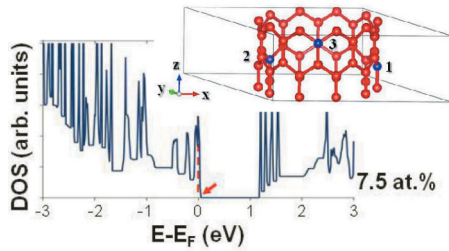
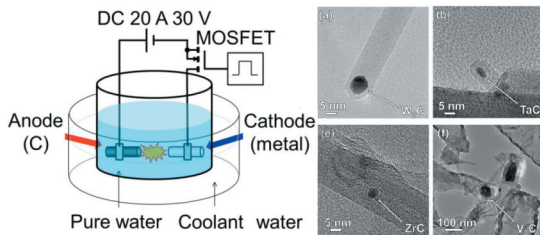


ホームページ : <http://www.sssj.org/ejssnt> 電子メール : ejssnt@sssj.org
J-Stage アーカイブ : <http://www.jstage.jst.go.jp/browse/ejssnt/>

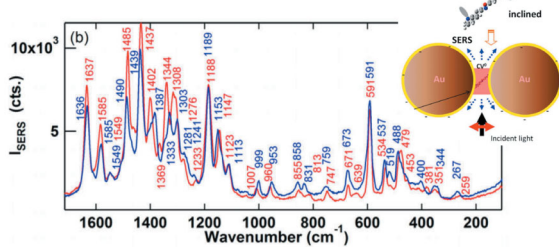
ドーピングでCNTを半導体や金属にする
First Principles Calculations of Close-Packed and Doped Carbon Nanotubes (Conference –ISSS-6-)
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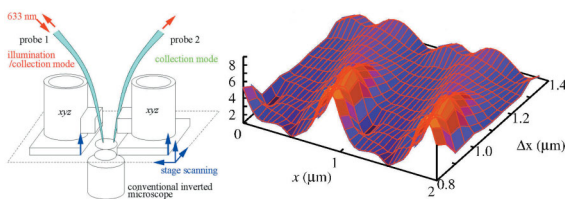
金属内包CNTを作る
One-Step Synthesis of Metal-Encapsulated Carbon Nanotubes by Pulsed Arc Discharge in Water (Conference –ISSS-6-)
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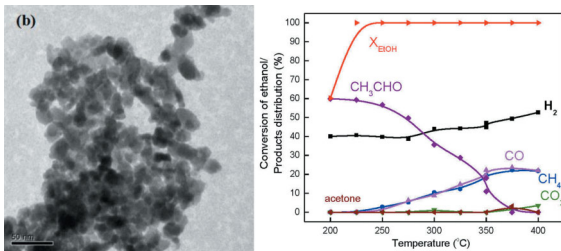
Auナノ粒子に分子を吸着させてラマン増強
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Toru Yajima, Yingying Yu, Masayuki Futamata



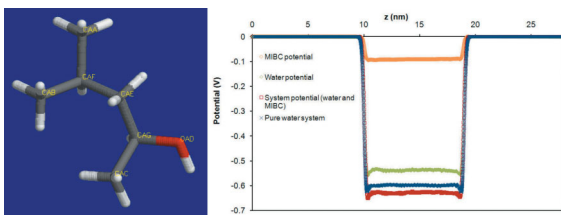
双プローブ近接場顕微鏡
Surface Measurement by Dual-Probe Scanning Near-Field Optical Microscopy (Regular Paper)
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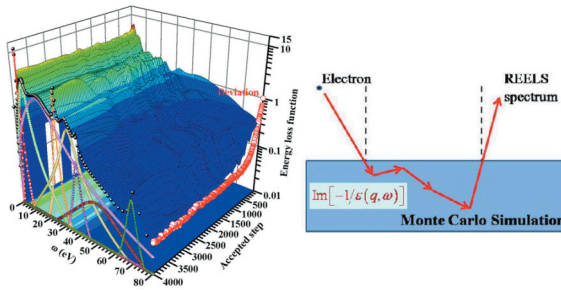
エタノール蒸気改質で水素を製造する触媒
Surface Area Effect of Zinc Oxide for Steam Reforming of Ethanol over Supported-Platinum Catalysts (Conference –ISSS-6-)
Josh Y. Z. Chiou, Wen-Yzu Wang, Chen-Bin Wang, Chuin-Tih Yeh
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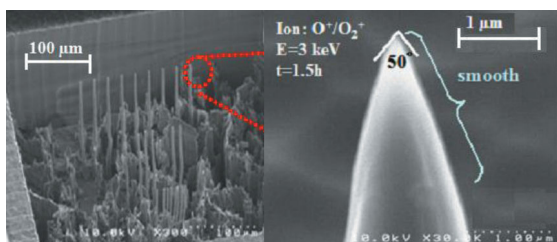
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Surface Potential of MIBC at Air/Water Interface: a Molecular Dynamics Study (Conference –ISSS-6-)
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A New Analytical Method in Surface Electron Spectroscopy: Reverse Monte Carlo Method (Conference –ISSS-6-)
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S. F. Mahmud, I. Miyamoto, J. Taniguchi



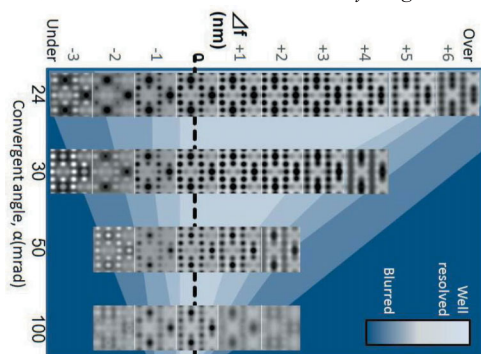
リチウムイオン電池の中のリチウム原子を観る

Surface Imaging by ABF-STEM: Lithium Ions in Diffusion Channel of LIB Electrode Materials

(Conference –ISSS-6)

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Soyeon Lee, Yoshifumi Oshima, Hidetaka Sawada, Fumio Hosokawa, Eiji Okunishi, Toshikatsu Kaneyama, Yukihito Kondo, Yasumasa Tanishiro, Kunio Takayanagi

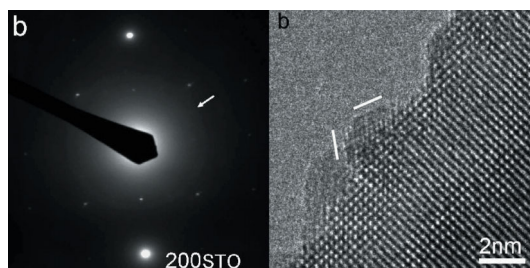


チタン酸ストロンチウム表面上のニッケル微粒子

Structural and Morphological Study of Ni Clusters Deposited on SrTiO₃ Surfaces Studied by UHV-TEM/STM

(Conference –ISSS-6)

Vol. 10, pp. 459-462 (August 25, 2012) Miyoko Tanaka

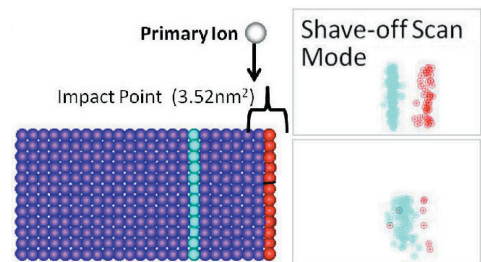


髭剃り法で削って高分解能深さ方向分析

Molecular Dynamics Simulations for Shave-Off Profiling

(Regular paper) Makiko Fujii, Masanori Owari

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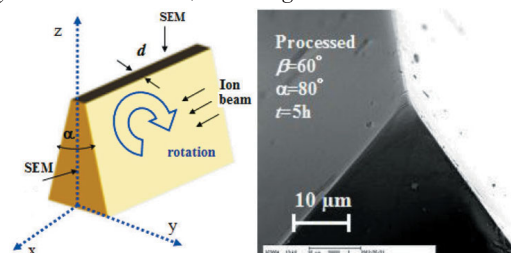
低速酸素イオンでダイヤモンドナイフを削る

Fabrication of Smooth and Ultra-Sharp Diamond Knives of Lower than 60 nm Tip Diameter by Low

Energy Oxygen Ion Beam Machining

(Regular Paper) Vol. 10, pp. 467-470 (September 1, 2012)

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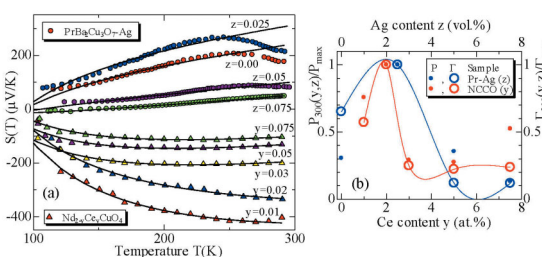
酸化インジウム透明導電膜の熱電特性

Thermoelectric Properties in Transparent-Conductive Cerium-Doped In₂O₃ Films

(Conference –ISSS-6)

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Natsuki Mori, Junichi Ueno, Yusuke Uesugi, Kazushi Miki



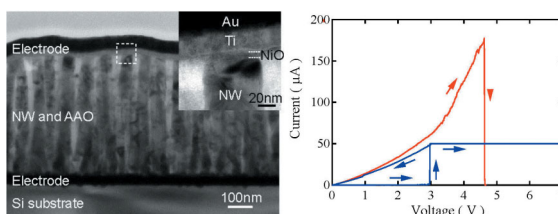
Ni/NiO ナノワイヤを使った抵抗変化型メモリ

Fabrication of an Array of Ni/NiO Nanowire-ReRAM Using AAO Template on Si

(Conference –ISSS-6)

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T. Shimizu, Y. Sumita, F. Inoue, T. Minokuchi, S. Shingubara, S. Otsuka, K. Takase



EXAFS 解析における温度効果

EXAFS Investigations of the Local Thermal Properties of Solids

(Conference -XAFS Theory-)

Vol. 10, pp. 480-485 (September 8, 2012) Paolo Fornasini

$$\chi(k) = \frac{S_0^2}{k} N \text{Im} \left[f(k, \pi) e^{2i\delta} \int_0^\infty P(r, \lambda) e^{2ikr} dr \right]$$

インバー合金の熱膨張を理論解析

Path Integral Effective Classical Potential Method Applied to Anharmonicity and Quantum Effects in Thermal Expansion of Invar Alloy

(Conference -XAFS Theory-)

Vol. 10, pp. 486-492 (September 8, 2012) T. Yokoyama

