

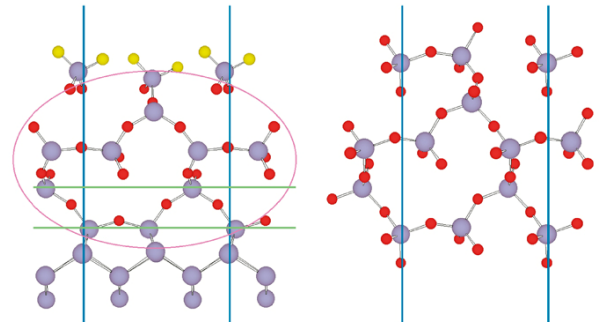
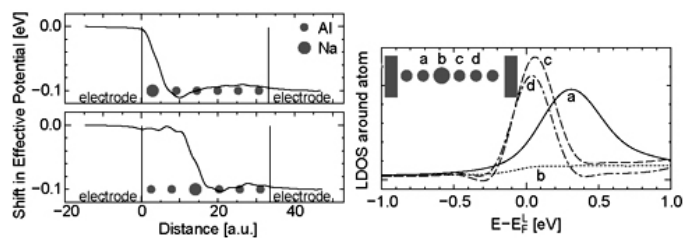
ホームページ : <http://www.sssj.org/ejssnt> 電子メール : ejssnt@sssj.org

J-Stage アーカイブ : <http://ejssnt.jstage.jst.go.jp>

原子鎖のなかの不純物原子の影響

Ab Initio Study of Al Atomic Chains with Na Impurity Atom (Superexpress Letter)

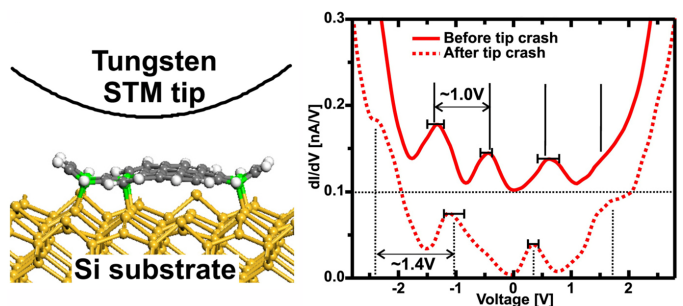
S. Furuya, Y. Gohda and S. Watanabe
Vol. 4, pp. 570-573 (26 July, 2006)



単一分子のSTSで室温クーロンブロッケード

Charge Transport Through A Single Molecule of Dibenzo[a,j]coronene on Si(001)-2x1: Possible Coulomb Blockade (Regular Paper)

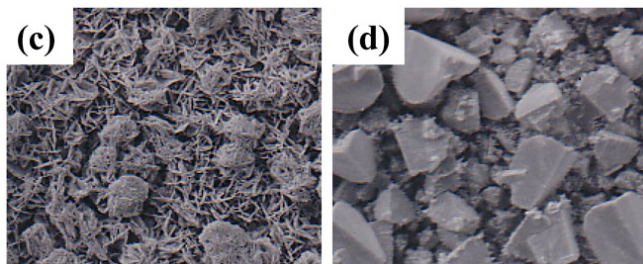
T. Suzuki, Vol. 4, pp. 588-592 (22 August, 2006)



電気メッキ中に超音波攪拌

Sono-electroplating of Tin Film From Ti(IV)-EDTA Bath (Conference -ISSS-4-) A. Chiba and T. Kojima,

Vol. 4, pp. 574-578 (28 July, 2006)

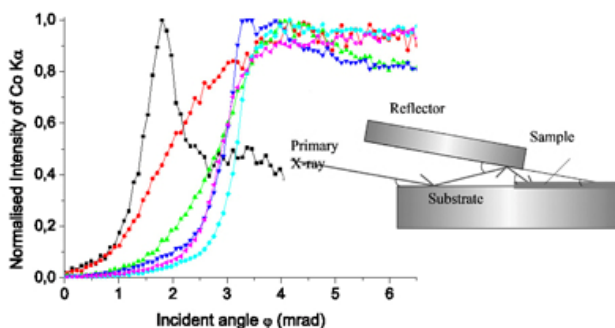


反射板を使った全反射X線蛍光分析

Theoretical characterization of reflector-assisted TXRF analysis (Regular Paper)

Vol. 4, pp. 579-583 (5 August, 2006)

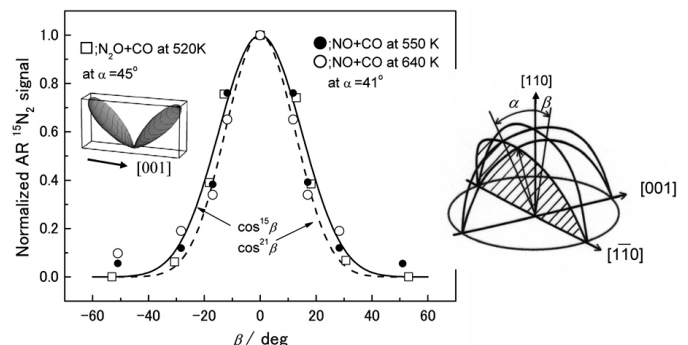
Andriy Okhrimovskyy, Kouichi Tsuji, and Ketami Saito,



表面脱離反応での放出分子の方向と速度の分布

Spatial and velocity distributions of desorbing products in steady-state NO+CO and N₂O+CO reactions on Pd(110) and Rh(110) (Conference -ISSS-4-)

Tatsuo Matsushima, Yunsheng Ma, Osamu Nakagoe, Vol. 4, pp.593-601 (22 August, 2006)



酸化SiとSiの界面構造を第一原理計算

Theoretical Study on Atomic Structures of Thermally Grown Silicon Oxide/Silicon Interfaces (Conference -ISSS-4-)

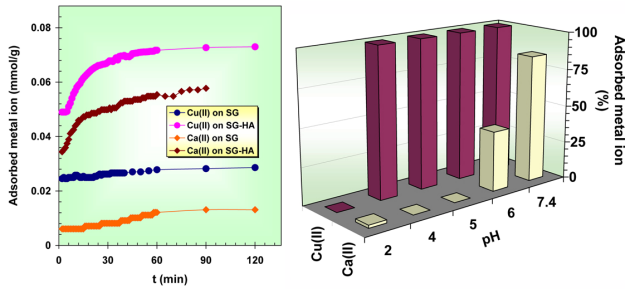
H. Kageshima, M. Uematsu, K. Akagi, S. Tsuneyuki, T. Akiyama, and K. Shiraishi,

Vol. 4, pp. 584-587 (10 August, 2006)

humic acid+silica gelで金属イオンを選択吸着

Peat Soil Humic Acid Immobilization on Silica Gel and Its Application as an Adsorbent for the Selective Adsorption of Copper (Conference -ISSS-4-)

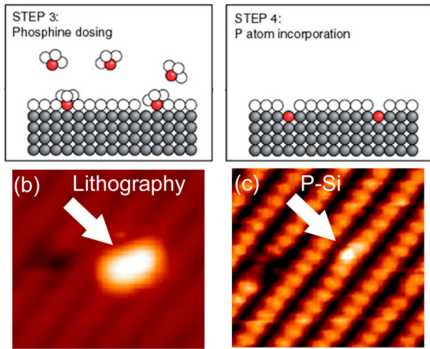
Sri Juara Santosa, Sri Sudiono, and Sri Sujandi, Vol. 4, pp. 602-608 (22 August, 2006)



個々の分子の化学反応をSTMで観る

Atomic-scale observation and control of the reaction of phosphine with silicon (Conference -ISSS-4-)

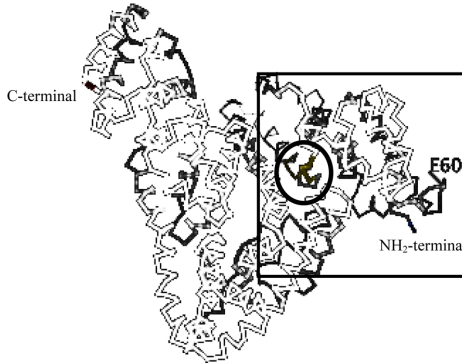
S. R. Schofield, N. J. Curson, M. Y. Simmons, O. Warschkow, N. A. Marks, H. F. Wilson, D. R. McKenzie, P. V. Smith, and N. W. Radny, Vol. 4, pp. 609-613 (22 August, 2006)



デバイスに固定化されたタンパクの配向

Structure analysis of immobilized-bovine serum albumin by means of TOF-SIMS (Regular Paper)

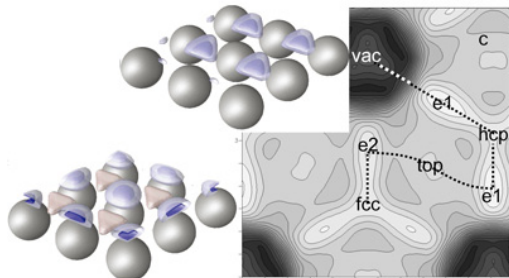
S. Aoyagi, M. Dohi, N. Kato, M. Kudo, S. Iida, M. Tozu, and N. Sanada, Vol. 4, pp. 614-618 (29 August, 2006)



水素原子の表面マイグレーションでの量子効果

Hydrogen atom quantum migration on platinum (Superexpress Letter)

T. Roman, H. Nakanishi, W. A. Dino, and H. Kasai, Vol. 4, pp. 619-623 (3 October, 2006)

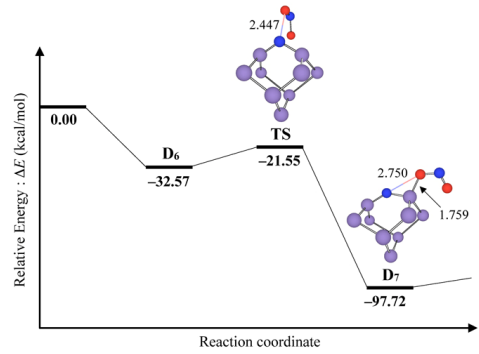


Si 表面にNO分子が吸着：酸化膜の形成

Theoretical study of NO adsorption and decomposition on Si(100) surface (Conference -ISSS-4-)

Kenji Imamura and Hiroaki Tokiwa,

Vol. 4, pp. 624-629 (11 October, 2006)

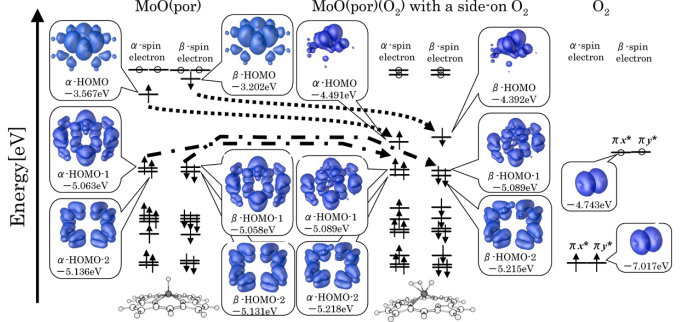


燃料電池の白金電極に代わる金属ポリフィリン

A first principles investigation on the interaction of oxomolybdenum porphyrin with O₂ - Oxomolybdenum porphyrin as a catalyst for oxygen reduction - (Regular Paper)

Vol. 4, pp. 630-635 (17 October, 2006)

Y. Kubota, E. S. Dy, H. Nakanishi, H. Kasai, and W. A. Dino,

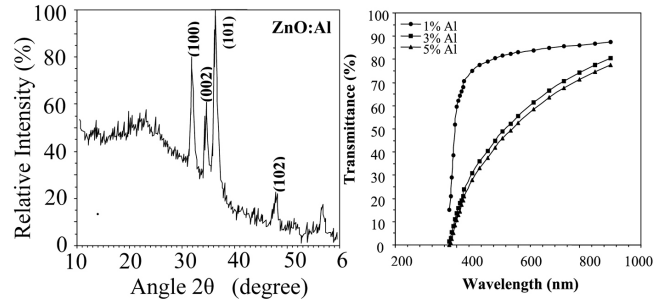


ZnO 薄膜を安価な方法で作る

Preparation and characteristics study of ZnO: (Al,Cu,I) thin films by chemical spray pyrolysis (Regular Paper)

Raid A. Ismail, Ala Al-Naimi, Alaa and A. Al-Ani,

Vol. 4, pp. 636-639 (20 October, 2006)



燃料電池の電極：プロトンの透過

A quantum dynamics study on the H⁺ transmission in a Pt-Nafion interface (Regular Paper)

N. B. Arboleda Jr., M. Tsuda, and H. Kasai,

Vol. 4, pp. 640-643 (31 October, 2006)

