

## ARTÍCULOS ESPECIALIZADOS DE NANOCIENCIA & NANOTECNOLOGÍA 2009 (al 10 agosto)

**Author(s):** O'Dwyer, C (O'Dwyer, Colm); Lavayen, V (Lavayen, Vladimir); Tanner, DA (Tanner, David A.); Newcomb, SB (Newcomb, Simon B.); Benavente, E (Benavente, Eglantina); Gonzalez, G (Gonzalez, Guillermo); Torres, CMS (Torres, Clivia M. Sotomayor)

**Title:** Reduced Surfactant Uptake in Three Dimensional Assemblies of VOx Nanotubes Improves Reversible Li+ Intercalation and Charge Capacity

**Source:** ADVANCED FUNCTIONAL MATERIALS, 19 (11): 1736-1745 JUN 9 2009

**Times Cited:** 0

**Author(s):** O'Dwyer, C (O'Dwyer, C.); Szachowicz, M (Szachowicz, M.); Visimberga, G (Visimberga, G.); Lavayen, V (Lavayen, V.); Newcomb, SB (Newcomb, S. B.); Torres, CMS (Sotomayor Torres, C. M.)

**Title:** Bottom-up growth of fully transparent contact layers of indium tin oxide nanowires for light-emitting devices

**Source:** NATURE NANOTECHNOLOGY, 4 (4): 239-244 APR 2009

**Times Cited:** 0

**Author(s):** Gomez-Jeria, JS (Gomez-Jeria, Juan S.)

**Title:** Minimal Molecular Models for the Study of Nanostructures

**Source:** JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE, 6 (6): 1361-1369 Sp. Iss. SI JUN 2009

**Times Cited:** 0

**Author(s):** Celedon, A (Celedon, Alfredo); Nodelman, IM (Nodelman, Ilana M.); Wildt, B (Wildt, Bridget); Dewan, R (Dewan, Rohit); Searson, P (Searson, Peter); Wirtz, D (Wirtz, Denis); Bowman, GD (Bowman, Gregory D.); Sun, SX (Sun, Sean X.)

**Title:** Magnetic Tweezers Measurement of Single Molecule Torque

**Source:** NANO LETTERS, 9 (4): 1720-1725 APR 2009

**Times Cited:** 0

**Author(s):** Zagal, JH (Zagal, Jose H.); Griveau, S (Griveau, Sophie); Ozoemena, KI (Ozoemena, Kenneth I.); Nyokong, T (Nyokong, Tebello); Bedioui, F (Bedioui, Fethi)

**Title:** Carbon Nanotubes, Phthalocyanines and Porphyrins: Attractive Hybrid Materials for Electrocatalysis and Electroanalysis

**Source:** JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, 9 (4): 2201-2214 APR 2009

**Times Cited:** 1

**Author(s):** Lozano, H (Lozano, Harold); Benavente, E (Benavente, Eglantina); Gonzalez, G (Gonzalez, Guillermo)

**Title:** Deposition of Laminar TiO<sub>2</sub>-Based Nanocomposites on a Modified Quartz Crystal Gold Surface

**Source:** JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, 9 (2): 969-973 Sp. Iss. SI FEB 2009

**Document Type:** Proceedings Paper

**Times Cited:** 0

**Author(s):** Vasquez, J (Vasquez, Juan); Lozano, H (Lozano, Harold); Lavayen, V (Lavayen, Vladimir); Lira-Cantu, M (Lira-Cantu, Monica); Gomez-Romero, P (Gomez-Romero, Pedro); Ana, MAS (Santa Ana, Maria Angelica); Benavente, E (Benavente, Eglantina); Gonzalez, G (Gonzalez, Guillermo)

**Title:** High-Yield Preparation of Titanium Dioxide Nanostructures by Hydrothermal Conditions

**Source:** JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, 9 (2): 1103-1107 Sp. Iss. SI FEB 2009

**Times Cited:** 0

**Author(s):** Diaz, C (Diaz, Carlos); Valenzuela, ML (Valenzuela, Maria Luisa); Ushak, S (Ushak, Svetlana); Lavayen, V (Lavayen, Vladimir); O'Dwyer, C (O'Dwyer, Colm)

**Title:** Nanostructured Silicon Containing Materials Derived from Solid State Pyrolysis of Sililated Polyphosphazene Derivatives

**Source:** JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, 9 (3): 1825-1831 MAR 2009

**Times Cited:** 0

**Author(s):** Cortes, A (Cortes, Andrea); Riveros, G (Riveros, Gonzalo); Palma, JL (Palma, Juan L.); Denardin, JC (Denardin, Juliano C.); Marotti, RE (Marotti, Ricardo E.); Dalchiale, EA (Dalchiale, Enrique A.); Gomez, H (Gomez, Humberto)

**Title:** Single-Crystal Growth of Nickel Nanowires: Influence of Deposition Conditions on Structural and Magnetic Properties

**Source:** JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, 9 (3): 1992-2000 MAR 2009

**Times Cited:** 0

**Author(s):** Petkov, V (Petkov, V.); Ren, Y (Ren, Y.); Saratovsky, I (Saratovsky, I.); Pasten, P (Pasten, P.); Gurr, SJ (Gurr, S. J.); Hayward, MA (Hayward, M. A.); Poeppelmeier, KR (Poeppelmeier, K. R.); Gaillard, JF (Gaillard, J. -F.)

**Title:** Atomic-Scale Structure of Biogenic Materials by Total X-ray Diffraction: A Study of Bacterial and Fungal MnOx

**Source:** ACS NANO, 3 (2): 441-445 FEB 2009

**Times Cited:** 1

**Author(s):** Rosales, L (Rosales, L.); Pacheco, M (Pacheco, M.); Barticevic, Z (Barticevic, Z.); Latge, A (Latge, A.); Orellana, PA (Orellana, P. A.)

**Title:** Conductance gaps in graphene ribbons designed by molecular aggregations

**Source:** NANOTECHNOLOGY, 20 (9): Art. No. 095705 MAR 4 2009

**Times Cited:** 0

**Author(s):** Covarrubias, C (Covarrubias, Cristian); Quijada, R (Quijada, Raul); Rojas, R (Rojas, Rene)

**Title:** Synthesis of nanosized ZSM-2 zeolite with potential acid catalytic properties

**Source:** MICROPOROUS AND MESOPOROUS MATERIALS, 117 (1-2): 118-125 JAN 1 2009

**Times Cited:** 0

**Author(s):** Hedberg, J (Hedberg, Jonas); Henriquez, J (Henriquez, Jaime); Baldelli, S (Baldelli, Steven); Johnson, CM (Johnson, C. Magnus); Leygraf, C (Leygraf, Christofer)

**Title:** Initial Atmospheric Corrosion of Zinc Exposed to Formic Acid, Investigated by in Situ Vibrational Sum Frequency Spectroscopy and Density Functional Theory Calculations

**Source:** JOURNAL OF PHYSICAL CHEMISTRY C, 113 (6): 2088-2095 FEB 12 2009

**Times Cited:** 1

**Author(s):** Dimov, IK (Dimov, Ivan K.); Garcia-Cordero, JL (Garcia-Cordero, Jose L.); O'Grady, J (O'Grady, Justin); Poulsen, CR (Poulsen, Claus R.); Viguier, C (Viguier, Caroline); Kent, L (Kent, Lorcan); Daly, P (Daly, Paul); Lincoln, B (Lincoln, Bryan); Maher, M (Maher, Majella); O'Kennedy, R (O'Kennedy, Richard); Smith, TJ (Smith, Terry J.); Ricco, AJ (Ricco, Antonio J.); Lee, LP (Lee, Luke P.)

**Title:** Integrated microfluidic tmRNA purification and real-time NASBA device for molecular diagnostics

**Source:** LAB ON A CHIP, 8 (12): 2071-2078 2008

**Times Cited:** 1