

- [8] "Self-Diffusion of Sn Atoms in Cu<sub>3</sub>Sn 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 MgB<sub>2</sub> 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 HgBa<sub>2</sub>CuO<sub>4+δ</sub>"  
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 LiCoO<sub>2</sub> 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<sub>0.1</sub>La<sub>0.3</sub>)<sub>1+x</sub>M<sub>x</sub>Nb<sub>1-x</sub>O<sub>3</sub> (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<sub>1/3</sub>NbO<sub>3</sub>"  
M. Nakayama, H. Ikuta, Y. Uchimoto, M. Wakihara, Y. Terada, T. Miyanaga, I. Watanabe  
The Journal of Physical Chemistry B, **107**, (2003), 10715-10721

- [8] "X-Ray and Biochemical Anatomy of an Archaeal XPF/RAD1/Mus81 Family Nuclease: Similarity Between Its Endonuclease Domain and Restriction Enzyme"  
T. Nishino, K. Komori, Y. Ishino, K. Morikawa  
*Structure*, **11**, (2003), 445-457
- [9] "A 128-Channel Microstrip Germanium Detector for Compton Scattering Experiments at SPring-8 Facility"  
M. Suzuki, H. Toyokawa, K. Hirota, M. Itou, M. Mizumaki, Y. Sakurai, N. Hiraoka, N. Sakai  
*Nuclear Instruments and Methods in Physics Research Section A*, **510**, (2003), 63-75
- [10] "Recycle of Incineration Ash of Urban Waste Using Foam Water Glass"  
I. Tsuyumoto, H. Uchikawa  
*Journal of the Ceramic Society of Japan*, **111**, (2003), 77-80
- [11] "Monitoring of Trace Amounts of Chromium in Ordinary Portland Cement Using X-Ray Absorption Fine Structure Analysis"  
I. Tsuyumoto, H. Uchikawa  
*Journal of the Ceramic Society of Japan*, **111**, (2003), 608-610
- [12] "Catalytic Activity of Pd Loaded on WO<sub>3</sub>/Al<sub>2</sub>O<sub>3</sub> for NO-CH<sub>4</sub>-O<sub>2</sub> in the Presence of Water Vapor"  
R. Yoshimoto, K. Okumura, M. Niwa  
*Catalysis Today*, **84**, (2003), 159-164
- [13] "Structural and Electronic Investigation of TbPdAl by Means of EXAFS and XANES Measurements"  
M. Mizumaki, K. Yoshii, H. Kitazawa, H. Tanida  
*Journal of Solid State Chemistry*, **171**, (2003), 291-294
- [14] "Preparation and Crystallization of Human Flap Endonuclease FEN-1 in Complex with Proliferating-Cell Nuclear Antigen, PCNA"  
S. Sakurai, K. Kitano, K. Okada, K. Hamada, H. Morioka, T. Hakoshima  
*Acta Crystallographica Section D*, **59**, (2003), 933-935
- [15] "Crystallization and Preliminary Crystallographic Study of the Outer-Membrane Lipoprotein Receptor LolB, a Member of the Lipoprotein Localization Factors"  
K. Takeda, H. Miyatake, N. Yokota, S. Matsuyama, H. Tokuda, K. Miki  
*Acta Crystallographica Section D*, **59**, (2003), 1224-1226
- [16] "Crystal Structures of Bacterial Lipoprotein Localization Factors, LolA and LolB"  
K. Takeda, H. Miyatake, N. Yokota, S. Matsuyama, H. Tokuda, K. Miki  
*The EMBO Journal*, **22**, (2003), 3199-3209
- [17] "A Practical Phasing Procedure using the MAD Method without the Aid of XAFS Measurements: Successful Solution in the Structure Determination of the Outer-Membrane Lipoprotein Carrier LolA"  
K. Takeda, H. Miyatake, N. Yokota, S. Matsuyama, H. Tokuda, K. Miki  
*Acta Crystallographica Section D*, **59**, (2003), 1440-1446
- [18] "Structure, Magnetism and Transport of La<sub>2</sub>NiRuO<sub>6</sub>"  
K. Yoshii, H. Abe, M. Mizumaki, H. Tanida, N. Kawamura  
*Journal of Alloys and Compounds*, **348**, (2003), 236-240
- [2004]
- [19] "Mutational and Structural Analysis of Cobalt-Containing Nitrile Hydratase on Substrate and Metal Binding"  
M. Akimasa, S. Fushinobu, I. Kiyoshi, S. Hirofumi, W. Takayoshi  
*European Journal of Biochemistry*, **271**, (2004), 429-438
- [20] "Structural Insights into Substrate Specificity and Function of Glucodextranase"  
M. Mizuno, T. Tonozuka, S. Suzuki, R. Uotsu-Tomita, S. Kamitori, A. Nishikawa, Y. Sakano  
*The Journal of Biological Chemistry*, **279**, (2004), 10575-10583
- [21] "Development of a Portable Free-Air Ionization Chamber as an Absolute Intensity Monitor for High-Energy Synchrotron Radiation up to 150 keV"  
N. Nariyama, N. Kishi, S. Ohnishi  
*Nuclear Instruments and Methods in Physics Research Section A*, **524**, (2004), 324-331

## BL39XU

### Refereed Journals

[1998]

- [1] "X-Ray Microprobe System for XRF Analysis and Spectroscopy at SPring-8 BL39XU"  
S. Hayakawa, S. Goto, T. Shoji, E. Yamada, Y. Gohshi  
*Journal of Synchrotron Radiation*, **5**, (1998), 1114-1116