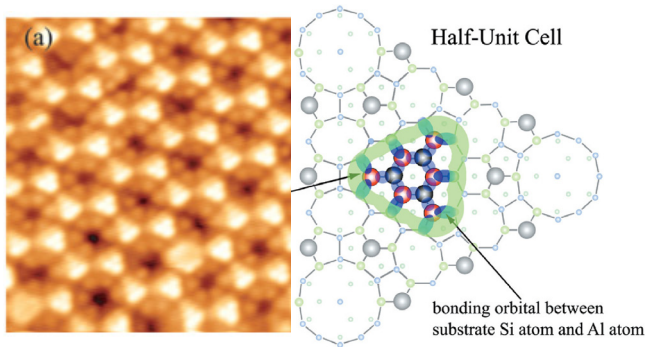


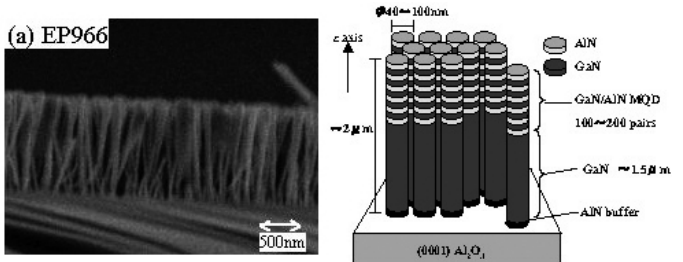
Al ナノクラスター網でのサイト別の電子状態

Site-resolved electronic structure of Al nano-cluster fabricated on Si(111)7×7 surface (Conference –ISSS-4-)
 H. Narita, M. Kakeya, A. Kimura, M. Taniguchi, M. Nakatake, T. Xie, S. Qiao, and H. Namatame,
 Vol. 4, pp. 208-212 (16 February, 2006)



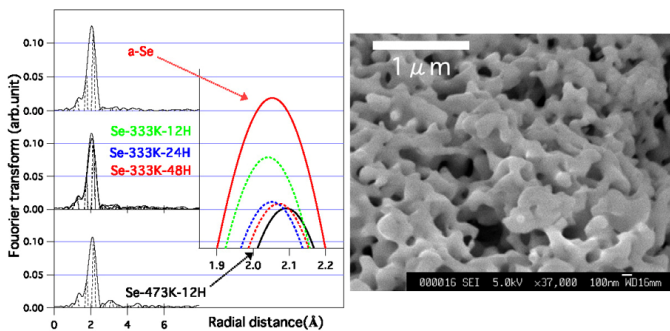
GaN や GaN/AlN 多重ナノロッドのフォノン

Raman Scattering in GaN Nanocolumns and GaN/AlN Multiple Quantum Disk Nanocolumns (Conference –ISSS-4-)
 T. Sekine, S. Suzuki, H. Kuroe, M. Tada, A. Kikuchi, K. Kishino,
 Vol. 4, pp. 227-232 (17 February, 2006)



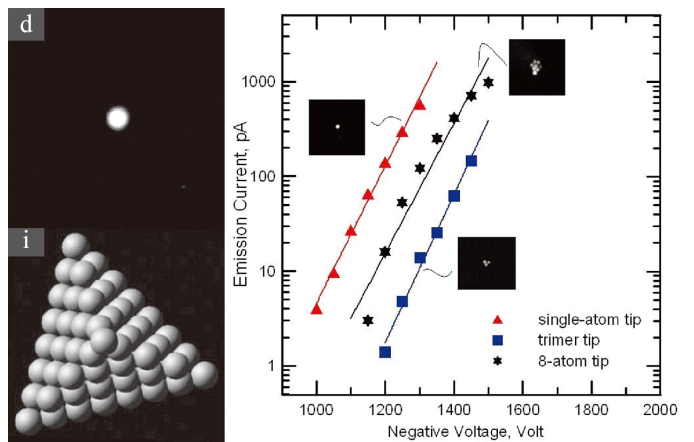
セレン・ナノ結晶の成長過程を XAFS で観る

XAFS study of nanocrystalline selenium embedded in amorphous matrix (Conference –ISSS-4-)
 Hirokazu Takahashi, Takashi Fujikawa, Takehisa Konishi,
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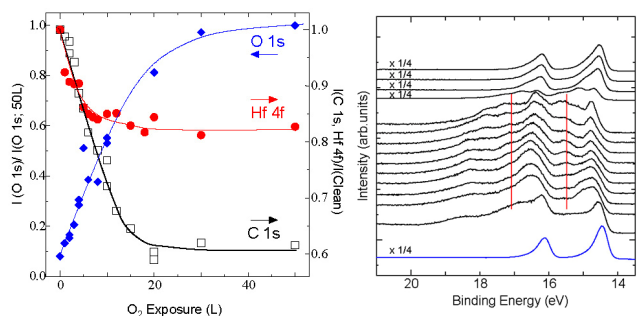
先端が単一原子の金属針からの電界電子放射

Preparation of Single-Atom Tips and Their Field Emission Behaviors (Conference –ISSS-4-)
 H.-S. Kuo, I.-S. Hwang, T.-Y. Fu, Y.-C. Lin, C.-C. Chang,
 and T. T. Tsong, Vol. 4, pp. 233-238 (17 February, 2006)



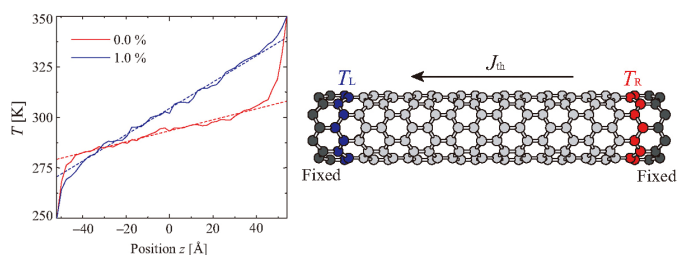
HfC 表面の酸化過程を光電子分光法で観る

Formation of oxide layer on HfC(100) surface studied by photoemission spectroscopy (Conference –ISSS-4-)
 Yutaka Shirotori, Ken-ichi Ozawa, Kazuyuki Edamoto, and Shigeki Otani, Vol. 4, pp. 219-226 (17 February, 2006)



カーボンナノチューブ中の欠陥は熱伝導率を激減させる

Molecular-dynamics simulations of thermal transport in carbon nanotubes with structural defects (Conference –ISSS-4-)
 N. Kondo, T. Yamamoto, and K. Watanabe,
 Vol. 4, pp. 239-243 (17 February, 2006)

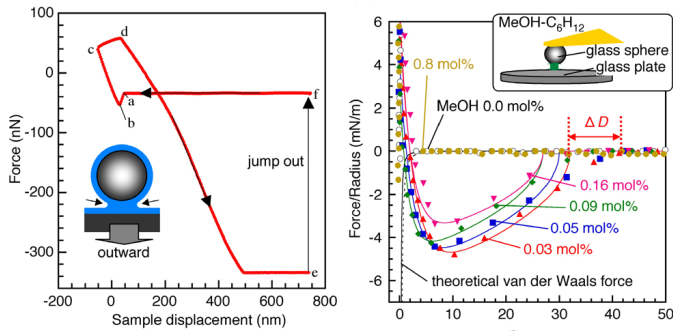


アルコール分子の秩序構造が固液界面に形成

Macrocluster Formation of Alcohol on Silica Surface in Cyclohexane: Analysis of Interfacial Energy between Adsorption Layer and Bulk Solution

(Conference –ISSS-4-)

Masashi Mizukami and Kazue Kurihara, Vol. 4, pp. 244-248 (24 February, 2006)

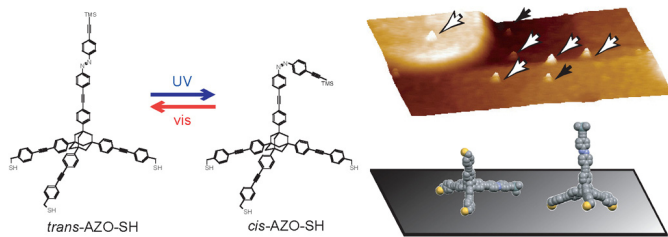


先端が光スイッチ機能を持つ単一分子AFM探針

Control of probe function in noncontact atomic force microscopy using photo-responsive molecular tip

(Conference –ISSS-4-)

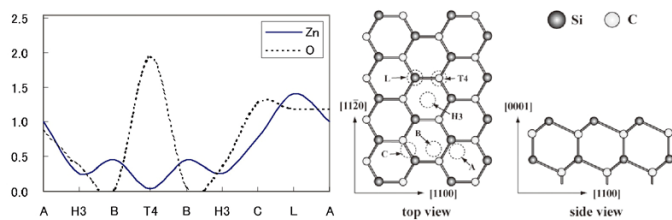
Daiko Takamatsu, Yoko Yamakoshi, and Ken-ichi Fukui, Vol. 4, pp. 249-253 (24 February, 2006)



SiC上のZnOの成長条件を第一原理計算で最適化

Epitaxial growth of ZnO crystal on the Si-terminated 6H-SiC(0001) surface using the first-principles calculation (Conference –ISSS-4-)

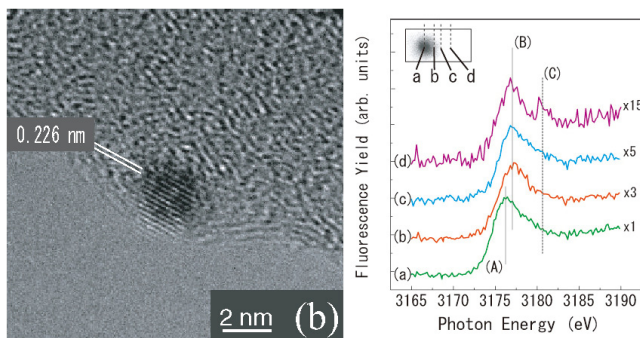
K. Fujiwara, A. Ishii, T. Abe, and K. Ando, Vol. 4, pp. 254-257 (24 February, 2006)



排ガス触媒となるPdナノ粒子の気相合成

Fabrication and characterization of Pd Nanoparticles (Conference –ISSS-4-)

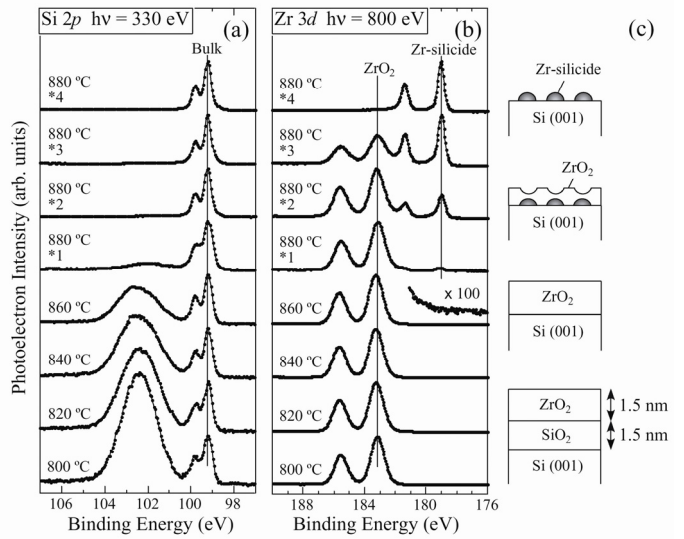
S. Yagi, H. Sumida, K. Miura, T. Nomoto, K. Soda, G. Kutluk, H. Namatame and M. Taniguchi, Vol. 4, pp. 258-262 (24 February, 2006)



high-k ゲート絶縁膜とSiとの界面反応

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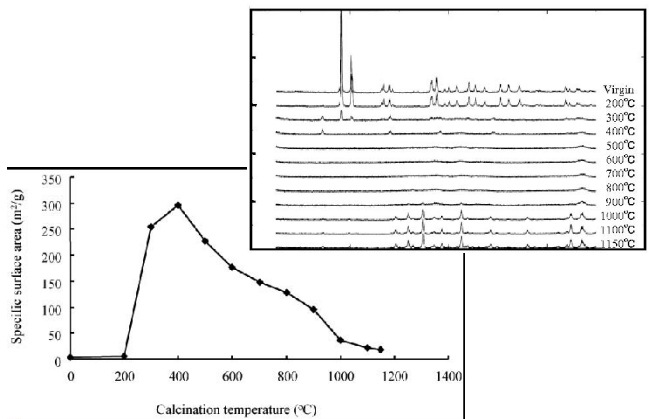
J. Okabayashi, S. Toyoda, H. Takahashi, H. Kumigashira, M. Oshima, K. Ikeda, G. L. Liu, Z. Liu, K. Usuda, Vol. 4, pp. 263-266 (24 February, 2006)



環境触媒のためのGibbsiteの最適焼成条件

Structure Transformation of Gibbsite by Calcination (Superexpress Letter)

F. Ogata, N. Kawasaki, M. Kabayama, T. Nakamura, and S. Tanada, Vol. 4, pp. 267-269 (11 March, 2006)



ポリマー混合液から相分離した微粒子を作る

Dewetting of Polymer Blends and Formation of Phase-Separated Polymer Domes (Superexpress Letter)

Olaf Karthaus and Yuji Kiyono, Vol. 4, pp. 270-272 (17 March, 2006)

