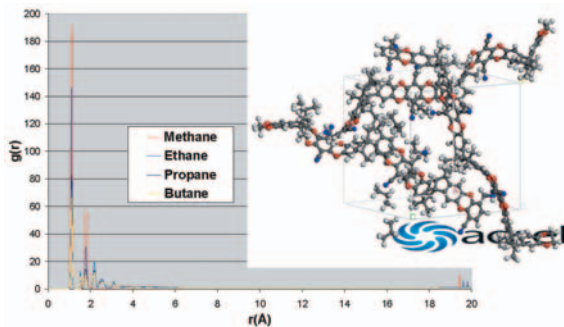
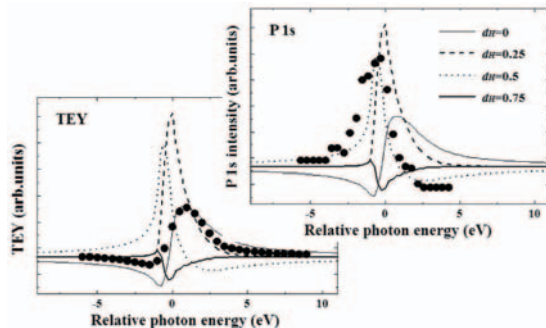


ポラスポリミド膜のガス選択透過性を計算する  
Molecular Dynamics Investigation into the High  
Permeability and High Selectivity of Nano-Porous  
Polyimide Membranes for the "Green" Separation of  
Natural Gas (Conference -ISS6-)  
Vol. 10, pp. 63-68 March 30, 2012, Tarek M. Madkour

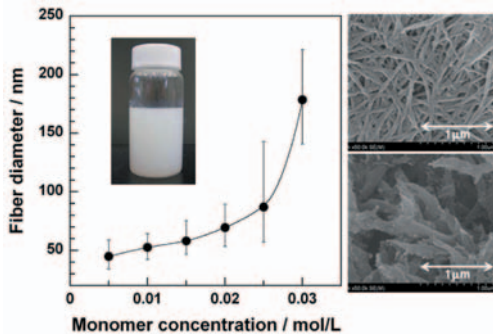


酸化物表面上の有機分子をX線定在波法で調べる  
Structure Determination of Self-Assembled Monolayer  
on Oxide Surface by Soft-X-Ray Standing Wave  
(Conference -ISS6-) Vol. 10, pp. 69-73 (April 7, 2012)  
Yuji Baba, Ayumi Narita, Tetsuhiro Sekiguchi, Iwao  
Shimoyama, Norie Hirao, Shiro Entani and Seiji Sakai

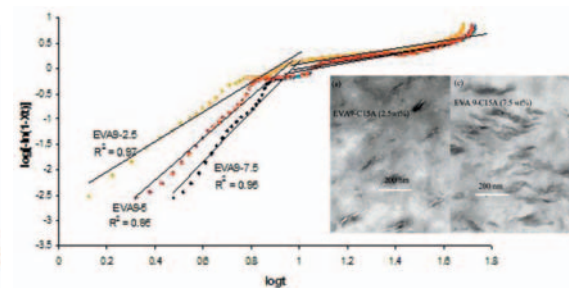


ナノファイバーの織物

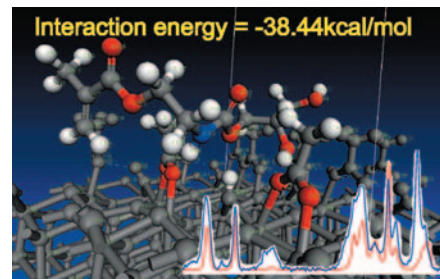
Fabrication and Characterization of Fluorine-  
Containing Aromatic Polyamide Nanofiber Mats  
(Conference -ISS6-) Vol. 10, pp. 74-78 (April 7, 2012)  
Yayoi Yoshioka



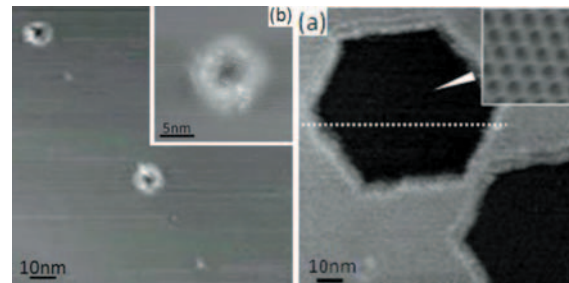
ナノ粘土とポリマーのコンポジットマテリアル  
Crystallization Kinetics of Ethylene Vinyl Acetate with  
Modified Clay Nanocomposites (Regular Paper)  
Vol. 10, pp. 79-84 (April 7, 2012)  
Deeptangshu Chaudhary, Chi Phan and Rahul Gupta



有機マトリックスの中に無機ナノ粒子を分散  
Preparation of High Refractive index Materials using  
ZrO<sub>2</sub> Nanoparticles and Glyceryl-N-(2-metha-  
cryloyloxyethyl)urethane and Its Properties  
(Conference -ISS6-) Vol. 10, pp. 85-87 (April 7, 2012)  
Takehiro  
Morishita,  
Eui-Chul  
Kang and  
Tadafumi  
Adschiri

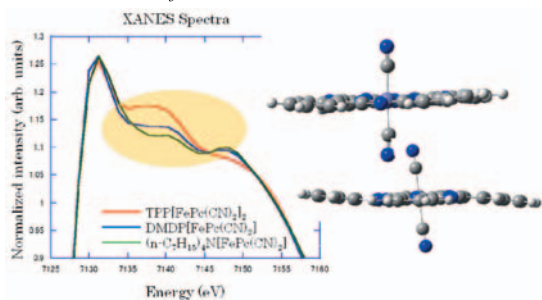


Ar クラスタイオンビームで作った欠陥  
Heat Treatment of Graphite Defects Produced by  
Irradiation with Ar Cluster Ions (Conference -SSSJ-31-)  
Vol. 10, pp. 88-91 (April 7, 2012)  
Muneaki Tsukuda, Yuto Yokodera, Kosuke Moritani, Norio  
Inui and Kozo Mochiji



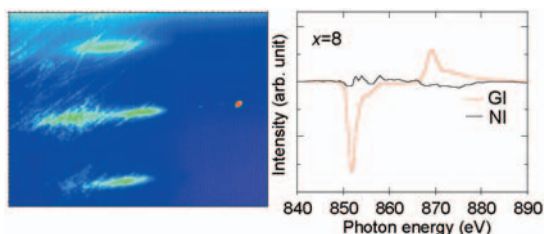
1次元分子導体のGMR効果をXANESで探る  
XANES Analysis of Phthalocyanine Molecular  
Conductor (Conference -ISS6-)  
Vol. 10, pp. 92-96 (April 14, 2012)

K. Takahashi, T. Konishi, T. Fujikawa, N. Hanasaki, N. Kawamura, M. Mizumaki, M. Matsuda, D. E. C. Yu, T. Naito, T. Inabe and H. Tajima



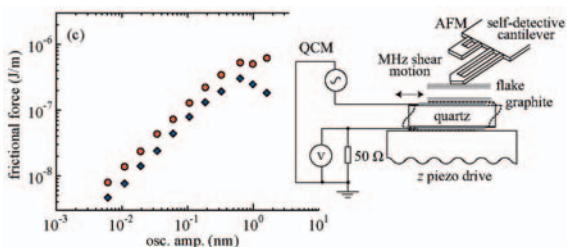
レア金属を含まない垂直磁化膜

**In Situ Observation of Magnetic Anisotropy Energy of Alternately Layered FeNi Thin Films**  
(Conference -ISSS6-) Vol. 10, pp. 97-99 (April 14, 2012)  
Masako Sakamaki and Kenta Amemiya



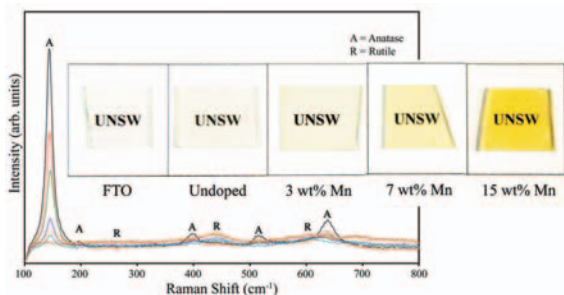
ナノスケールで制御された動摩擦の測定

**Dynamic Friction of Nano-Sliding between Graphite**  
(Conference -ISSS6-) Vol. 10, pp. 100-102 (April 14, 2012)  
Daisuke Inoue, Junko Taniguchi, Masaru Suzuki, Makoto Ishikawa and Kouji Miura



Mn ドープ TiO<sub>2</sub> 膜をスピントットで作る

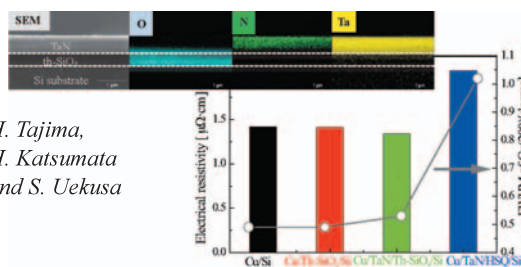
**Surface Modification of Titanium Dioxide Thin Films via Manganese Doping** (Conference -ISSS6-)  
Vol. 10, pp. 103-106 (April 21, 2012)  
Nakaruk, H. Chen, A. Waibel, P. Koshy and C. C. Sorrell



TaN 膜の拡散バリア膜としての特性

**Deposition of TaN Films by RF Sputtering and Their Barrier Properties in Cu/TaN/Dielectrics/Si MIS Structures** (Conference -ISSS6-)

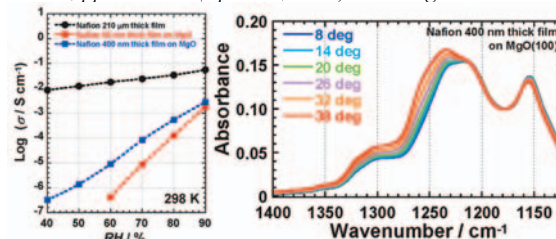
Vol. 10, pp.107-113 (April 21, 2012)



H. Tajima, H. Katsumata and S. Uekusa

**ナフィオンを燃料電池の電解質膜として使う Proton Conduction Property of Nafion Thin Films on MgO(100) with Anisotropic Molecular Structure**  
(Conference -ISSS6-)

Vol. 10, pp. 114-116 (April 21, 2012) Yuki Nagao

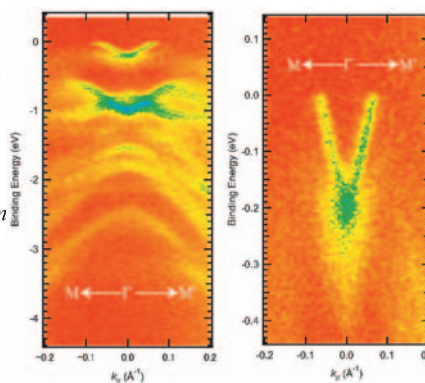


トポロジカル絶縁体表面の2ユニット原子層

**Electronic States on Bi<sub>2</sub>Te<sub>3</sub> Studied by Angle-Resolved Photoelectron Spectroscopy Using Synchrotron Radiation** (Conference -ISSS6-)

Vol. 10, pp. 117-120 (April 21, 2012)

K. Ogawa, J. Azuma, K. Takahashi, M. Kamada, M. Sasaki, A. Ohnishi, M. Kitaura and H.-J. Kim



脂質二重層の中のドナーとアクセプター

**Donor-to-Acceptor Distance Dependent Fluorescence Resonance Energy Transfer Efficiency for Multiple Donors and Acceptors System Confined within 2-Dimensional Fluid of Supported Lipid Bilayer**  
(Conference -ISSS6-) Vol. 10, pp. 121-127 (April 21, 2012)  
Kazuaki Furukawa and Joana Durao

