

- [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

- [8] "Self-Diffusion of Sn Atoms in Cu₃Sn Probed by Quasi-Elastic Nuclear Resonant Scattering of Synchrotron Radiation"
H. Thiess, A. Baron, D. Ishikawa, T. Ishikawa, D. Miwa, B. Sepiol, S. Tsutsui
Physical Review B, **67**, (2003), 184302
[2004]
- [9] "Kohn Anomaly in MgB₂ by Inelastic X-ray Scattering"
A. Baron, H. Uchiyama, Y. Tanaka, S. Tsutsui, D. Ishikawa, S. Lee, R. Heid, K.-P. Bohnen, S. Tajima, T. Ishikawa
Physical Review Letters, **92**, (2004), 197004
- [10] "Collective Dynamics in Dense Hg Vapour"
D. Ishikawa, M. Inui, K. Matsuda, K. Tamura, A. Q. R. Baron, S. Tsutsui, Y. Tanaka, T. Ishikawa
Journal of Physics: Condensed Matter, **16**, (2004), L40-L50
- [11] "Softening of Cu-O Bond Stretching Phonons in Tetragonal HgBa₂CuO_{4+δ}"
H. Uchiyama, A. Baron, S. Tsutsui, Y. Tanaka, W.-Z. Hu, A. Yamamoto, S. Tajima, Y. Endoh
Physical Review Letters, **92**, (2004), 197005-1-197005-4

BL37XU

Refereed Journals

- [2004]
- [1] "Properties of Individual Asian Dust Storm Particles Collected at Kosan, Korea during Ace-Asia"
C. Ma, S. Tohno, M. Kasahara, S. Hayakawa
Atmospheric Environment, **38**, (2004), 1133-1143

BL38B1

Refereed Journals

- [2001]
- [1] "Chemical Analysis for Fe in LiCoO₂ by XAFS Analysis"
H. Ohzono, M. Kouno, H. Miyake, H. Ohyama
Analytical Sciences, **17.Supplement**, (2001), i135-i137
- [2002]
- [2] "Relationship between the Li Ionic Conduction and the Local Structures in B-Site Substituted Perovskite Compounds, (Li_{0.1}La_{0.3})_{1+x}M_xNb_{1-x}O₃ (M=Zr, Ti; x=0, 0.05)"
M. Nakayama, H. Ikuta, Y. Uchimoto, M. Wakihara, Y. Terada
Applied Physics Letters, **81**, (2002), 2977-2979
- [3] "Local Structure around Mn in Ferromagnetic GaMnN Film Studied by X-Ray Absorption Fine Structure"
M. Sato, H. Tanida, K. Kato, T. Sasaki, Y. Yamamoto, S. Sonoda, S. Shimizu, H. Hori
Japanese Journal of Applied Physics, **41**, (2002), 4513-4514
- [4] "Crystal Structure of the RuvA-RuvB Complex: A Structural Basis for the Holliday Junction Migrating Motor Machinery"
K. Yamada, T. Miyata, D. Tsuchiya, T. Oyama, Y. Fujiwara, T. Ohnishi, H. Iwasaki, H. Shinagawa, M. Ariyoshi, K. Mayanagi, K. Morikawa
Molecular Cell, **10**, (2002), 671-681
- [2003]
- [5] "YAP Imager and Its Application with High-Energy X-Ray Beams up to 150 keV"
K. Hirota, H. Toyokawa, M. Suzuki, T. Kubo, M. Nomachi, Y. Sugaya, M. Yosoi, A. Gorin, I. Manuilov, A. Riazantsev, K. Kuroda
Nuclear Instruments and Methods in Physics Research Section A, **510**, (2003), 83-91
- [6] "A Fast Position Encoding System for a High-Energy X-Ray YAP Imager"
K. Hirota, H. Toyokawa, M. Suzuki, T. Kudo, M. Nomachi, Y. Sugaya, M. Yosoi
Nuclear Instruments and Methods in Physics Research Section A, **513**, (2003), 187-192
- [7] "Changes in Local Structure during Electrochemical Li Insetion into A-Site Deficient Perovskite Oxides, La_{1/3}NbO₃"
M. Nakayama, H. Ikuta, Y. Uchimoto, M. Wakihara, Y. Terada, T. Miyanaga, I. Watanabe
The Journal of Physical Chemistry B, **107**, (2003), 10715-10721