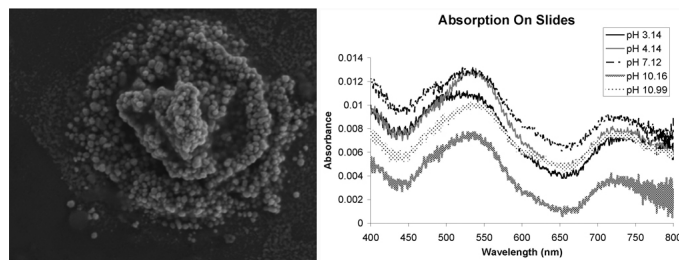


ホームページ: <http://www.sssj.org/ejsnt> 電子メール: ejssnt@sss.jst.go.jp
 J-Stage アーカイブ: <http://www.jstage.jst.go.jp/browse/ejsnt/>

溶液中で金微粒子ナノワイヤを作る

Synthesis and formation of one-dimensional Au nanoparticle chains (Conference-ICSFS-14-)

Ciaran Smyth, Roseanne Reilly, Yury Rakovich, and Eithne McCabe, Vol. 7, pp. 327-329 (4 April, 2009)

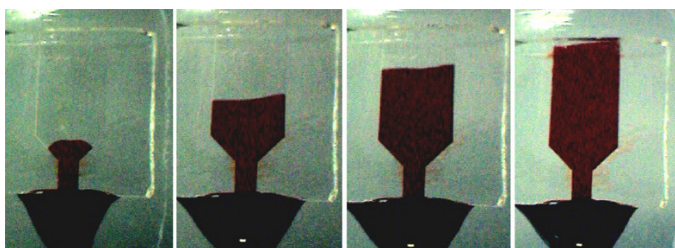


マイクロ流路での層流—Lab-on-a-Chip に向けて

Effect of surface modification on laminar flow in microchannels fabricated by UV-Lithography

(Conference-ICSFS-14-) Vol. 7, pp. 330-333 (4 April, 2009)

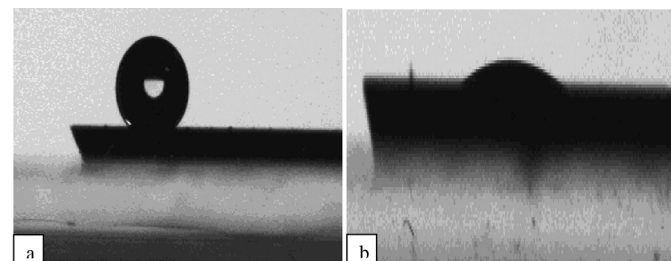
S. Mukhopadhyay, P. O'Keeffe, A. Mathur, M. Tweedie, S. S. Roy, and J. A. McLaughlin,



カーボンナノチューブ表面を修飾して親水性に

Experimental demonstration of hydrophobicity variation in Carbon Nanotubes by surface modifications (Conference- ICSFS-14-)

A. Mathur, S. Wadhwa, J. A. Byrne, S. S. Roy, and J. A. McLaughlin, Vol. 7, pp. 334-336 (4 April, 2009)

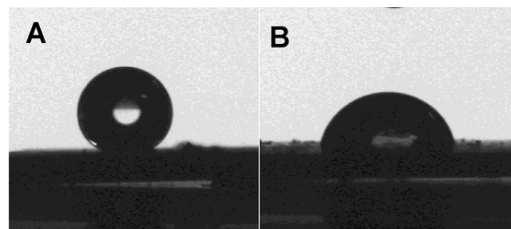


窒素 ECR プラズマでカーボンナノチューブを精製

Dual role of Purification and Functionalisation of Single walled CNT by Electron Cyclotron resonance (ECR) Nitrogen plasma (Conference- ICSFS-14-)

Vol. 7, pp. 337-340 (4 April, 2009)

Ganjigunte R. S. Iyer, P. Papakonstantinou, Gamal Abbas, P. D. Maguire, and D. Bakirtzis

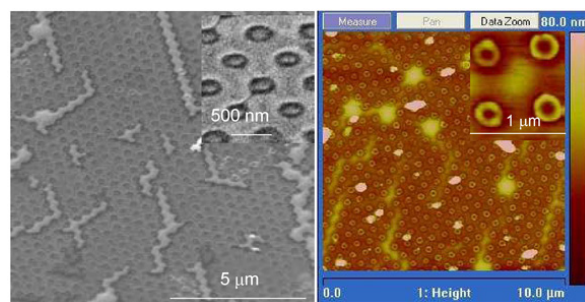


ナノ球体を使ったリソグラフィ

Complementary Analysis Of Metallic Templates Fabricated By Nanosphere Lithography

(Conference-ICSFS-14-) Vol. 7, pp. 341-348 (4 April, 2009)

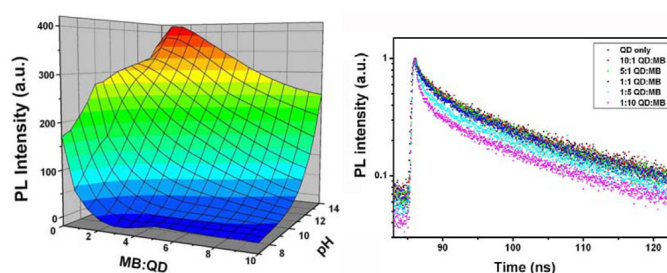
Pradeep Kumar Yadav, Anthony George, Jim McLaughlin, and Patrick Lemoine



半導体ナノ結晶を色素分子で表面修飾

Optical Studies of the Methylene Blue-Semiconductor Nanocrystals Hybrid System (Conference-ICSFS-14-)

Aliaksandra Rakovich, Yury P. Rakovich, and John F. Donegan, Vol. 7, pp. 349-353 (4 April, 2009)

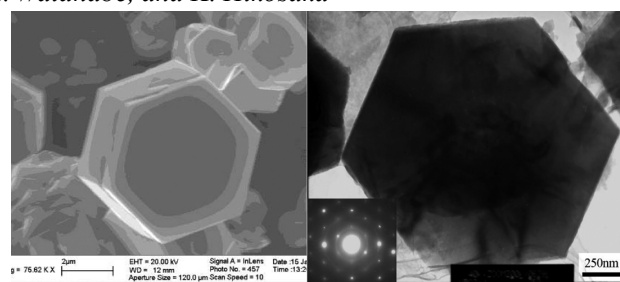


六角柱平板型 ZnO 単結晶の成長と光学特性

Cathodoluminescence of Single Disk-like ZnO Prepared by Low Temperature Solution-based Method

(Conference-ICSFS-14-) Vol. 7, pp. 354-357 (4 April, 2009)

G. Han, M. Okada, Z. Xiao, Y. Neo, T. Aoki, H. Mimura, H. Watanabe, and K. Hikosaka



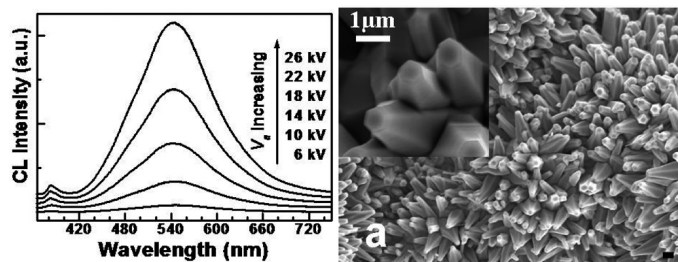
柱状 ZnO 結晶から緑色ルミネッセンス

Cathodoluminescence properties of ZnO tower-like structures prepared by thermal oxidation

(Conference-ICSFS-14-)

Z. Xiao, M. Okada, M. Ichimiya, T. Itoh, G. Han, Y. Neo, T. Aoki, and H. Mimura,

Vol. 7, pp. 358-361 (4 April, 2009)

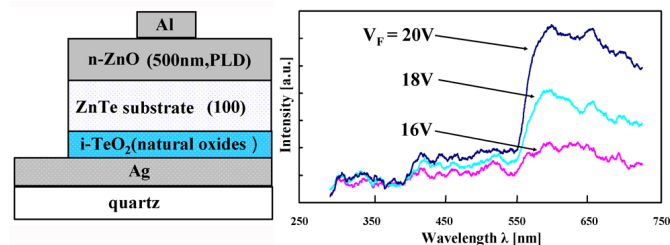


ZnTe の自然酸化膜による MIS 構造とその EL 特性

Electroluminescence from ZnTe MIS Structure using Natural Oxide as Insulating Layer

Conference-ICSFS-14- Vol. 7, pp. 362-365 (4 April, 2009)

A. Kato, T. Komiyama, Y. Chonan, H. Yamaguchi, and T. Aoyama,

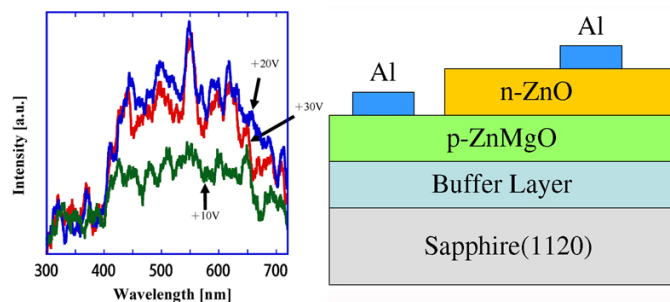


ZnMgO/ZnO ヘテロ構造の IV 特性と EL 特性

Electroluminescence from ZnMgO/ZnO heterojunctions

(Conference-ICSFS-14-) Vol. 7, pp. 366-368 (4 April, 2009)

M. Yamada, J. Mimura, T. Komiyama, H. Yamaguchi, Y. Chonan, and T. Aoyama,



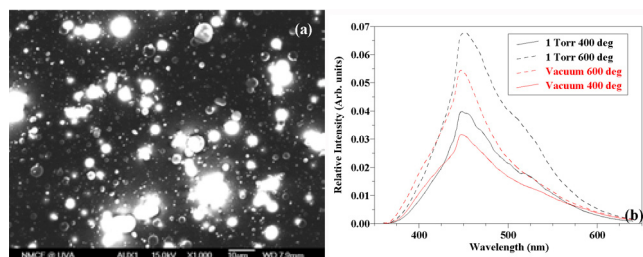
Ce ドープ・イットリウムシリケートの発光特性

Luminescence of Y₂SiO₅:Ce nanocrystalline thin films

(Conference-ICSFS-14-)

E. Coetsee, J. J. Terblans, H.C. Swart, J.M. Fitz-Gerald,

and J. R. Botha, Vol. 7, pp. 369-374 (4 April, 2009)



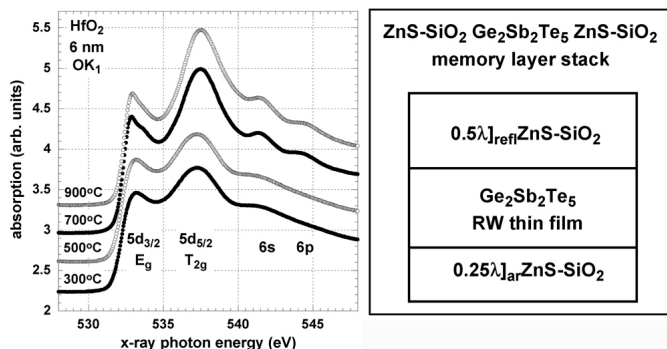
非晶質物質とナノ結晶物質をインテグレートする

Chemical Bonding Self-Organizations and Percolation Theory Applied to Minimization of Macroscopic Strain: Internal Interfaces in Non-Crystalline and Nano-Crystalline Thin Films

(Conference-ICSFS-14-)

Gerald Lucovsky and James C. Phillips,

Vol. 7, pp. 375-380 (4 April, 2009)



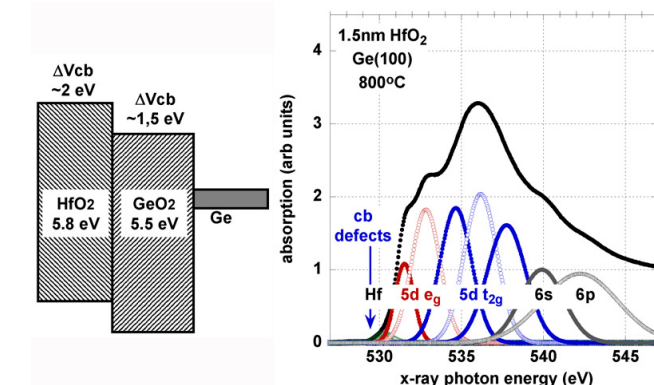
MOS チャンネル物質 Ge と誘電層界面での電子状態

Atomically-Engineered Interfaces Between Crystalline-Ge Substrates and i) Nanocrystalline HfO₂ and ii) Non-Crystalline Hf Si Oxynitride High-K Dielectrics

(Conference-ICSFS-14-)

G. Lucovsky, J. P. Long, K-B Chung, and H. Seo,

Vol. 7, pp. 381-388 (4 April, 2009)



DFT+U 理論を金属酸化物表面の欠陥状態に適用

The Use of the "+U" Correction in Describing Defect States at Metal Oxide Surfaces: Oxygen Vacancies on CeO₂ and TiO₂, and Li-doping of MgO

(Conference-ICSFS-14-)

Benjamin J. Morgan, David O. Scanlon, and Graeme W.

Watson, Vol. 7, pp. 389-394 (4 April, 2009)

