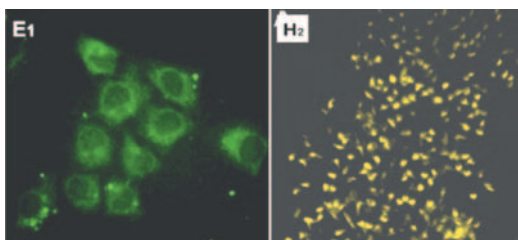
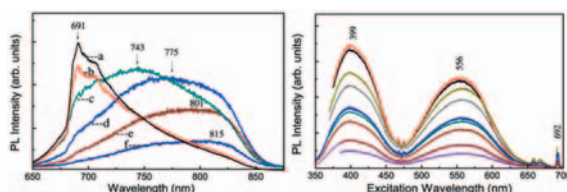


## Crドープ酸化アルミ粉末の合成と光学特性

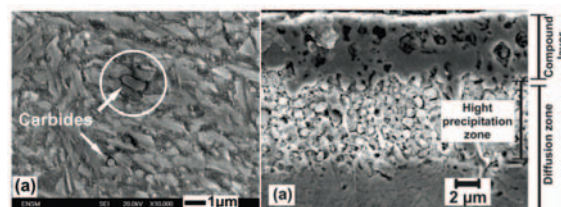
Synthesis and Optical Properties of  $\text{Al}_2\text{O}_3:\text{Cr}^{3+}$  Powders  
(Conference -IWAMN2009-)

Vol. 9, pp. 531-535 (December 27, 2011),

Trinh Thi Loan, Nguyen Ngoc Long and Le Hong Ha



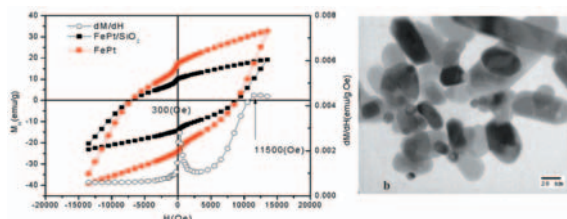
## 高温状況で使用する鋼の軟窒化処理

An Investigation on the Usefulness and Performance of  
New Hot Working Tool Steel by Nitrocarburizing  
Process (Regular Paper)Vol. 10, pp. 1-11 (January 14, 2012) M. L. Fares, M. Belaid,  
O. Chahaoui, H. Ghous and Y. Khelifaoui

## 磁性ナノ粒子表面を修飾してバイオ応用へ

Surface Modification of  $\text{SiO}_2$ -Coated FePt Nanoparticles  
with Amino Groups (Conference -IWAMN2009-)Nguyen Hoang Luong, Nguyen Dang Phu, Nguyen Hoang  
Hai and Nguyen Thi Dieu Thuy

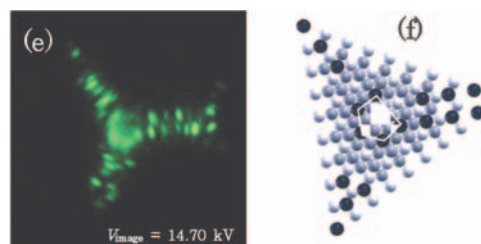
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## W針の丸まった先端にナノピラミッドを作る

Field Ion Microscopy of Nanometer-Size Pyramid  
Grown on a Blunt End of Tungsten Tip (Regular Paper)

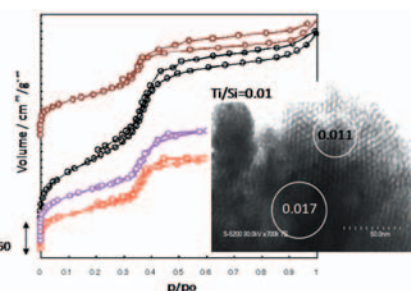
Vol. 10, pp. 12-16 (January 28, 2012)

Tatsuiro Nakagawa, Eiji Rokuta, Hidekazu Murata,  
Hirosi Shimoyama and Chuhei Oshima

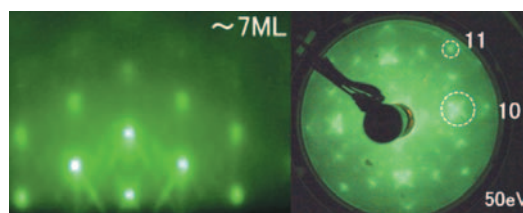
## ピネンの酸化と触媒特性

Ti-MCM-41 with Various Ti Contents: Synthesis,  
Characterization and Catalytic Properties in Oxidation  
of  $\alpha$ -Pinene (Conference -IWAMN2009-)

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Phuong Ly  
and Nguyen  
Thi Ha

## Geナノクラスターの形を電子回折スポット形状から解析

Morphological Evaluation of Ge Nanoclusters by Spot  
Shape of Surface Electron Diffraction(Conference -ISS6-) Yoshimi Horio  
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## 金微粒子を乳がんの早期発見に使う

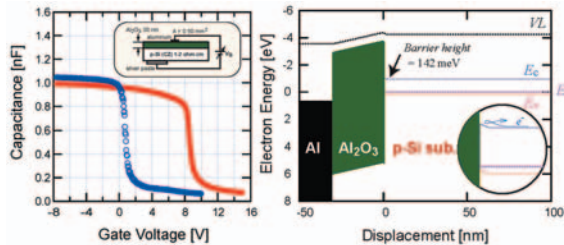
Application of Gold Nanoparticles for Early Detection of  
Breast Cancer Cells (Conference -IWAMN2009-)

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Nguyen Ngoc Long, Nguyen Hoang Hai, Tran Thi Thanh  
Thoa, Nguyen Thi Van Anh and Phan Tuan Nghia

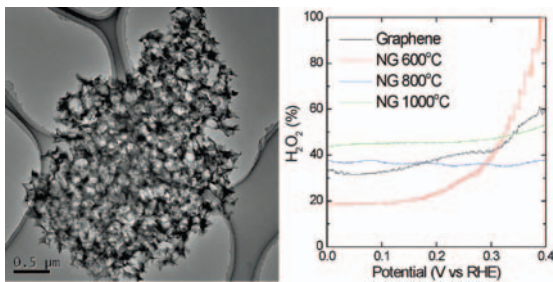
Si/Al<sub>2</sub>O<sub>3</sub> 界面特性—高効率太陽電池をめざして—

**Energy Band Diagram near the Interface of Aluminum Oxide on p-Si Fabricated by Atomic Layer Deposition without/with Rapid Thermal Cycle Annealing Determined by Capacitance—Voltage Measurements** (Regular Paper) Vol. 10, pp. 22-28 (March 3, 2012)  
 N. Satoh, I. Cesar, M. Lamers, I. Romijn, K. Bakker, C. Olson, D. O. Saynova, Y. Komatsu, A. Weeber, F. Verbakel and M. Wiggers



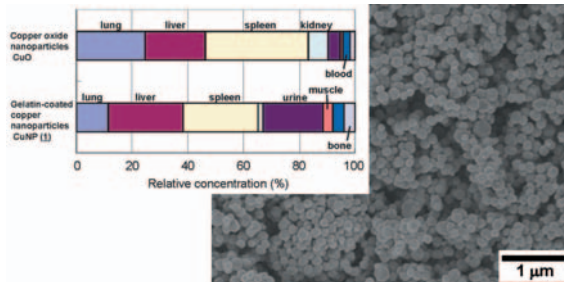
窒素含有グラフェン—燃料電池への応用を目指して—

**Solvothermal Synthesis of Nitrogen-Containing Graphene for Electrochemical Oxygen Reduction in Acid Media** (Conference -ISSS6-) Vol. 10, pp. 29-32 (March 10, 2012)  
 S. M. Lyth, Y. Nabae, N. M. Islam, T. Hayakawa, S. Kuroki, M. Kakimoto and S. Miyata



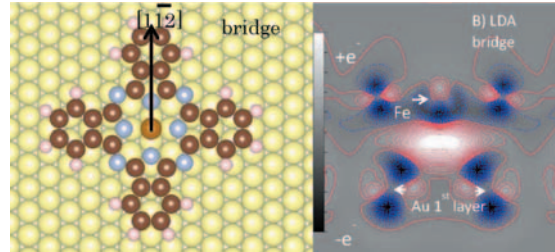
銅ナノ粒子をコーティングして無毒にする

**Comparison of Biodistribution and Biocompatibility of Gelatin-Coated Copper Nanoparticles and Naked Copper Oxide Nanoparticles** (Conference -ISSS6-) Vol. 10, pp. 33-37 (March 17, 2012)  
 S. Abe, N. Iwadera, T. Narushima, Y. Uchida, M. Uo, T. Akasaka, Y. Yawaka, F. Watari and T. Yonezawa



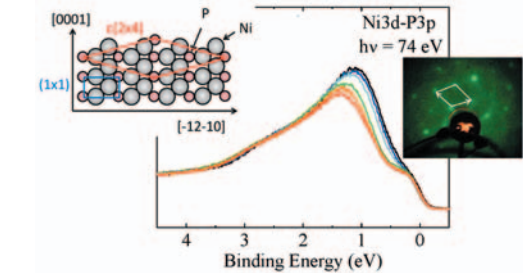
銅フタロシアニン分子の近藤効果—LDA+U 理論計算

**Density Functional Theory Calculation for Magnetism of Fe-Phthalocyanine Molecules on Au(111)** (Conference -ISSS6-) Vol. 10, pp. 38-44 (March 17, 2012)  
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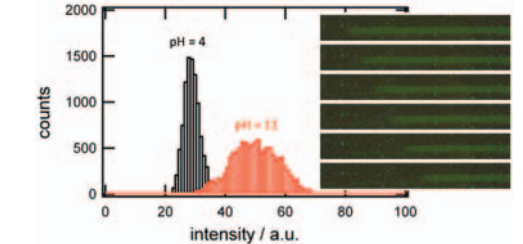
水素化脱硫/水素化脱窒素反応のための触媒表面

**Characterization of Ni<sub>2</sub>P(10-10): Soft X-Ray Photoelectron Spectroscopy Study** (Conference -ISSS6-) Vol. 10, pp. 45-49 (March 24, 2012) S. Imanishi, S. Munakata, Y. Kakefuda, K. Edamoto and K. Ozawa



分子修飾したマイクロ流路での化学波の伝播

**pH-Wave Propagation in the Microchannel Modified with pH-Responsive Molecule** (Conference -ISSS6-) Vol. 10, pp. 50-54 (March 24, 2012)  
 Hideki Nabika, Mami Sato and Kei Unoura



熔融塩法でエコマテリアル半導体 MoSi<sub>2</sub> を作る

**Growth of MoSi<sub>2</sub> by Molten Salt Technique Using Mo-Based Compounds** (Conference -ISSS6-) Vol. 10, pp. 55-58 (March 24, 2012)  
 D. Ishikawa, K. Nakane, T. Nonomura, K. Shirai, H. Tatsuoka, W. Li, C.-W. Hsu, Y.-J. Wu and L.-J. Chou



Au/TiO<sub>2</sub> モデル触媒をケルビン力顕微鏡で見る

**Contact Potential Difference of Au/TiO<sub>2</sub>(110) Model Catalysts Measured by Kelvin Probe Force Microscopy** (Conference -ISSS6-) Vol. 10, pp. 59-62 (March 30, 2012)  
 Yasushi Maeda and Masanori Kohyama

