

Publication List

Enhanced Silicon Oxidation on Titanium-Covered Si(001)

S. Ohno, K. Shudo, F. Nakayama, Y. Ichikawa, M. Tanaka, T. Okuda, A. Harasawa, I. Matsuda and A. Kakizaki
J. Phys. Condens. Matter **23**, 305001(2011).

Valence Band Structure and Magnetic Properties of Co-doped Fe₃O₄(100) Films

F. Y. Ran, Y. Tsunemaru, T. Hasegawa, Y. Takeichi, A. Harasawa, K. Yaji, S. Kim and A. Kakizaki
J. Appl. Phys. **109**, 123919(2011).

Local Atomic and Electronic Structure of Au-Adsorbed Ge(001) Surfaces: Scanning Tunneling Microscopy and X-Ray Photoemission Spectroscopy

R. Niikura, K. Nakatsuji and F. Komori
Phys. Rev. B **83**, 35311 (2011).

Isotope Effect and Lanthanide Contraction for 3d-4f Cyanide-Bridged Complexes Exhibiting Negative Thermal Expansion

Y. Kimoto, T. Matsui and T. Akisu
The Open Crystallography J. **4**, 16 (2011).

Atomic configuration and phase transition of Pt-induced nanowires on a Ge(001) surface studied using scanning tunneling microscopy, reflection high-energy positron diffraction, and angle-resolved photoemission spectroscopy

I. Mochizuki, Y. Fukaya, and A. Kawasuso
Phys. Rev. B **85**, 245438 (2012).

Electronic Structure of La_{0.6}Sr_{0.4}FeO₃ Thin Film by Soft-X-Ray Spectroscopy

T. Higuchi, M. Matsumoto, W. Yang, P. O.-Velasco, J. Chen, Y. Liu, and J.-H Guo
Trans. Mater. Res. Soc. Jpn. **36**, 1(2011).

Electronic Structure of BiFe_{1-x}M_xO₃ (M=Mn and Co) Thin Films by Soft-X-Ray Spectroscopy

T. Higuchi, H. Naganuma, J. Miura, Y. Inoue, Y.-S. Liu, P.-A. Glans, J. Guo, and S. Okamura
Trans. Mater. Res. Soc. Jpn. **37**, 1(2012).

Metallic Transport in a Monatomic Layer of In on a Silicon Surface

S. Yamazaki, Y. Hosomura, I. Matsuda, R. Hobara, T. Eguchi, Y. Hasegawa, and S. Hasegawa
Phys. Rev. Lett., **106**, 116802 (2011).

Development of a surface magneto-transport measurement system with multi-probes and the in situ measurement of Bi nanofilms prepared on Si(111)7×7

N. Miyata, R. Hobara, H. Narita, T. Hirahara, S. Hasegawa, and I. Matsuda
J. Appl. Phys. **50**, 036602-1, 036602-4 (2011).

Enhanced spin relaxation in a quantum metal film by the Rashba-type surface

N. Miyata, H. Narita, M. Ogawa, A. Harasawa, R. Hobara, T. Hirahara, P. Moras, D. Topwal,

C. Carbone, S. Hasegawa, and I. Matsuda
Phys. Rev. B, **83**, 195305-1, 195305-5 (2011).

Design of a new soft X-ray beamline for a long undulator source of SPring-8

Y. Senba, S. Yamamoto, H. Ohashi, I. Matsuda, M. Fujisawa, A. Harasawa, T. Okuda, S. Takahashi, N. Nariyama, T. Matsushita, T. Ohata, Y. Furukawa, T. Tanaka, K. Takeshita, S. Goto, H. Kitamura, A. Kakizaki and M. Oshima
Nucl. Instr. and Meth. A **649**, 58-60 (2011).

Topological transition in Bi_{1-x}Sb_x studied as a function of Sb doping

F. Nakamura, Y. Kousa, A. A. Taskin, Y. Takeichi, A. Nishide, A. Kakizaki, M. D'Angelo, P. Lefevre, F. Bertran, A. Taleb-Ibrahimi, F. Komori, S. Kimura, H. Kondo, Y. Ando, and I. Matsuda
Phys. Rev. B **84** 235308-1, 235308-8 (2011).