

- [30] "Gaussian-Like Shaping of Coherent Synchrotron X-Rays"  
Andrei Y. Nikulin, A. Y. Souvorov, K. Tamasaku, T. Ishikawa  
Physics Letter A, **319**, (2003), 434–438
- [31] "Application of Optical Scanner to Switching of X-Ray Photon Helicities at kHz Range"  
M. Suzuki, N. Kawamura, T. Ishikawa  
Review of Scientific Instruments, **74**, (2003), 19–22
- [32] "High-Resolution Fourier Transform X-Ray Spectroscopy"  
K. Tamasaku, T. Ishikawa, M. Yabashi  
Applied Physics Letters, **83**, (2003), 2994–2996
- [33] "Fabrication of Elliptical mirror at Nanometer-Level Accuracy for Hard X-Ray Focusing by Numerically Controlled Plasma Chemical Vaporization Machining"  
K. Yamamura, K. Yamauchi, H. Mimura, Y. Sano, A. Saito, K. Endo, A. Souvorov, M. Yabashi, K. Tamasaku, T. Ishikawa, Y. Mori  
Review of Scientific Instruments, **74**, (2003), 4549–4553
- [34] "Two-Dimensional Submicron Focusing of Hard X-Rays by Two Elliptical Mirrors Fabricated by Plasma Chemical Vaporization Machining and Elastic Emission Machining"  
K. Yamauchi, K. Yamamura, H. Mimura, Y. Sano, A. Saito, K. Endo, A. Souvorov, M. Yabashi, K. Tamasaku, T. Ishikawa, Y. Mori  
Japanese Journal of Applied Physics, **42**, (2003), 7129–7134
- [35] "X-Ray Interferometer Using Wavefront Division"  
H. Yamazaki, T. Ishikawa  
Journal of Applied Crystallography, **36**, (2003), 213–219  
[2004]
- [36] "Intensity Interferometry for the Study of X-Ray Coherence"  
M. Yabashi, K. Tamasaku, T. Ishikawa  
Physical Review A, **69**, (2004), 023813
- [37] "Study of X-ray Coherence by Intensity Interferometry"  
M. Yabashi  
日本放射光学会誌, **17**, (2004), 85–86
- [38] "Analysis of the Mutual Coherence Function of X-Rays Using Dynamical Diffraction"  
H. Yamazaki, T. Ishikawa  
Journal of Applied Crystallography, **37**, (2004), 48–51

## Theory

### Refereed Journals

- [1] "Equilibrium Bunch Length with RF Noises in Electron Storage Rings"  
S. Date, K. Soutome, A. Ando  
Nuclear Instruments and Methods in Physics Research Section A, **355**, (1995), 199–207  
[1995]
- [2] "Coherent  $\phi$  and  $\omega$  Meson Photoproduction from Deuteron and Nondiffractive Channels"  
A. I. Titov, M. Fujiwara, T. S. -H. Lee  
Physical Review C, **66**, (2002), 022202  
[2002]
- [3] "A New Approach for Three-Dimensional Atomic-Image Reconstruction from a Single-Energy Photoelectron Hologram"  
T. Matsushita  
Europhysics letters, **65**, (2004), 207–213  
[2004]