

**Refereed Journals**

- [1998]
- [1] "SPring-8 Twin Helical Undulator"  
T. Hara, T. Tanaka, T. Tanabe, X. -M. Marechal, K. Kumagai, H. Kitamura  
*Journal of Synchrotron Radiation*, **5**, (1998), 426-427
  - [2] "Twin Helical Undulator Beamline for Soft X-Ray Spectroscopy at SPring-8"  
Y. Saitoh, T. Nakatani, T. Matsushita, T. Miyahara, M. Fujisawa, K. Soda, T. Muro, S. Ueda, H. Harada, A. Sekiyama, S. Imada, H. Daimon, S. Suga  
*Journal of Synchrotron Radiation*, **5**, (1998), 542-544
- [1999]
- [3] "Structure and MCD Effect of Rare-Earth-Transition Metal Amorphous Multilayers"  
Y. Fujiwara, K. Yano, T. Kato, X. Y. Yu, S. Tsunashima, S. Iwata, T. Kobayashi, M. Masuda  
*日本応用磁気学会誌 (Journal of the Magnetics Society of Japan)*, **23**, (1999), 39-42
  - [4] "4d and 3d Resonant Photoemission of Ce Compounds and c-f Mixing"  
S. Imada, A. Sekiyama, S. Suga  
*Japanese Journal of Applied Physics Series 11 Physics of Strongly Correlated Electron Systems*, , (1999), 212-214
  - [5] "Importance of Measurements of Small MCD Signals at Temperatures Higher than  $T_c$ : Distinction between Itinerant and Localized Magnetism"  
T. Miyahara, H. Ishii, S. Imada, Y. Saitoh, R. Jung, H. Kimura, S. Suga, H. Sugawara, H. Sato  
*Japanese Journal of Applied Physics*, **38**, (1999), 396-399
  - [6] "High Resolution Ce3d-4f Resonant Photoemission Study of CeNiSn and CePdSn"  
A. Sekiyama, S. Suga, Y. Saitoh, S. Ueda, H. Harada, T. Matsushita, T. Nakatani, T. Iwasaki, K. Matsuda, M. Kotsugi, S. Imada, T. Takabatake, T. Yoshino, D. T. Adroja, R. Takayama, O. Sakai, H. Harima, T. Nanba  
*Solid State Communications*, **111**, (1999), 373-378
  - [7] "Photoemission Study of  $D0_3$ -Related  $(Fe_{1-x}V_x)_3Al$  Alloys"  
K. Soda, T. Takeuchi, Y. Yanagida, U. Mizutani, M. Kato, Y. Nishino, A. Sekiyama, S. Imada, S. Suga, T. Matsushita, Y. Saito  
*Japanese Journal of Applied Physics*, **38**, (1999), 496-499
  - [8] "Magnetic Dichroism and High Resolution Photoemision Study of Materials"  
S. Suga, S. Imada, A. Sekiyama  
*Japanese Journal of Applied Physics*, **38**, (1999), 348-353
- [2000]
- [9] "Two-Dimensional Circularly-Polarized-Light Photoelectron Diffraction for the Analysis of Magnetic and Electronic Properties on Surfaces"  
K. Enomoto, Y. Miyatake, K. Fukumoto, A. Kobayashi, K. Hattori, H. Daimon, M. Kotsugi, S. Suga, T. Nakatani, T. Matsushita  
*Surface Review and Letters*, **7**, (2000), 643-647
  - [10] "Local Magnetic States in  $La_{1-x}Sr_xMnO_3$  and  $Nd_{1-x}Sr_xMnO_3$ "  
S. Imada, S. Suga, T. Muro, S. Ueda, R. Jung, M. Kotsugi, Y. Saitoh, T. Matsushita, H. Kuwahara, Y. Moritomo, Y. Tokura  
*Physica B*, **281-282**, (2000), 498-499
  - [11] "Metastable Domain Structures of Ferromagnetic Microstructures Observed by Soft X-Ray Magnetic Circular Dichroism Microscopy"  
S. Imada, S. Ueda, R. Jung, Y. Saitoh, M. Kotsugi, W. Kuch, J. Gilles, S. Kang, F. Offi, J. Kirschner, H. Daimon, T. Kimura, J. Yanagisawa, K. Gamo, S. Suga  
*Japanese Journal of Applied Physics*, **39**, (2000), L585-L587
  - [12] "Bulk and Surface Electronic Structures of CePd $X$ ( $X$ =As, Sb) Studied by 3d-4f Resonance Photoemission"  
T. Iwasaki, S. Suga, S. Imada, A. Sekiyama, K. Matsuda, M. Kotsugi, K. An, T. Muro, S. Ueda, T. Matsushita, Y. Saitoh, T. Nakatani, H. Ishii, O. Sakai, R. Takayama, T. Suzuki, T. Oguchi, K. Katoh, A. Ochiai  
*Physical Review B*, **61**, (2000), 4621-4628
  - [13] "Magnetic-Circular-Dichroism Microspectroscopy at the Spin Reorientation Transition in Ni(001) Films"  
W. Kuch, J. Gilles, S. Kang, S. Imada, S. Suga, J. Kirschner  
*Physical Review B*, **62**, (2000), 3824-3833

- [14] "Imaging Microspectroscopy of Ni/Fe/Co/Cu(001) Using a Photoemission Microscope"  
W. Kuch, J. Gilles, F. Offi, S. Kang, S. Imada, S. Suga, J. Kirschner  
*Journal of Electron Spectroscopy and Related Phenomena*, **109**, (2000), 249-265
- [15] "Quantitative X-Ray Magnetic Circular Dichroism Microspectroscopy of Fe/Co/Cu(001) Using a Photoemission Microscope"  
W. Kuch, J. Gilles, S. Kang, F. Offi, J. Kirschner, S. Imada, S. Suga  
*Journal of Applied Physics*, **87**, (2000), 5747-5749
- [16] "High-Resolution Resonant Photoemission Study of CeRu<sub>2</sub>"  
K. Matsuda, A. Sekiyama, S. Suga, S. Imada, Y. Saitoh, T. Matsushita, S. Ueda, H. Harada, T. Iwasaki, M. Kotsugi, M. Hedo, Y. Onuki, E. Yamamoto, Y. Haga, R. Takayama, O. Sakai  
*Physica B*, **281-282**, (2000), 729-730
- [17] "Unusual Electron Transport in Heusler-Type Fe<sub>2</sub>VAI Compound"  
Y. Nishino  
*Intermetallics*, **8**, (2000), 1233-1241
- [18] "Performance of a Very High Resolution Soft X-Ray Beamline BL25SU with a Twin-Helical Undulator at SPring-8"  
Y. Saito, H. Kimura, Y. Suzuki, T. Nakatani, T. Matsushita, T. Muro, T. Miyahara, M. Fujisawa, K. Soda, S. Ueda, H. Harada, M. Kotsugi, A. Sekiyama, S. Suga  
*Review of Scientific Instruments*, **71**, (2000), 3254-3259
- [19] "Bulk 4f Electronic States of Ce-Based Heavy Fermion System Probed by High-Resolution Resonance Photoemission"  
A. Sekiyama, K. Kadono, K. Matsuda, T. Iwasaki, S. Ueda, S. Imada, S. Suga, R. Settai, H. Azuma, Y. Onuki, Y. Saitoh  
*Journal of the Physical Society of Japan*, **69**, (2000), 2771-2774
- [20] "Probing Bulk States of Correlated Electron Systems by High-Resolution Resonance Photoemission"  
A. Sekiyama, T. Iwasaki, K. Matsuda, Y. Saitoh, Y. Onuki, S. Suga  
*Nature*, **403**, (2000), 396-398
- [21] "Electronic Structure of Mn Doped Diluted Magnetic Semiconductors"  
S. Ueda, S. Suga, T. Iwasaki, A. Sekiyama, S. Imada, Y. Saitoh, S. Takeyama  
*Japanese Journal of Applied Physics*, **39**, (2000), 468-469
- [22] "High-Resolution Ce 3d-Edge Resonant Photoemission Study of CeNi<sub>2</sub>"  
S. Yang, S. Oh, H. Kim, R. Jung, A. Sekiyama, T. Iwasaki, S. Suga, Y. Saitoh, E. Cho, J. -G. Park  
*Physical Review B*, **61**, (2000), R13329-R13332  
[2001]
- [23] "Stereoscopic Microscopy of Atomic Arrangement by Circularly Polarized-Light Photoelectron Diffraction"  
H. Daimon  
*Physical Review Letters*, **86**, (2001), 2034-2037
- [24] "Effective Magnetic Quantum Number and Effective Emitter-Scatterer Distance Obtained from W 4f Photoelectron Diffraction Induced by Circularly Polarized Light on W(110)"  
K. Hattori, A. Kobayashi, K. Fukumoto, Y. Miyatake, H. Daimon, M. Kotsugi, S. Suga, T. Nakatani, T. Matsushita  
*Surface Science*, **493**, (2001), 15-22
- [25] "Electronic and Magnetic States of RCo<sub>5-x</sub>B<sub>x</sub> Investigated by Photoemission and Soft X-Ray MCD"  
S. Imada, S. Suga, T. Sato, R. Jung, H. Ido  
*Journal of Magnetism and Magnetic Materials*, **226-230**, (2001), 1193-1194
- [26] "Temperature-Dependent Bulk-Sensitive Ce 3d Edge Resonant Photoemission Study of CeFe<sub>2</sub>"  
R. Jung, H. Kim, B. Choi, S. -J. Oh, E. Cho, T. Iwasaki, A. Sekiyama, S. Imada, S. Suga, J. -G. Park  
*Journal of Electron Spectroscopy and Related Phenomena*, **114-116**, (2001), 693-698
- [27] "Construction of Two-Dimensional Photoelectron Spectrometer at SPring-8"  
M. Kotsugi, Y. Miyatake, K. Enomoto, K. Fukumoto, A. Kobayashi, T. Nakatani, Y. Saitoh, T. Matsushita, S. Imada, T. Furuhata, S. Suga, K. Soda, M. Jinno, T. Hirano, K. Hattori, H. Daimon  
*Nuclear Instruments and Methods in Physics Research Section A*, **467-468**, (2001), 1493-1496
- [28] "Element-Selective Mapping of Magnetic Moments in Ultrathin Magnetic Films Using a Photoemission Microscope"  
W. Kuch, J. Gilles, F. Offi, S. Kang, S. Imada, S. Suga, J. Kirschner  
*Surface Science*, **480**, (2001), 153-162

- 106  
 [29] "MCD Study on Materials without Magnetic Order"  
 T. Miyahara, H. Ishii, Y. Takayama, M. Hirose, K. Maruyama, K. Obu, M. Shinoda, T. Muro, Y. Saitoh, Tatsuma D. Matsuda, H. Sugawara, H. Sato  
*Journal of the Physical Society of Japan*, **70**, (2001), 2977-2981
- [30] "High-Resolution Soft X-Ray Absorption Spectroscopy of Solids"  
 Y. Saitoh, T. Muro, M. Kotsugi, T. Iwasaki, A. Sekiyama, S. Imada, S. Suga  
*Journal of Synchrotron Radiation*, **8**, (2001), 339-341
- [31] "Soft X-Ray Beamline for Spectroscopy of Solids at SPring-8"  
 Y. Saitoh, H. Kimura, Y. Suzuki, T. Nakatani, T. Matsushita, T. Muro, T. Miyahara, M. Fujisawa, K. Soda, S. Ueda, A. Sekiyama, S. Imada, S. Suga  
*Nuclear Instruments and Methods in Physics Research Section A*, **467-468**, (2001), 553-556
- [32] "Bulk-Sensitive High-Resolution Ce 3d-4f Resonance Photoemission Study of CeNiSn and CePdSn"  
 A. Sekiyama, S. Suga, T. Iwasaki, S. Ueda, S. Imada, Y. Saitoh, T. Yoshino, D. T. Adroja, T. Takabatake  
*Journal of Electron Spectroscopy and Related Phenomena*, **114-116**, (2001), 699-703
- [33] "Magnetic Circular Dichroism at Transition Metal  $L_{2,3}$  Edges in  $D0_3$ -Type  $(Fe_{1-x}Mn_x)_3Al$  Alloys"  
 K. Soda, O. Yoshimoto, H. Nozaki, T. Takeuchi, U. Mizutani, H. Kato, M. Kato, Y. Nishino, S. Imada, S. Suga, T. Matsushita, Y. Saitoh  
*Journal of Synchrotron Radiation*, **8**, (2001), 455-456
- [34] "High-Resolution Soft X-Ray Bulk Sensitive Photoemission from Strongly Correlated Systems"  
 S. Suga, A. Sekiyama  
*Journal of Electron Spectroscopy and Related Phenomena*, **114-116**, (2001), 659-668
- [35] "X-MCD at Twin-Helical Undulator Beam Line BL25SU of SPring-8"  
 S. Suga, S. Imada, A. Yamasaki, S. Ueda, T. Muro, Y. Saitoh  
*Journal of Magnetism and Magnetic Materials*, **233**, (2001), 60-64
- [36] "Extremely High Quality Soft X-Ray Beam Line BL25SU of SPring-8: Instrumentation and Research Activities"  
 S. Suga  
*Nuclear Instruments and Methods in Physics Research Section A*, **467-468**, (2001), 1388-1395
- [37] "Magnetic Circular Dichroism in Mn 2p Core Absorption of  $Ga_{1-x}Mn_xAs$ "  
 S. Ueda, S. Imada, T. Muro, Y. Saitoh, S. Suga, F. Matsukura, H. Ohno  
*Physica E*, **10**, (2001), 210-214
- [38] "Magnetic Circular Dichroism in the Soft X-Ray Absorption Spectra of Intercalation Compounds  $Fe_xTiS_2$ "  
 A. Yamasaki, S. Imada, H. Utsunomiya, T. Muro, Y. Saitoh, H. Negishi, M. Sasaki, M. Inoue, S. Suga  
*Physica E*, **10**, (2001), 387-390
- [39] "Magnetic Circular Dichroism at Transition Metal  $L_{2,3}$  Edges in  $D0_3$ -Type  $(Fe_{1-x}V_x)_3Al$  Alloys"  
 O. Yoshimoto, M. Kato, K. Soda, H. Nozaki, T. Takeuchi, U. Mizutani, M. Kato, Y. Nishino, S. Imada, S. Suga, T. Matsushita, Y. Saitoh  
*Journal of Synchrotron Radiation*, **8**, (2001), 457-459  
 [2002]
- [40] "Quasi-Particles and Their Absence in Photoemission Spectroscopy"  
 James W. Allen,  
*Solid State Communications*, **123**, (2002), 469-487
- [41] "Photoelectron Diffraction Stereograph by Display-Type Spherical Mirror Analyzer"  
 H. Daimon  
*Journal of Electron Spectroscopy and Related Phenomena*, **124**, (2002), 139-149
- [42] "Magnetic Microspectroscopy by a Combination of XMCD and PEEM"  
 S. Imada, S. Suga, W. Kuch, J. Kirschner  
*Surface Review and Letters*, **9**, (2002), 877-881
- [43] "Bulk-Sensitive Photoemission of  $Mn_5Si_3$ "  
 A. Iriyama, A. Yamasaki, M. Okazaki, S. Kasai, A. Sekiyama, S. Imada, S. Suga, E. Kulatov, H. Ohta, T. Nanba  
*Solid State Communications*, **124**, (2002), 1-5
- [44] "High-Resolution Resonance Photoemission Study of  $CeMX$  ( $M = Pt, Pd; X = P, As, Sb$ )"  
 T. Iwasaki, A. Sekiyama, A. Yamasaki, M. Okazaki, K. Kadono, H. Utsunomiya, S. Imada, Y. Saitoh, T. Muro, T. Matsushita, H. Harima, S. Yoshii, M. Kasaya, A. Ochiai, T. Oguchi, K. Katoh, Y. Niide, K. Takegahara, S. Suga  
*Physical Review B*, **65**, (2002), 195109

- [45] "Bulk-Sensitive Photoemission Spectroscopy of  $A_2\text{FeMoO}_6$  Double Perovskites ( $A=\text{Sr, Ba}$ )"  
J. -S. Kang, J. H. Kim, A. Sekiyama, S. Kasai, S. Suga, S. W. Han, K. H. Kim, T. Muro, Y. Saitoh, C. Hwang, C. G. Olson, B. J. Park, B. W. Lee, J. H. Shim, J. H. Park, B. I. Min  
*Physical Review B*, **66**, (2002), 113105
- [46] "Magnetic Circular Dichroism Spectra of  $\text{MnPt}_3/\text{Co}$  Multilayers"  
T. Kato, Y. Fujiwara, S. Iwata, S. Tsunashima  
*Journal of Magnetism and Magnetic Materials*, **240**, (2002), 517-519
- [47] "Magnetic Circular Dichroism of Polycrystalline  $(\text{Mn}_{1-x}\text{Cr}_x)\text{Pt}_3$  and Epitaxial  $\text{CrPt}_3$  Alloy Films"  
T. Kato, K. Sugihara, H. Ito, A. Kobayashi, Y. Fujiwara, S. Iwata, S. Tsunashima  
*Transactions of the Magnetics Society of Japan*, **2**, (2002), 98-103
- [48] "Direct Experimental Verification of Applicability of Single-Site Model for Angle Integrated Photoemission of Small  $T_K$  Concentrated Ce Compounds"  
H. Kim, J. W. Allen, J. -H. Park, A. Sekiyama, A. Yamasaki, K. Kadono, S. Suga, Y. Saitoh, T. Muro, E. J. Freeman, N. A. Frederick, M. B. Maple  
*Physica B*, **312-313**, (2002), 673-674
- [49] "Angle-Resolved Soft X-Ray Photoemission for the Valence Band of Graphite"  
T. Matsushita, T. Muro, Y. Saitoh, T. Nakatani, A. Sekiyama, S. Suga  
*Surface Review and Letters*, **9**, (2002), 1321-1326
- [50] "Precursor Nonmagnetic States of  $\text{PrFe}_4\text{P}_{12}$  and  $\text{CePd}_3$  Detected by Core Excitation MCD"  
T. Miyahara, H. Ishii, K. Obu, M. Shinoda, Y. Takayama, T. Muro, Tatsuma D. Matsuda, H. Sugawara, H. Sato  
*Surface Review and Letters*, **9**, (2002), 831-835
- [51] "Stereo-Microscopy of Atomic Arrangements on Thin Films Using Circular Dichroism in X-Ray Photoelectron Angular Distribution"  
S. Okamoto, A. Nakamoto, S. Hayashi, K. Fukumoto, T. Nakatani, T. Matsushita, K. Hattori, H. Daimon  
*Transactions of the Magnetics Society of Japan*, **2**, (2002), 228-233
- [52] "Electronic Structure of  $\text{Yb}_X\text{Cu}_4$  ( $X=\text{In, Cd, Mg}$ ) Investigated by High-Resolution Photoemission Spectroscopy"  
H. Sato, K. Hiraoka, M. Taniguchi, Y. Takeda, M. Arita, K. Shimada, H. Namatame, A. Kimura, K. Kojima, T. Muro, Y. Saitoh, A. Sekiyama, S. Suga  
*Journal of Synchrotron Radiation*, **9**, (2002), 229-232
- [53] "Itinerant Bulk 4f Character of Strongly Valence-Fluctuating  $\text{CeRu}_2$  Observed by High-Resolution Ce 3d-4f Resonance Photoemission"  
A. Sekiyama, S. Suga, S. Ueda, S. Imada, K. Matsuda, T. Iwasaki, M. Hedo, E. Yamamoto, Y. Haga, Y. Onuki, Y. Saitoh, T. Matsushita, T. Nakatani, M. Kotsugi, S. Tanaka, H. Harima  
*Solid State Communications*, **121**, (2002), 561-564
- [54] "Bulk-Sensitive High-Energy and High-Resolution Photoemission Study of Strongly Correlated Ce Compounds"  
A. Sekiyama, S. Suga  
*Physica B*, **312-313**, (2002), 634-639
- [55] "High-Resolution Photoelectron Spectroscopy of Heusler-Type  $\text{Fe}_2\text{VAI}$  Alloy"  
K. Soda, T. Mizutani, O. Yoshimoto, S. Yagi, U. Mizutani, H. Sumi, Y. Nishino, Y. Yamada, T. Yokoya, S. Shin, A. Sekiyama, S. Suga  
*Journal of Synchrotron Radiation*, **9**, (2002), 233-236
- [56] "Recent Development in Soft X-Ray Spectroscopy of Correlated Materials: High Resolution Absorption and Bulk-Sensitive Photoemission"  
S. Suga  
*Surface Review and Letters*, **9**, (2002), 1221-1228
- [57] "Transport Properties and Mangetoresistance of  $(\text{RE}, \text{Sr})_2\text{NiO}_4$  ( $\text{RE}=\text{Pr, Nd, Sm and Eu}$ )"  
K. Sugiyama, H. Nozaki, T. Takeuchi, H. Ikuta  
*Journal of Physics and Chemistry of Solids*, **63**, (2002), 979-982
- [58] "High-Resolution Photoemission Spectroscopy for the Layered Antiferromagnetic  $(\text{La}_{1-z}\text{Nd}_z)_{0.46}\text{Sr}_{0.54}\text{MnO}_3$ "  
T. Takeuchi, H. Nozaki, K. Soda, T. Kondo, U. Mizutani, T. Yokoya, T. Sato, T. Takahashi, S. Shin, T. Muro, Y. Saitoh, Y. Moritomo  
*Journal of Synchrotron Radiation*, **9**, (2002), 237-241

- [59] "Orbital Angular Momentum And Interpretation of Core-Absorption Magnetic Circular Dichroism on the Band Picture in Co-Based Heusler Alloys  $\text{Co}_2\text{YSn}$  ( $\text{Y}=\text{Ti}, \text{Zr}, \text{and Nb}$ )"  
A. Yamasaki, S. Imada, R. Arai, U. Utsunomiya, S. Suga, T. Muro, Y. Saito, T. Kanomata, S. Ishida  
Physical Review B, **65**, (2002), 104410
- [60] "Angle-Resolved Photoemission Spectroscopy and Magnetic Circular Dichroism in Fe-Intercalated  $\text{TiS}_2$ "  
A. Yamasaki, S. Imada, A. Sekiyama, S. Suga, T. Matsushita, T. Muro, Y. Saitoh, H. Negishi, M. Sasaki  
Surface Review and Letters, **9**, (2002), 961-966
- [61] "Magnetic Circular Dichroism in the Soft X-ray Absorption Spectra of Co-Based Heusler Alloys"  
A. Yamasaki, S. Imada, S. Suga, T. Kanomata, S. Ishida  
Surface Review and Letters, **9**, (2002), 955-960
- [62] "Magnetism and Transport of  $\text{Ln}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$  ( $\text{L}=\text{Pr}, \text{Nd}, \text{Sm}, \text{Eu and Gd}$ )"  
K. Yoshii, A. Nakamura, H. Abe, M. Mizumaki, T. Muro  
Journal of Magnetism and Magnetic Materials, **239**, (2002), 85-87  
[2003]
- [63] "Magnetic Circular Dichroism of  $\text{LaMn}_{1-x}\text{Al}_x\text{O}_{3+\delta}$  Series of Samples"  
A. Banerjee, S. M. Chaudhari, R. V. Krishnan, B. A. Dasannacharya, T. Muro, Y. Saitoh, S. Imada, S. Suga  
Nuclear Instruments and Methods in Physics Research Section B, **199**, (2003), 308-312
- [64] "Auger Effect in High-Resolution Ce 3d-Edge Resonant Photoemission"  
E. Cho, R. -J. Jung, B. -H. Choi, S. -J. Oh, T. Iwasaki, A. Sekiyama, S. Imada, S. Suga, T. Muro, J. -G. Park, Y. S. Kwon  
Physical Review B, **67**, (2003), 155107
- [65] "Soft-X-Ray Magnetic-Circular-Dichroism Study of the Colossal-Magnetoresistance Spinel  $\text{Fe}_{0.5}\text{Cu}_{0.5}\text{Cr}_2\text{S}_4$ "  
A. Deb, M. Mizumaki, T. Muro, Y. Sakurai, V. Tsurkan  
Physical Review B, **68**, (2003), 014427
- [66] "Helicity Switching of Circularly Polarized Undulator Radiation by Local Orbit Bumps"  
T. Hara, K. Shirasawa, M. Takeuchi, T. Seike, Y. Saito, T. Muro, H. Kitamura  
Nuclear Instruments and Methods in Physics Research Section A, **498**, (2003), 496-502
- [67] "High Resolution Photoemission Study of  $\text{Cd}_2\text{Re}_2\text{O}_7$ "  
A. Iriizawa, A. Higashiya, S. Kasai, T. Sasabayashi, A. Shigemoto, A. Sekiyama, S. Imada, S. Suga, H. Sakai, H. Ohno, M. Kato, K. Yoshimura  
Acta Physica Polonica B, **34**, (2003), 553-556
- [68] "Soft X-Ray Magnetic Circular Dichroism of  $c(2\times 2)$  CuMn Ordered Surface Alloy"  
A. Kimura, T. Kanbe, T. Xie, S. Qiao, M. Taniguchi, T. Muro, S. Imada, S. Suga  
Japanese Journal of Applied Physics, **42**, (2003), 4692-4694
- [69] "Verification of Ni Magnetic Moment in  $\text{GdNi}_2$  Laves Phase by Magnetic Circular Dichroism Measurement"  
M. Mizumaki, K. Yano, I. Umehara, F. Ishikawa, K. Sato, A. Koizumi, N. Sakai, T. Muro  
Physical Review B, **67**, (2003), 132404
- [70] "Prominent Quasiparticle Peak in the Photoemission Spectrum of the Metallic Phase of  $\text{V}_2\text{O}_3$ "  
S. Mo, J. D. Denlinger, H. Kim, J. -H. Park, James W. Allen, A. Sekiyama, A. Yamasaki, K. Kadono, S. Suga, Y. Saitoh, T. Muro, P. Metcalf, G. Keller, K. Held, V. Eyert, Vladimir I. Anisimov, D. Vollhardt  
Physical Review Letters, **90**, (2003), 186403
- [71] "Application of Atomic Stereomicroscope to Surface Science"  
T. Nakatani, T. Matsushita, Y. Miyatake, K. Fukumoto, A. Kobayashi, A. Hattori, S. Okamoto, A. Nakamoto, F. Matsui, K. Hattori, M. Kotsugi, Y. Saitoh, S. Suga, H. Daimon, T. Nohno  
Progress in Surface Science, **71**, (2003), 217-239
- [72] "High-Resolution Resonance Photoemission Study of CeNi"  
A. Sekiyama, K. Kadono, T. Iwasaki, S. Imada, S. Kasai, S. Suga, S. Araki, Y. Onuki  
Acta Physica Polonica B, **34**, (2003), 1105-1108
- [73] "Measurements of Temperature Dependence of "Localized Susceptibility""  
H. Shiozawa, T. Miyahara, H. Ishii, Y. Takayama, K. Obu, T. Muro, Y. Saitoh, Tatsuma D. Matsuda, H. Sugawara, H. Sato  
Nuclear Instruments and Methods in Physics Research Section B, **199**, (2003), 318-322

- [74] "Local Magnetic Susceptibility in Rare-Earth Compounds"  
H. Shiozawa, T. Miyahara, K. Obu, Y. Takayama, H. Ishii, Tatsuma D. Matsuda, H. Sugawara, H. Sato, T. Muro, Y. Saitoh  
Journal of the Physical Society of Japan, **72**, (2003), 2079-2084
- [75] "Magnetic Properties of Mn Ultrathin Film on Ni(110)"  
T. Xie, A. Kimura, T. Kanbe, S. Qiao, T. Muro, M. Taniguchi, S. Imada, S. Suga  
Japanese Journal of Applied Physics, **42**, (2003), 4695-4697  
[2004]
- [76] "Oxygen Adsorption Effect on the Mn 2p XAS and XMCD Spectra of  $c(2 \times 2)$ CuMn/Cu(001) Two-Dimensional Surface Alloy"  
S. Asanao, A. Kimura, T. Kambe, T. Xie, S. Qiao, T. Muro, S. Imada, S. Suga, M. Taniguchi  
Physica B, **351**, (2004), 355-357
- [77] "Stereoscopic Photographs of Atomic Arrangements in MoS<sub>2</sub> Single-Crystal"  
F. Guo, F. Matsui, M. Fujikado, T. Matsushita, H. Daimon  
Applied Surface Science, **237**, (2004), 616-620
- [78] "Soft X-ray Magnetic Circular Dichroism of Cr-doped GaN"  
H. Makino, J. Kim, T. Nakamura, T. Muro, K. Kobayashi, T. Yao  
Current Applied Physics, **4**, (2004), 615-617
- [79] "Visualization of Graphite Atomic Arrangement by Stereo Atomscope"  
F. Matsui, H. Daimon, F. Guo, T. Matsushita  
Applied Physics Letters, **85**, (2004), 3737-3739
- [80] "Bulk-Sensitive High-Resolution Photoemission Study of a Temperature-Induced Valence Transition System EuPd<sub>2</sub>Si<sub>2</sub>"  
K. Mimura, Y. Taguchi, S. Fukuda, A. Mitsuda, J. Sakurai, K. Ichikawa, O. Aita  
Journal of Electron Spectroscopy and Related Phenomena, **137-140**, (2004), 529-533
- [81] "Temperature Dependence of Eu 4f States in EuPd<sub>2</sub>Si<sub>2</sub>: Bulk-Sensitive High-Resolution Photoemission Study"  
K. Mimura, Y. Taguchi, S. Fukuda, A. Mitsuda, J. Sakurai, K. Ichikawa, O. Aita  
Physica B, **351**, (2004), 292-294
- [82] "High-Resolution Resonant Photoemission Study of CeSi"  
K. Mimura, Y. Watanabe, H. Mizohata, K. Ichikawa, Y. Taguchi, O. Aita, A. Yamasaki, A. Sekiyama, S. Suga, T. Oguchi, S. Noguchi, O. Sakai, T. Muro  
Physica B, **351**, (2004), 295-297
- [83] "Interpretation of Difference between Bulk Magnetic Susceptibility and "Local Magnetic Susceptibility" Detected by Core Excitation Magnetic Circular Dichroism"  
T. Miyahara, H. Shiozawa  
Journal of Electron Spectroscopy and Related Phenomena, **136**, (2004), 117-123
- [84] "Orbital Magnetic Moment of "half-metallic" Co<sub>2</sub>MnGe"  
K. Miyamoto, A. Kimura, K. Iori, T. Xie, K. Sakamoto, T. Moko, S. Qiao, M. Taniguchi, K. Tsuchiya  
Physica B, **351**, (2004), 347-350
- [85] "Element-Resolved Magnetic Moments of Heusler-Type Ferromagnetic Ternary Alloy Co<sub>2</sub>MnGe"  
K. Miyamoto, A. Kimura, K. Iori, K. Sakamoto, T. Xie, T. Moko, S. Qiao, M. Taniguchi, K. Tsuchiya  
Journal of Physics: Condensed Matter, **16**, (2004), S5797-S5800
- [86] "Filling of the Mott-Hubbard Gap in the High Temperature Photoemission Spectrum of (V<sub>0.972</sub>Cr<sub>0.028</sub>)<sub>2</sub>O<sub>3</sub>"  
S. Mo, James W. Allen, H. Kim, A. Sekiyama, A. Yamasaki, S. Suga, J.-H. Park, J. D. Denlinger, P. Metcalf, K. Held  
Physical Review Letters, **93**, (2004), 076404
- [87] "Distortion of V 3d Line Shape due to Auger Emission in Resonant Photoemission Spectra of (V<sub>1-x</sub>Cr<sub>x</sub>)<sub>2</sub>O<sub>3</sub> at the V 2p → 3d Absorption Edge"  
S. Mo, J. W. Allen, H. Kim, A. Sekiyama, A. Yamasaki, S. Suga, J. D. Denlinger, Y. Saitoh, T. Muro, P. Metcalf  
Physica B, **351**, (2004), 235-239
- [88] "Measurement and Multiple-Scattering Calculation of Cu K-edge X-ray Magnetic Circular Dichroism Spectra from an Exchange-Coupled Co/Cu Multilayer"  
S. Nagamatsu, H. Matsumoto, T. Fujikawa, K. Ishiji, H. Hashizume  
Physical Review B, **70**, (2004), 174442

- [89] "Induced Magnetic Polarization in Cu Layers of Gd/Cu Multilayers Studied by X-ray Magnetic Circular Dichroism"  
T. Ohkochi, N. Hosoi, K. Mibu, H. Hashizume  
Journal of the Physical Society of Japan, **73**, (2004), 2212-2218
- [90] "Spin and Orbital Electronic States of Sm 4f Electrons in (Sm, Gd)Al<sub>2</sub>"  
S. Qiao, A. Kimura, H. Adachi, T. Kambe, K. Yoshikawa, K. Yaji, C. Hirai, H. Sato, Y. Takeda, H. Namatame, M. Taniguchi, A. Tanaka, T. Muro, S. Imada, S. Suga  
Physica B, **351**, (2004), 333-337
- [91] "Direct Evidence of Ferromagnetism without Net Magnetization Observed by X-ray Magnetic Circular Dichroism"  
S. Qiao, A. Kimura, H. Adachi, K. Iori, K. Miyamoto, T. Xie, H. Namatame, M. Taniguchi, A. Tanaka, T. Muro, S. Imada, S. Suga  
Physical Review B, **70**, (2004), 134418
- [92] "Soft-X-ray High-Resolution Photoemission Study on the Valence Transitions in YbInCu<sub>4</sub>"  
H. Sato, K. Yoshikawa, K. Hiraoka, M. Arita, K. Fujimoto, K. Kojima, T. Muro, Y. Saitoh, A. Sekiyama, S. Suga, M. Taniguchi  
Physical Review B, **69**, (2004), 165101
- [93] "High-Energy Bulk-Sensitive Angle-Resolved Photoemission Study of Strongly Correlated Systems"  
A. Sekiyama, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **137-140**, (2004), 681-685
- [94] "Technique for Bulk Fermiology by Photoemission Applied to Layered Ruthenates"  
A. Sekiyama, S. Kasai, M. Tsunekawa, Y. Ishida, M. Sing, A. Irizawa, A. Yamasaki, S. Imada, T. Muro, Y. Saitoh, Y. Onuki, T. Kimura, Y. Tokura, S. Suga  
Physical Review B, **70**, (2004), 060506
- [95] "Mutual Experimental and Theoretical Validation of Bulk Photoemission Spectra of Sr<sub>1-x</sub>Ca<sub>x</sub>VO<sub>3</sub>"  
A. Sekiyama, H. Fujiwara, S. Imada, S. Suga, H. Eisaki, S. Uchida, K. Takegahara, H. Harima, Y. Saitoh, I. Nekrasov, G. Keller, D. Kondakov, A. Kozhevnikov, T. Pruschke, K. Held, D. Vollhardt, Vladimir I. Anisimov  
Physical Review Letters, **93**, (2004), 156402
- [96] "Magnetic Circular Dichroism at Fe and V L<sub>2,3</sub> Thresholds of Heusler-type Fe<sub>2-x</sub>V<sub>1+x</sub>Al"  
K. Soda, H. Murayama, S. Yagi, M. Kato, T. Takeuchi, U. Mizutani, S. Imada, S. Suga, Y. Saitoh, T. Muro, H. Sumi, Y. Nishino  
Physica B, **351**, (2004), 338-340
- [97] "X-ray Angle-Resolved Photoemission Spectroscopy of CaB<sub>6</sub>"  
S. Souma, T. Takahashi, H. Komatsu, T. Sato, H. Matsui, N. Kimura, H. Aoki, S. Kunii, J. Akimitsu  
Physical Review B, **70**, (2004), 073104
- [98] "High-Energy Angle-Resolved Photoemission Spectroscopy Probing Bulk Correlated Electronic States in Quasi-One-Dimensional V<sub>6</sub>O<sub>13</sub> and SrCuO<sub>2</sub>"  
S. Suga, A. Shigemoto, A. Sekiyama, S. Imada, A. Yamasaki, A. Irizawa, S. Kasai, Y. Saitoh, T. Muro, N. Tomita, K. Nasu, H. Eisaki, Y. Ueda  
Physical Review B, **70**, (2004), 155106
- [99] "Contribution of Electronic Structure to the Large Thermoelectric Power in Layered Cobalt Oxides"  
T. Takeuchi, T. Kondo, T. Takami, H. Takahashi, H. Ikuta, U. Mizutani, K. Soda, R. Funahashi, M. Shikano, M. Mikami, S. Tsuda, T. Yokoya, S. Shin, T. Muro  
Physical Review B, **69**, (2004), 125410
- [100] "Experimental Evidence for the p-d Hybridization in the Cd-Ca Quasicrystal: Origin of the Pseudogap"  
R. Tamura, T. Takeuchi, C. Aoki, S. Takeuchi, T. Kisu, T. Yokoya, S. Shin  
Physical Review Letters, **92**, (2004), 146402
- [101] "Soft X-ray Spectroscopy Study of Mn Nanoclusters on Si(111)-7 x 7 Surface"  
T. Xie, A. Kimura, S. Qiao, K. Iori, K. Miyamoto, M. Taniguchi, M. Pan, J. Jia, Q. Xue  
Physica B, **351**, (2004), 351-354
- [102] "X-ray Magnetic Circular Dichroism at L<sub>23</sub> Edge of Co Nanoclusters on Si(111) Surface"  
T. Xie, A. Kimura, S. Qiao, T. Moko, T. Muro, M. Taniguchi, M. Pan, J. Jia, Q. Xue  
Journal of Physics: Condensed Matter, **16**, (2004), S5783-S5786

- [103] "Electronic Structure of  $\text{Cr}_{1-\delta}X$  ( $X=\text{S}, \text{Te}$ ) Studied by Cr 2p Soft X-ray Magnetic Circular Dichroism"  
K. Yaji, A. Kimura, C. Hirai, M. Taniguchi, M. Koyama, H. Sato, K. Shimada, A. Tanaka, T. Muro, S. Imada, S. Suga  
Physical Review B, **70**, (2004), 064402
- [104] "Soft X-ray Magnetic Circular Dichroism Study of  $\text{Cr}_5\text{S}_6$ "  
K. Yaji, M. Koyama, A. Kimura, C. Hirai, H. Sato, K. Shimada, A. Tanaka, M. Taniguchi  
Physica B, **351**, (2004), 344-346
- [105] "Possible Kondo Resonance in  $\text{PrFe}_4\text{P}_{12}$  Studied by Bulk-Sensitive Photoemission"  
A. Yamasaki, S. Imada, T. Nanba, A. Sekiyama, H. Sugawara, H. Sato, C. Sekine, I. Shirotani, H. Harima, S. Suga  
Physical Review B, **70**, (2004), 113103  
[2005]
- [106] "The Kondo Resonance in Electron Spectroscopy"  
J. Allen  
Journal of the Physical Society of Japan, **74**, (2005), 34-48
- [107] "Magnetism-Induced Symmetry Breaking in Photoelectron Diffraction Patterns"  
A. Chassé, W. Kuch, M. Kotsugi, X. Gao, F. Offi, S. Imada, S. Suga, H. Daimon, J. Kirschner  
Physical Review B, **71**, (2005), 014444
- [108] "High-Resolution Photoemission Study of  $\text{Nd}_{1-x}\text{Sr}_x\text{MnO}_3$ "  
H. Fujiwara, A. Sekiyama, A. Higashiya, K. Kounoike, M. Tsunekawa, A. Yamasaki, A. Irizawa, S. Imada, T. Muro, K. Noda, H. Kuwahara, Y. Tokura, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 807-809
- [109] "Atomic Stereo-Photographs of Cu Single Crystal Taken by Stereo Atomscope"  
F. Guo, F. Matui, T. Matsushita, H. Daimon  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 1067-1070
- [110] "Dynamic Observation of Sn/Si(111) Surface Structures by Low Energy Electron Microscope"  
F. Guo, K. Kobayashi, T. Kinoshita  
e-Journal of Surface Science and Nanotechnology, **3**, (2005), 305-352
- [111] "Temperature-Dependent Magnetic Circular Dichroism in Mn 2p X-ray Absorption Spectra of  $\text{Nd}_{1-x}\text{Sr}_x\text{MnO}_3$ "  
A. Higashiya, H. Fujiwara, A. Sekiyama, K. Kounoike, A. Yamasaki, S. Imada, S. Suga, H. Kuwahara, Y. Tokura  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 761-763
- [112] "Photoemission of Heavy Fermion Superconductor  $\text{PrOs}_4\text{Sb}_{12}$  and Other Pr Compounds"  
S. Imada, Y. Fukuda, A. Yamasaki, A. Sekiyama, H. Sugawara, H. Sato, A. Ochiai, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 651-653
- [113] "Ferromagnetic Metal to Spin-Glass Insulator Transition in Pyrochlore-Type Molybdates  $\text{R}_2\text{Mo}_2\text{O}_7$  Studied with Photoemission and XMCD"  
S. Imada, A. Higashiya, M. Okazaki, M. Kashida, A. Sekiyama, Y. Taguchi, M. Iwama, K. Ogusi, Y. Tokura, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 711-713
- [114] "Role of Ag Doping in  $\text{Ba}_8\text{Si}_{46}$  Compounds"  
N. Kamakura, T. Nakano, Y. Ikemoto, M. Usuda, H. Fukuoka, S. Yamanaka, S. Shin, K. Kobayashi  
Physical Review B, **72**, (2005), 014511
- [115] "Bulk Electronic State of High- $T_c$  Cuprate  $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$  Observed by High-Energy Angle Integrated and Resolved Photoemission Spectroscopy"  
S. Kasai, A. Sekiyama, M. Tsunekawa, P. Ernst, A. Shigemoto, A. Yamasaki, A. Irizawa, S. Imada, M. Sing, T. Muro, T. Sasagawa, H. Takagi, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 507-509
- [116] "Development of Soft X-ray Magnetic Circular Dichroism Spectrometer using a 1.9 T Electromagnet at BL25SU of SPring-8"  
T. Nakamura, T. Muro, F. Guo, T. Matsushita, T. Wakita, T. Hirono, Y. Takeuchi, K. Kobayashi  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 1035-1038
- [117] "Soft X-ray Magnetic Circular Dichroism Study of  $\text{Al}_{40}\text{Mn}_{25}\text{Fe}_{15}\text{Ge}_{20}$  Decagonal Quasicrystal"  
T. Nakamura, Y. Yokoyama, N. Kamakura, T. Matsushita, T. Hirono, T. Muro, K. Kobayashi  
Nuclear Instruments and Methods in Physics Research Section B, **238**, (2005), 251-254
- [118] "Interface Effects on the Magnetic Moment of Co and Cu in CoCu Granular Alloys"  
A. García Prieto, L. Fernandez-Gubieda, J. Chaboy, M. Laguna, T. Muro, T. Nakamura  
Physical Review B, **72**, (2005), 212403

- [119] "Temperature Dependence of Spin and Orbital Magnetic Moments of Sm 4f Electrons in (Sm,Gd)Al<sub>2</sub>"  
S. Qiao, A. Kimura, H. Adachi, K. Iori, K. Miyamoto, T. Xie, H. Namatame, M. Taniguchi, A. Tanaka, T. Muro, S. Imada, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 749-752
- [120] "High-Resolution Soft X-ray Photoemission Study of a Kondo Semiconductor and Related Compounds"  
A. Sekiyama, Y. Fujita, M. Tsunekawa, S. Kasai, A. Shigemoto, S. Imada, T. Nanba, D. T. Adroja, T. Yoshino, F. Iga, T. Takabatake, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 655-657
- [121] "Soft X-ray Photoemission Study of CaB<sub>6</sub>"  
A. Sekiyama, T. Sasabayasi, A. Higashiya, H. Fujiwara, S. Imada, K. Taniguchi, H. Takagi, T. Katsufuji, K. Kitazawa, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 659-661
- [122] "Angle Resolved Photoemission Study of Quasi One-Dimensional SrCuO<sub>2</sub> by Soft X-ray Excitation"  
A. Shigemoto, A. Sekiyama, S. Imada, A. Yamasaki, S. Kasai, T. Muro, Y. Saitoh, H. Eisaki, N. Tomita, N. Nasu, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 349-350
- [123] "High Resolution Soft X-ray Photoemission of Kondo Insulator YbB<sub>12</sub>"  
A. Shigemoto, S. Imada, A. Sekiyama, A. Yamasaki, A. Irizawa, T. Muro, Y. Saitoh, F. Iga, T. Takabatake, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 671-673
- [124] "Bulk Sensitive Photoemission Studies of Metal-Insulator Transitions in V<sub>6</sub>O<sub>13</sub> and VO<sub>2"</sub>  
A. Shigemoto, S. Suga, A. Sekiyama, S. Imada, A. Yamasaki, A. Irizawa, S. Kasai, T. Muro, Y. Saitoh, Y. Ueda, K. Yoshimura  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 837-839
- [125] "Characterization of Transparent Ferromagnetic Fe:ZnO Semiconductor Films Chemically Prepared from Aqueous Solutions"  
T. Shinagawa, M. Izaki, H. Inui, K. Murase, Y. Awakura  
Journal of Electrochemical Society, **152**, (2005), G736-G741
- [126] "Bulk Electronic Structures of n-Type Superconductor Nd<sub>1.85</sub>Ce<sub>0.15</sub>CuO<sub>4</sub> Probed by High Energy Angle-Resolved Photoemission Spectroscopy"  
M. Tsunekawa, A. Sekiyama, S. Kasai, A. Yamasaki, H. Fujiwara, M. Sing, A. Shigemoto, S. Imada, Y. Onose, Y. Tokura, T. Muro, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 541-543
- [127] "Soft X-ray Photoemission Study of Organic Conductors BEDT-TTF and BEDO-TTF Salts"  
M. Tsunekawa, A. Sekiyama, S. Imada, T. Saita, M. Maesato, H. Yamochi, G. Saito, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 275-277
- [128] "Cr 2p XMCD Spectra of Ferromagnetic Cr<sub>1-δ</sub>Te: A Configuration Interaction Picture"  
K. Yaji, A. Kimura, M. Koyama, C. Hirai, H. Sato, K. Shimada, A. Tanaka, T. Muro, M. Taniguchi  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 745-747
- [129] "Hard and Soft X-ray Photoemission Spectroscopies of Ferromagnetic Sm<sub>4</sub>As<sub>3</sub>"  
A. Yamasaki, A. Sekiyama, M. Tsunekawa, S. Imada, A. Ochiai, C. Dallera, L. Braicovich, T. Lee, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 617-619
- [130] "Bulk-Sensitive Photoemission Spectroscopy of Pr-Based Filled Skutterudites"  
A. Yamasaki, S. Imada, A. Sekiyama, M. Tsunekawa, T. Nanba, C. Dallera, L. Braicovich, T. Lee, H. Sugawara, H. Sato, C. Sekine, I. Shirotani, R. Settai, Y. Onuki, H. Harima, S. Suga  
Journal of Electron Spectroscopy and Related Phenomena, **144-147**, (2005), 621-623
- [131] "Bulk Sensitive Photoelectron Spectroscopy with Soft and Hard X-rays: Soft X-ray ARPES toward High Resolution HAXPES"  
A. Yamasaki, A. Sekiyama, S. Imada, M. Tsunekawa, A. Shigemoto, A. Higashiya, S. Suga  
Nuclear Instruments and Methods in Physics Research A, **547**, (2005), 136-150
- [132] "Photoemission Spectroscopy of Sm<sub>4</sub>As<sub>3</sub> Using Soft and Hard X-rays"  
A. Yamasaki, A. Sekiyama, S. Imada, M. Tsunekawa, C. Dallera, L. Braicovich, T. Lee, S. Suga  
Journal of the Physical Society of Japan, **74**, (2005), 2538-2543
- [133] "Revelation of Ni Magnetic Moment in GdNi Single Crystal by Soft X-ray Magnetic Circular Dichroism"  
K. Yano, I. Umehara, K. Sato, Y. Alexander  
Solid State Communications, **136**, (2005), 67-70

- [134] "Absence of Strong Correlation in Li<sub>2</sub>Pd<sub>3</sub>B"  
T. Yokoya, T. Muro, I. Hase, H. Takeya, K. Hirata, K. Togano  
Physical Review B, **71**, (2005), 092507
- [135] "Origin of the Metallic Properties of Heavily Boron-Doped Superconducting Diamond"  
T. Yokoya, T. Nakamura, T. Matsushita, T. Muro, Y. Takano, M. Nagao, T. Takenouchi, H. Kawarada, T. Oguchi  
Nature, **438**, (2005), 647-950
- [2006]
- [136] "Atomic Stereophotograph of Intercalation Compound Fe<sub>1/3</sub>NbS<sub>2</sub>"  
F. Guo, T. Matsushita, K. Kobayashi, F. Matsui, Y. Kato, H. Daimon, M. Koyano, Y. Yamamura, T. Tsuji, Y. Saitoh  
Journal of Applied Physics, **99**, (2006), 024907
- [137] "MCD study on Ce<sub>x</sub>La<sub>1-x</sub>Ni: Difference between the "Local" and "Coherent" Kondo Effect"  
T. Miyahara, S. Nakamura, T. Yoshida, Y. Takayama, T. Nakamura  
Journal of Physical Society of Japan, **75**, (2006), 044707
- [138] "Thermal Phase Transformation of ZnO-Based Transparent Ferromagnetic Composite Films and the Change in Magnetic Characteristics"  
T. Shinagawa, M. Izaki, Y. Matsumura, T. Uruga, T. Nakamura, K. Murase, Y. Awakura  
Journal of the Electrochemical Society, **153**, (2006), G168-G174
- [139] "Microstructure and Electronic Structure of Transparent Ferromagnetic ZnO-Spinel Iron Oxide Composite Films"  
T. Shinagawa, M. Izaki, H. Inui, K. Murase, Y. Awakura  
Chemistry of Materials, **18**, (2006), 763-770

## BL27SU

## Refereed Journals

[1998]

- [1] "Thermal and Deformation Analyses of Side-Cooled Monochromator Mirrors for the SPring-8/Figure-8 Soft X-Ray Undulator"  
N. Kihara, K. Mashima, S. Miura, A. Miyaji, K. Wakamiya, S. Takahashi, M. Kageyama, S. Ichikawa  
Journal of Synchrotron Radiation, **5**, (1998), 811-813
- [2] "Soft X-Ray Photochemistry Beamline at SPring-8"  
I. Koyano, M. Okuyama, E. Ishiguro, A. Hiraya, H. Ohashi, T. Kanashima, K. Ueda, Isao H. Suzuki, T. Ibuki  
Journal of Synchrotron Radiation, **5**, (1998), 545-547
- [3] "An Insertion Device for the Soft X-Ray Photochemistry Beamline at SPring-8"  
T. Tanaka, X. Marechal, T. Hara, T. Tanabe, H. Kitamura  
Journal of Synchrotron Radiation, **5**, (1998), 459-461

[1999]

- [4] "Design of a Monochromator with Varied Line Space Plane Gratings for a Soft X-Ray Undulator Beamline of SPring-8"  
E. Ishiguro, H. Ohashi, L. Lu, W. Watari, M. Kamizato, T. Ishikawa  
Journal of Electron Spectroscopy and Related Phenomena, **101-103**, (1999), 979-984
- [5] "Construction and Performance of a Figure-8 Undulator"  
T. Tanaka, T. Hara, M. Oura, H. Ohashi, H. Kimura, S. Goto, Y. Suzuki, H. Kitamura  
Review of Scientific Instruments, **70**, (1999), 4153-4160

[2000]

- [6] "Nuclear Motion in the O 1s<sup>-1</sup> 2 π<sub>u</sub> Core-Excited States of CO<sub>2</sub> Probed by Sub-Natural-Width Resonant Auger Emission Spectroscopy"  
Y. Muramatsu, Y. Shimizu, H. Yoshida, K. Okada, N. Saito, I. Koyano, H. Tanaka, K. Ueda  
Chemical Physics Letters, **330**, (2000), 91-96
- [7] "Resonant Auger Spectrum Following Kr:2p→5s Photoexcitation"  
S. Nagaoka, T. Ibuki, N. Saito, Y. Shimizu, Y. Senba, K. Kamimori, Y. Tamenori, H. Ohashi, Isao H. Suzuki  
Journal of Physics B: Atomic, Molecular and Optical Physics, **33**, (2000), L605-L610