1.6	2
146	Cryo Xâ€ <b>r</b> ay microscopy. Synchrotron Radiation News, 1995, 8, 19-28.	0.8	78
147	Phase contrast studies of biological specimens with the xâ€ray microscope at BESSY (invited). Review of Scientific Instruments, 1995, 66, 1282-1286.	1.3	138
148	X-ray microscopy studies of aqueous colloid systems. , 1994, , 135-138.		10
149	Direct imaging of aggregates in aqueous clay-suspensions by x-ray microscopy. , 1994, , 139-142.		10
150	<title>X-ray microscopy studies with the Goettingen x-ray microscopes</title> . , 1993, , .		4
151	<title>Thinned back-illuminated CCD for x-ray microscopy</title> . , 1993, , .		3
152	Electron beam generated phase zone plates with 30 nm zonewidth for high resolution X-ray microscopy. Journal of Optics, 1992, 23, 255-258.	0.3	17
153	Röntgenmikroskopie zur Untersuchung von wÃßrigen biologischen und kolloidchemischen Systemen. Nachrichten Aus Der Chemie, 1992, 40, 562-563.	0.0	8
154	Investigations of Wet Biological Specimens with the X-Ray Microscope at BESSY. Springer Series in Optical Sciences, 1992, , 392-396.	0.7	6
155	X-Ray Microscopy Investigations on Polytene Chromosomes Isolated from Salivary Glands of Chironomus thummi Larvae. Springer Series in Optical Sciences, 1992, , 404-407.	0.7	4
156	Behavior of amorphous semiconductors As2S3 layers after photon, electron, or x-ray exposures. , 1991, 1361, 999.		2
157	Registration of soft x radiation in As2S3 layers. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1991, 9, 1939.	1.6	1
158	Imaging zone plates for x-ray microscopy fabricated by electron-beam lithography. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1988, 6, 323.	1.6	4
159	Electron Beam Lithography And Nanometer Structures: Fabrication Of Microzone Plates. Optical Engineering, 1988, 27, .	1.0	2
160	X-ray Microscopy Experiments with Synchrotron Radiation - State of the Art and Expected Developments. Physica Scripta, 1987, T17, 201-203.	2.5	1
161	X-ray microscope images with Fresnel zone plates fabricated by electron beam nanolithography. Microelectronic Engineering, 1987, 6, 565-570.	2.4	4
162	X-ray microscopy with synchrotron radiation at the electron storage ring BESSY in Berlin. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 246, 675-680.	1.6	14

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163	Xâ€ray microscopy: experimental results with the Göttingen Xâ€ray microscope at the electron storage ring BESSY in Berlin. Journal of Microscopy, 1985, 138, 279-284.	1.8	10
164	Construction of a Micro Zone Plate and Evaluation of Imaging Properties. Springer Series in Optical Sciences, 1984, , 75-90.	0.7	13
165	Zone Plates for X-Ray Microscopy. Springer Series in Optical Sciences, 1984, , 63-74.	0.7	52
166	Imaging of Magnetic Domains with the Transmission X-Ray Microscope at Bessy I. , O, , .		0