

## BL47XU

## Refereed Journals

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- [1] "Fabrication of Silicon Crystals for Pin-Post Water-Cooling System at SPring-8"  
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  - [2] "Design of Compact Absorbers for High-Heat-Load X-Ray Undulator Beamlines at SPring-8"  
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- [3] "Beryllium and Aluminium Refractive Collimators for Synchrotron Radiation"  
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*Journal of Synchrotron Radiation*, **6**, (1999), 953-956
  - [4] "A Refractive Collimator for Synchrotron Radiation"  
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*Applied Physics Letters*, **74**, (1999), 1492-1494
  - [5] "X-Ray Focusing Test and X-Ray Imaging Test by a Microcapillary X-Ray Lens at an Undulator Beamline"  
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*Review of Scientific Instruments*, **70**, (1999), 4161-4167
  - [6] "Refraction-Enhanced X-Ray Imaging of Mouse Lung Using Synchrotron Radiation Source"  
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  - [8] "Fabrication of High Energy X-Ray Fresnel Phase Zone Plate"  
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*X-Ray Microscopy: Proceedings of the Sixth International Conference (AIP Conference Proceedings 507)*, **CP507**, (2000), 672-675
  - [9] "X-Ray Imaging Microscopy Using a Micro Capillary X-Ray Refractive Lens"  
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*X-Ray Microscopy: Proceedings of the Sixth International Conference (AIP Conference Proceedings 507)*, **CP507**, (2000), 566-570
  - [10] "Measurement of X-Ray Beam Emittance Using Crystal Optics at an X-Ray Undulator Beamline"  
Y. Kohmura, Y. Suzuki, M. Awaji, T. Tanaka, T. Hara, S. Goto, T. Ishikawa  
*Nuclear Instruments and Methods in Physics Research Section A*, **452**, (2000), 343-350
  - [11] "Fabrication and Hard X-Ray Focusing of X-Ray Refractive Lens from Liquid Materials"  
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  - [12] "Design of X-Ray Interferometer for Phase-Contrast X-Ray Microtomography"  
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  - [14] "X-Ray Microbeam with Sputtered-Sliced Fresnel Zone Plate at SPring-8 Undulator Beamline"  
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- [16] "X-Ray Imaging Microscopy at 25keV with Fresnel Zone Plate Optics"  
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- [28] "Suppression of Corrugated Boundaries in Multilayer Fresnel Zone Plate for Hard X-Ray Synchrotron Radiation Using Cylindorical Slit"  
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Y. Suzuki, N. Yagi, K. Uesugi  
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- [45] "A Multi-Crystal Spectrometer with a Two-Dimensional Position-Sensitive Detector and Contour Maps of Resonant  $K\beta$  Emission in Mn Compounds"  
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