

- [13] "Grazing Incidence Small-Angle X-Ray Scattering and Diffraction Study of the Resistance of Mo Implanted Si Wafer After Annealing"
C. Lee
Journal of Applied Crystallography, **36**, (2003), 612–616
- [14] "Crystallization, and Preliminary X-Ray Analysis of Immunogenic Virus-Like Particles Formed by Infectious Bursal Disease Virus (IBDV) Structural Protein VP2"
C. Lee
Acta Crystallographica Section D, **59**, (2003), 1234–1237

BL15XU

Refereed Journals

[2001]

- [1] "X-Ray Photoelectron Spectroscopy Studies of La-Doped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_y$ Single Crystals"
Y. Yamauchi, S. Kishida, M. Kimura, H. Yoshikawa, S. Fukushima, H. Tokutaka
Physica C, **357–360**, (2001), 410–413
- [2] "Revolver Undulator for BL15XU at SPring-8"
T. Hara, T. Tanaka, T. Seike, T. Bizen, X. Marechal, A. Nisawa, S. Fukushima, H. Yoshikawa, H. Kitamura
Nuclear Instruments and Methods in Physics Research Section A, **467–468**, (2001), 161–164

[2002]

- [3] "Synchrotron X-Ray and TOF Neutron Powder Diffraction Study of a Lyonsite-Type Oxide $\text{Co}_{3.6}\text{Fe}_{3.6}(\text{VO}_4)_6$ "
Alexei A. Belik, F. Izumi, T. Ikeda, A. Nisawa, T. Kamiyama, K. Oikawa
Solid State Sciences, **4**, (2002), 515–522
- [4] "A Trial Fitting on $K\alpha_{1,2}$ Emission Spectra in Transition Elements"
Y. Ito, T. Tochio, N. Shigeoka, H. OoHashi, A. M. Vlaicu, T. Kaneyoshi, M. Motoyama, T. Shoji, S. Fukushima
Proceedings of International Seminar on Photoionization in Atom, , (2002), 66–73
- [5] "Contribution of Indirect Ionization of Au $L\alpha_2$ Satellites"
H. OoHashi, N. Shigeoka, T. Tochio, Y. Ito, A. Vlaicu, A. Nisawa, H. Yoshikawa, S. Fukushima, M. Watanabe
Proceedings of International Seminar on Photoionization in Atom, , (2002), 85–88
- [6] "The Behavior of Fe $K\alpha$ Satellites around the Threshold"
N. Shigeoka, H. OoHashi, Y. Ito, T. Tochio, A. M. Vlaicu, S. Nisawa, H. Yoshikawa, S. Fukushima, M. Watanabe
Proceedings of International Seminar on Photoionization in Atom, , (2002), 80–84
- [7] "Photo-Excitation of Multi-Electron Transitions in Heavy Elements by Synchrotron Radiation"
A. M. Vlaicu, Y. Ito, N. Shigeoka, H. OoHashi, S. Fukushima, H. Yoshikawa, A. Nisawa
Proceedings of International Seminar on Photoionization in Atom, , (2002), 62–65
- [8] "The Development of The Angle Resolved XPS Equipment at SPring-8 BL15XU"
H. Yoshikawa, Y. Kita, K. Watanabe, A. Tanaka, M. Kimura, A. Nisawa, A. Vlaicu, M. Kitamura, N. Yagi, M. Okui, M. Taguchi, R. Oiwa, S. Fukushima
Journal of Surface Analysis, **9**, (2002), 374–377
- [9] "The Observation of the Cascade Auger Process by Threshold Excitation"
S. Fukushima, H. Yoshikawa, M. Kimura, A. Tanaka, A. Vlaicu, Y. Kita, K. Watanabe, A. Nisawa, N. Yagi, M. Okui, M. Taguchi, R. Oiwa
Proceedings of International Seminar on Photoionization in Atom, , (2002), 96–101
- [10] "Phase Control of $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_y$ Superconducting Sputtered Films Using He Gas"
K. Matsumoto, M. Ogura, K. Katsurahara, S. Kishida, T. Mizutani, H. Yoshikawa, S. Fukushima, H. Tokutaka
Physica C, **378–381**, (2002), 1256–1259
- [11] "Phase Control of $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_y$ Sputtered Films Using He Gas"
K. Matsumoto, M. Ogura, K. Katsurahara, S. Kishida, T. Mizutani, H. Yoshikawa, S. Fukushima, H. Tokutaka
真空 (Journal of the Vacuum Society of Japan), **45**, (2002), 179–182
- [12] "Growth and Characterization of Bi-Based Superconducting Whiskers"
H. Uemoto, S. Kishida, H. Yoshikawa, S. Fukushima, N. Ikeda
Singapore Journal of Physics, **18**, (2002), 255–259

[2003]

- [13] "Performance of YB_{66} Double-Crystal Monochromator for Dispersing Synchrotron Radiation at SPring-8"
M. Kitamura, H. Yoshikawa, T. Mochizuki, A. Vlaicu, A. Nisawa, N. Yagi, M. Okui, M. Kimura, T. Tanaka, S. Fukushima
Nuclear Instruments and Methods in Physics Research Section A, **497**, (2003), 550–562

- [14] "Spatial Harmonic Rejection in a Large Offset Rotated-Inclined Double Crystal Monochromator at BL15XU in SPring-8"
A. Nisawa, M. Okui, N. Yagi, T. Mizutani, H. Yoshikawa, S. Fukushima
Nuclear Instruments and Methods in Physics Research Section A, **497**, (2003), 563–568

BL16XU

Refereed Journals

- [2000]
- [1] "Wavelength-Dispersive Total Reflection X-Ray Fluorescence with High-Brilliance Undulator Radiation at SPring-8"
N. Awaji, S. Ozaki, J. Nishino, S. Noguchi, T. Yamamoto, T. Shoji, M. Yamagami, A. Kobayashi, Y. Hirai, M. Shibata, K. Yamaguchi, K. Liu, S. Kawado, M. Takahashi, S. Yasuami, I. Konomi, S. Kimura, Y. Hirai, M. Hasegawa, S. Komiya, T. Hirose, T. Okajima
Japanese Journal of Applied Physics, **39**, (2000), L1252–L1255
- [2001]
- [2] "Microscopic Observation of Cu Damascene Interconnect Grains Using X-Ray Microbeam"
M. Hasegawa, Y. Hirai
Journal of Applied Physics, **90**, (2001), 2792–2795
- [2002]
- [3] "Tetragonal Distortion of *c* Domains in Fatigued Pb(Zr,Ti)O₃ Thin Films Determined by X-Ray Diffraction Measurements with Highly Brilliant Synchrotron Radiation"
S. Kimura, K. Izumi, T. Tatsumi
Applied Physics Letters, **80**, (2002), 2365–2367
- [2003]
- [4] "Influence of Dissolved Hydrogen on Structure of Oxide Film on Alloy 600 Formed in Primary Water of Pressurized Water Reactors"
T. Terachi, N. Totsuka, T. Yamada, T. Nakagawa, H. Deguchi, M. Horiuchi
Journal of Nuclear Science and Technology, **40**, (2003), 509

BL16B2

Refereed Journals

- [2001]
- [1] "X-Ray Absorption Spectral Analyses by Theoretical Calculations for TiO₂ and Ni-Doped TiO₂ Thin Films on Glass Plates"
S. Matsuo, N. Sakaguchi, E. Obuchi, K. Nakano, Rupert C. C. Perera, T. Watanabe, T. Matsuo, H. Wakita
Analytical Sciences, **17**, (2001), 149–153
- [2] "Correlation between Local Structure and Chemical Behaviors of Some Transition Metal Compounds as Studied by X-Ray Absorption Spectroscopy"
S. Matsuo
Doctor Thesis (Fukuoka University), , (2001),
- [3] "Local Structure Analysis of Ga_{1-x}In_xN Alloy Using Extended X-Ray Absorption Fine Structure Measurements"
T. Miyajima, Y. Kudo, K. -Y. Liu, T. Uruga, T. Asatsuma, T. Hino, T. Kobayashi
Physica Status Solidi B, **228**, (2001), 45–48
- [4] "Local Structure Analyses of Ce_{0.5}Zr_{0.5}O₂ Mixed Oxides by XAFS"
Y. Nagai, T. Yamamoto, T. Tanaka, S. Yoshida, T. Nonaka, T. Okamoto, A. Suda, M. Sugiura
Journal of Synchrotron Radiation, **8**, (2001), 616–618
- [5] "*In situ* XAFS Study on Cathode Materials for Lithium-Ion Batteries"
T. Nonaka, C. Okuda, Y. Ukyo, T. Okamoto
Journal of Synchrotron Radiation, **8**, (2001), 869–871
- [6] "Chemical Analysis for Fe in LiCoO₂ by XAFS Analysis"
H. Ohzono, M. Kouno, H. Miyake, H. Ohyama
Analytical Sciences, **17.Supplement**, (2001), i135–i137