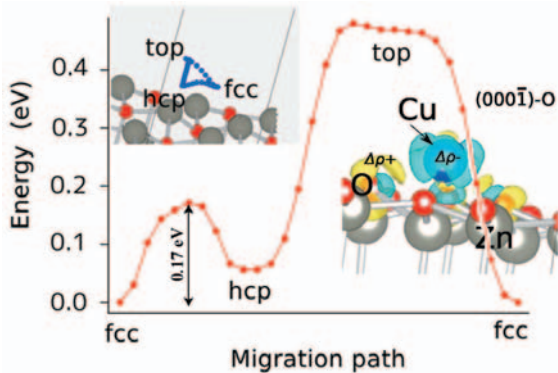


ZnO極性表面上にドーパント原子を吸着

Energetics of Mg, B, Cu, and Ti Atoms Adsorbed on the ZnO Polar Surfaces from First Principles

(Regular Paper) Vol. 9, pp. 199-205 (May 10, 2011)

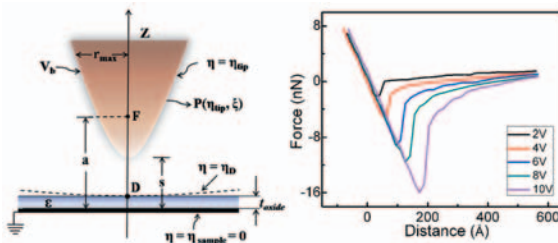
Kazume Nishidate and Masayuki Hasegawa



導電性探針と試料の間にはたらく力

Force on a Conducting Tip near a Metallic Surface Coated with a Polarizable Dielectric Layer: Theory and Experiment (Conference -NC-AFM2010-)

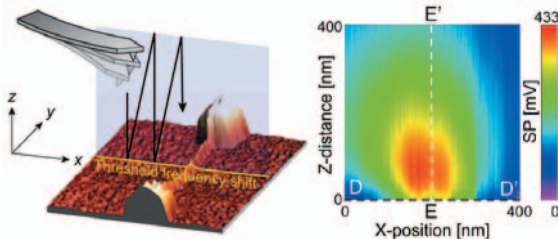
Kalyani S. Date, Arun V. Kulkarni and C. V. Dharmadhikari Vol. 9, pp. 206-209 (May 10, 2011)



CNTに沿って静電ポテンシャル分布を測定

Effect of Trapped Charges on Local Potential Measurement of Carbon Nanotubes Using Frequency-Modulation Kelvin-Probe Force Microscopy

(Conference -NC-AFM2010-) M. Ito, Y. Hosokawa, R. Nishi, Y. Miyato, K. Kobayashi, K. Matsushige and H. Yamada, Vol. 9, pp. 210-214 (May 10, 2011)



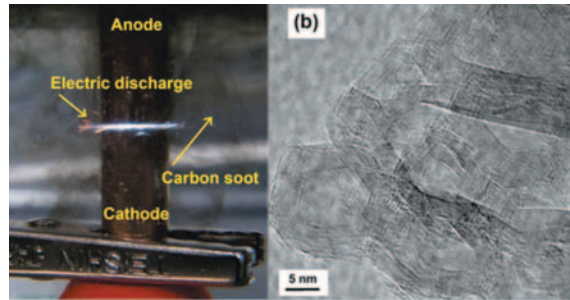
シヨ糖溶液中での放電でCNTを合成

Molar Concentration Dependence of Sucrose Solution in Carbon Nanotube Synthesis by Liquid-Phase Arc

(Conference -NC-AFM2010-)

Discharge (Regular Paper)

Shinya Aikawa, Takio Kizu, Keiichi Kamei and Eiichi Nishikawa, Vol. 9, pp. 215-218 (May 14, 2011)

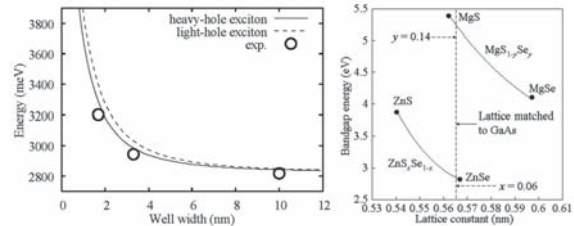


量子井戸中の励起子の束縛エネルギー

Exciton Binding Energies in ZnSSe/MgSSe Quantum Wells Lattice Matched to GaAs Substrates

(Regular Paper) Vol. 9, pp. 219-223 (May 14, 2011)

Chikara Onodera and Masaaki Yoshida

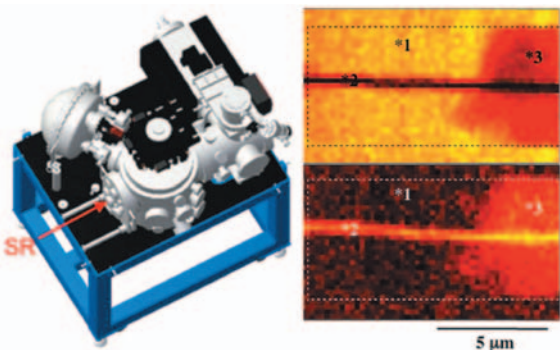


光電子顕微鏡で high-k ゲート構造を観る

Nano-Scale Characterization of Poly-Si Gate on High-k Gate Stack Structures by Scanning Photoemission Microscopy (Conference -NSS-6-)

S. Toyoda, Y. Nakamura, K. Horiba, H. Kumigashira, M. Oshima and K. Amemiya,

Vol. 9, pp. 224-227 (May 21, 2011)

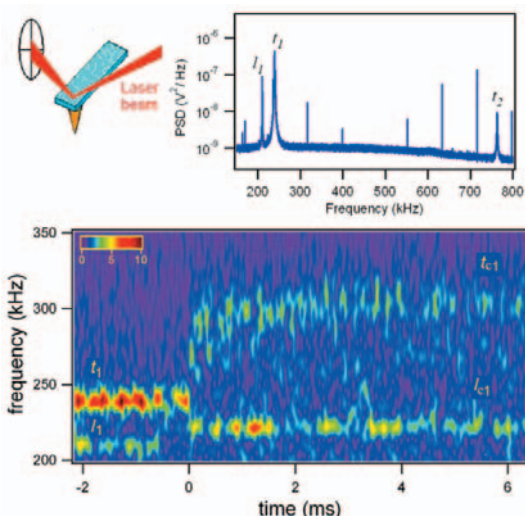


カンチレバーの熱励起振動から相互作用を解析

Wavelet Transforms to Probe the Torsional Modes of a Thermally Excited Cantilever across the Jump-to-Contact Transition: Preliminary Results

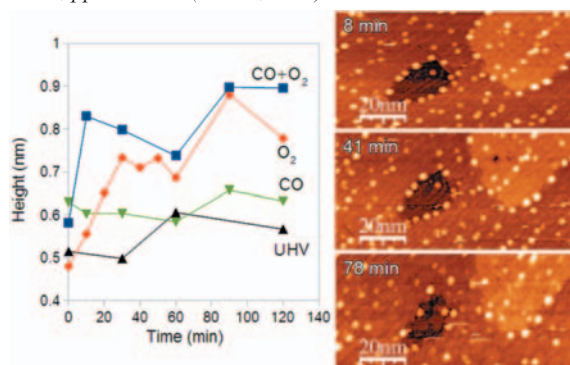
(Conference -NC-AFM2010-)

Giovanna Malegori and Gabriele Ferrini,
Vol. 9, pp. 228-233 (May 28, 2011)



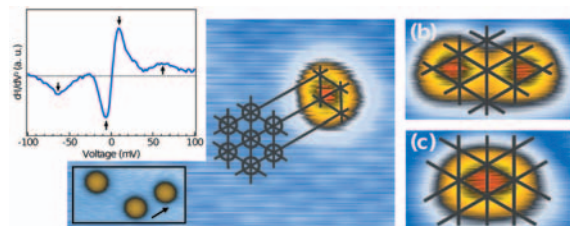
触媒活性な Au 粒子の振る舞いを反応ガス中で観る
Migration of Au Nanoparticles on a TiO₂(110) Surface in
Reactant Gases Observed by *In-Situ* STM at Elevated
Temperatures (Regular Paper)

Yasushi Maeda and Masanori Kohyama,
Vol. 9, pp. 234-236 (June 4, 2011)

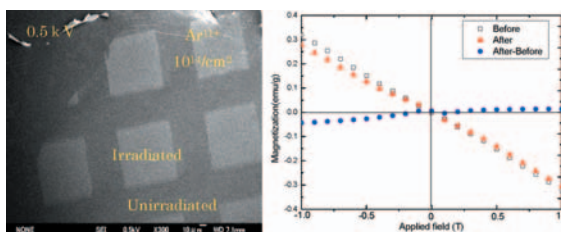


Co 単一原子およびダイマーの磁気異方性

Modification of Magnetic Stability of Co Single Atoms
on Pt(111) by Dimer Formation (Conference -NSS-6-)
T. Miyamachi, T. Schuh, T. Balashov, S. Suga and W.
Wulfhekel, Vol. 9, pp. 237-240 (June 4, 2011)



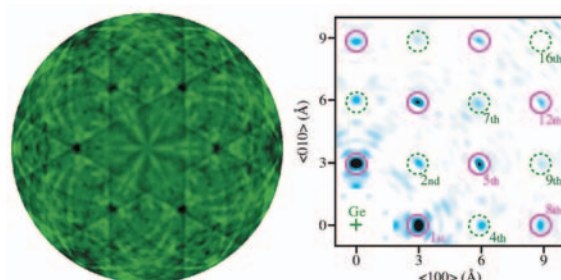
多価イオンビーム照射による HOPG 表面の改質
Modification of HOPG Surface on Irradiation by Highly
Charged Ar¹¹⁺ and Xe²⁶⁺ Ions Investigated by SEM, ESR,
SQUID, and Raman Measurements (Conference -NSS-6-)
Shengjin Liu, Makoto Sakurai, Weimin Zhang, Ken Asakura,
Naoyuki Iida, Takahiro Sakurai, Hitoshi Ohta, Masahide
Tona, Toshifumi Terui, Tieshan Wang, Y.Y. Wang and G.Q.
Xiao, Vol. 9, pp. 241-246 (June 18, 2011)



蛍光 X 線ホログラフィで希薄磁性半導体を観る
Local Structure around Ge Atoms in IV-VI
Ferromagnetic Semiconductor Ge_{0.6}Mn_{0.4}Te by X-Ray
Fluorescence Holography

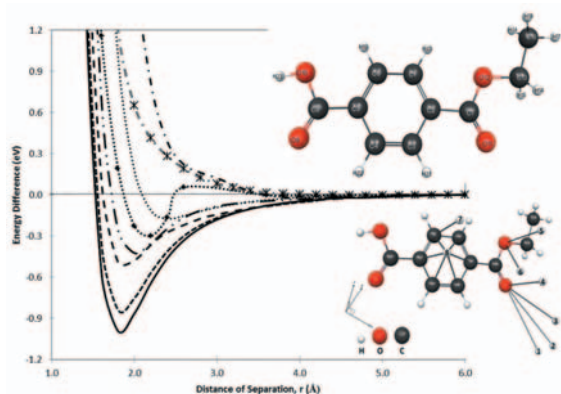
(Conference -Atomic Holography-2010-)

Naohisa Happo, Yuki Takehara, Makoto Fujiwara, Koichi
Tanaka, Shinya Senba, Shinya Hosokawa, Kouichi Hayashi,
Wen Hu, Motohiro Suzuki and Hironori Asada,
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プラスチック (PET) に金属原子を吸着させる
DFT and Cluster Model Investigation on the Adhesion of
Polyethylene Terephthalate on Metals (Regular Paper)

Ryan L. Arevalo and Romeric F. Pobre,
Vol. 9, pp. 251-256 (June 28, 2011)



BH₄ 分子と遷移金属電極を使った燃料電池

First Principles Study on the Adsorption and
Dehydrogenation of Borohydride on Mn(111)

(Regular Paper) Vol. 9, pp. 257-264 (July 2, 2011)

Ryan L. Arevalo, Mary Clare S. Escañó and Hideaki Kasai,

