

- [57] "Asymmetric Peaks of Photoelectrons and Auger Electrons Formed through Post-Collision Interaction Following Kr $2p_{3/2}$ Hole Creation"
I. Suzuki, A. Fujii, S. Nagaoka, M. Kosugi, K. Okada, T. Ibuki, S. Samori, Y. Tamenori, H. Ohashi
Journal of Physics B: Atomic, Molecular and Optical Physics, **37**, (2004), 1433-1441
- [58] "Branching Ratios of Multiply Charged Ions Formed through Photoionization of Kr 3d, 3p and 3s Sub-Shells Using Coincidence Technique"
Y. Tamenori, K. Okada, S. Tanimoto, T. Ibuki, S. Nagaoka, A. Fujii, Y. Haga, I. H. Suzuki
Journal of Physics B: Atomic, Molecular and Optical Physics, **37**, (2004), 117-129

BL28B2

Refereed Journals

- [2000]
- [1] "X-ray Scattering Topographic Observation for ZnSe and ZnTe Bulk Crystals"
Y. Chikaura, Y. Suzuki
Journal of Crystal Growth, **210**, (2000), 187-192
- [2001]
- [2] "Construction of Topography Stations at SPring-8 and First Observations"
Y. Chikaura, S. Iida, S. Kawado, K. Mizuno, S. Kimura, J. Matsui, M. Umeno, T. Ozaki, T. Shimura, Y. Suzuki, K. Izumi, K. Kawasaki, K. Kajiwara, T. Ishikawa
Journal of Physics D: Applied Physics, **34**, (2001), A158-A162
- [2002]
- [3] "放射光 X 線回折法による極薄膜 SOI(Silicon on Insulator)ウエーハの構造評価に関する研究"
K. Fukuda
Doctor Thesis (Osaka University), , (2002),
- [4] "Growth and Evaluation of High Quality SiC Crystal by Sublimation Method"
N. Oyanagi, H. Yamaguchi, T. Kato, S. Nishizawa, K. Arai
Materials Science Forum, **389-393**, (2002), 87-90
- [2003]
- [5] "Formation of High Energy White Microbeam and Its Application to Spectro-Scattering Topography"
Y. Chikaura, Y. Suzuki, K. Kajiwara, K. Morita, K. Mizuno, S. Iida, S. Kawado
Nuclear Instruments and Methods in Physics Research Section B, **199**, (2003), 67-70
- [6] "Static and Dynamic Structures of Expanded Fluid Mercury"
M. Inui, K. Tamura
Zeitschrift Physikalische Chemie, **217**, (2003), 1045-1063
- [7] "Development of Spectro-Scattering Topography by Using High-Energy Synchrotron Radiation and Its Application to Materials Evaluation "
K. Kajiwara
Doctor Thesis (Kyushu Institute of Technology), , (2003),
- [8] "Analysis of Dynamic Recrystallization Behavior in Al-single Crystals by Synchrotron Radiation Laue Technique "
Y. Miura, K. Ihara
日本金属学会誌 (Journal of Japan Institute of Metals), **67**, (2003), 209-217
- [9] "Spontaneous Dispersion of PdO onto Acid Sites of Zeolites Studied by in situ DXAFS"
K. Okumura, T. Kusakabe, S. Yokota, K. Kato, H. Tanida, T. Uruga, M. Niwa
Chemistry Letters, **32**, (2003), 636-637
- [10] "Low Temperature Laue Topography of Strontium Titanate at SPring-8"
T. Ozaki, I. Fujimoto, K. Mizuno, S. Iida, K. Kajiwara, T. Taira, J. Yoshimura, T. Shimura, Y. Chikaura
Nuclear Instruments and Methods in Physics Research Section B, **199**, (2003), 81-84
- [11] "High Resolution X-Ray Laue Topography of Thick Quartz Crystals at SPring-8"
C. Suzuki, Armando H. Shinohara, Carlos Q. Hiramatsu, J. Yoshimura, Jamesa B. Reid, K. Kajiwara, Y. Chikaura
Nuclear Instruments and Methods in Physics Research Section B, **199**, (2003), 85-89
- [12] "Identification of Dislocations in Large Tetragonal Hen Egg-White Lysozyme Crystals by Synchrotron White-Beam Topography"
M. Tachibana, H. Koizumi, K. Izumi, K. Kajiwara, K. Kojima
Journal of Synchrotron Radiation, **10**, (2003), 416-420

- [13] "Synchrotron Radiation Microimaging for Observation of Tumor-Derived Small Blood Vessels"
K. Umetani
映像情報メディア学会誌 (The Journal of the Institute of Image Information and Television Engineers),
57, (2003), 1690-1696
- [2004]
- [14] "High-Quality Crystallization of Lysozyme by Magneto-Archimedes Levitation in a Superconducting Magnet"
S. Maki, Y. Oda, M. Ataka
Journal of Crystal Growth, **261**, (2004), 557-565
- [15] "Molybdenum Cell for X-Ray Diffraction Measurements of Fluid Alkali Metals at High Temperatures and High Pressures"
K. Matsuda, K. Tamura, M. Katoh, M. Inui
Review of Scientific Instruments, **75**, (2004), 709-712
- [16] "Orientation Dependence of Dynamic Recrystallization Behavior of Al Single Crystals"
Y. Miura, K. Ihara
Materials Science Forum, **449-452**, (2004), 31-36
- [17] "Energy-Dispersive XAFS Studies on the Spontaneous Dispersion of PdO and the Formation of Stable Pd Clusters in Zeolites"
K. Okumura, R. Yoshimoto, T. Uruga, H. Tanida, K. Kato, S. Yokota, M. Niwa
The Journal of Physical Chemistry B, (2004),
- [18] "Synchrotron Radiation Microangiography for Observation of Vasodilatation using X-ray SATICON"
K. Umetani, K. Fukushima, K. Sugimura
映像情報メディア学会誌 (The Journal of the Institute of Image Information and Television Engineers),
58, (2004), 344-351

BL35XU

Refereed Journals

- [2000]
- [1] "An X-Ray Scattering Beamline for Studying Dynamics"
A. Q. R. Baron, Y. Tanaka, S. Goto, K. Takeshita, T. Matsushita, T. Ishikawa
Journal of Physics and Chemistry of Solids, **61**, (2000), 461-465
- [2001]
- [2] "Early Commissioning of the SPring-8 Beamline for High Resolution Inelastic X-Ray Scattering"
A. Q. R. Baron, Y. Tanaka, D. Miwa, D. Ishikawa, T. Mochizuki, K. Takeshita, S. Goto, T. Matsushita, H. Kimura, F. Yamamoto, T. Ishikawa
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 627-630
- [3] "A Compact Optical Design for Bragg Reflections Near Backscattering"
Alfred Q. R. Baron, Y. Tanaka, D. Ishikawa, D. Miwa, M. Yabashi, T. Ishikawa
Journal of Synchrotron Radiation, **8**, (2001), 1127-1130
- [2002]
- [4] "Sub-Picosecond Dynamics in Liquid Si"
S. Hosokawa, W-C. Pilgrim, Y. Kawakita, S. Takeda, D. Ishikawa, S. Tsutsui, Y. Tanaka, A. Q. R. Baron
Journal of Physics: Condensed Matter, **15**, (2003), L623-L629
- [5] "Static and Dynamic Structures of Expanded Fluid Mercury"
M. Inui, K. Tamura
Zeitschrift Physikalische Chemie, **217**, (2003), 1045-1063
- [6] "Coherent Dynamic Scattering Law of Divalent Liquid Mg"
Y. Kawakita, S. Hosokawa, T. Enosaki, K. Ohshima, S. Takeda, W. Pilgrim, S. Tsutsui, Y. Tanaka, Alfred Q. R. Baron
Journal of the Physical Society of Japan, **72**, (2003), 1603-1606
- [7] "Coherent Dynamics Scattering Law of Divalent Liquid Mg"
Y. Kawakita
Journal of the Physical Society of Japan, **72**, (2003), 1603-1606