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Wang Zhang, Di Zhang, Tongxiang Fan, Jiajun Gu, Jian Ding, Hao Wang, Qixin Guo and Hiroshi Ogawa

Connecting Carbon Fibers by Means of Catalytically Grown Nanofilaments: Formation of Carbon−Carbon Composites

F. Cesano, S. Bertarione, D. Scarano, and A. Zecchina

Activated Carbon Materials of Uniform Porosity from Polyaramid Fibers

S. Villar-Rodil, F. Suárez-García, J. I. Paredes, A. Martínez-Alonso, and J. M. D. Tascón

Hierachical Porous Carbon Structures from Cellulose Acetate Fibers

S. Polarz, B. Smarsly, and J. H. Schattka

Alternative Li-Ion Battery Electrode Based on Self-Organized Titania Nanotubes

Gregorio F. Ortiz, Ilie Hanzu, Thierry Djenizian, Pedro Lavela, Jos L. Tirado and Philippe Knauth

Mesoporous Microspheres with Doubly Ordered Core−Shell Structure

Adolfo López-Noriega, Eduardo Ruiz-Hernández, Sam M. Stevens, Daniel Arcos, Michael W. Anderson, Osamu Terasaki and Maria Vallet-Regí

Urease Functionalized Silica: A Biohybrid Substrate To Drive Self-Mineralization

Ilida Ortega, Matías Jobbágy, María Luisa Ferrer and Francisco del Monte

Single-Step Fabrication of Monodisperse TiO_2 Hollow Spheres with Embedded Nanoparticles in Microfluidic Devices

Tai Hee Eun, Se-Hoon Kim, Won-Jong Jeong, Seog-Jin Jeon, Shin-Hyun Kim and Seung-Man Yang

Experimental Determination of the Extinction Coefficient of CdTe, CdSe, and CdS Nanocrystals

W. William Yu, Lianhua Qu, Wenzhuo Guo, and Xiaogang Peng

Evolution of the Structure and Magnetic Properties of FeCo Nanoparticles in an Alumina Aerogel Matrix

Anna Corrias, Maria F. Casula, Andrea Falqui, and Giorgio Paschina

Inorganic Materials as Catalysts for Photochemical Splitting of Water

Frank E. Osterloh

Synthesis of Thermally Stable and Highly Active Bimetallic Au−Ag Nanoparticles on Inert Supports

Xiaoyan Liu, Aiqin Wang, Xiaofeng Yang, Tao Zhang, Chung-Yuan Mou, Dang-Sheng Su and Jun Li

Synthesis of Eccentric Titania−Silica Core−Shell and Composite Particles

Ahmet Faik Demirörs, Alfons van Blaaderen and Arnout Imhof

Ionothermal Synthesis of Tailor-Made $LiFePO_4$ Powders for Li-Ion Battery Applications

N. Recham, L. Dupont, M. Courty, K. Djellab, D. Larcher, M. Armand and J.-M. Tarascon

Selective Functionalization of the Outer and Inner Surfaces in Mesoporous Silica Nanoparticles

Johann Kecht, Axel Schlossbauer and Thomas Bein

Silica−Metal Core−Shells and Metal Shells Synthesized by Porphyrin-Assisted Photocatalysis

Haorong Wang, Yujiang Song, Zhongchun Wang, Craig J. Medforth, James E. Miller, Lindsey Evans, Peng Li and John A. Shelnutt

Nanoparticle Assembly of Mesoporous AlOOH (Boehmite)

Randall W. Hicks and Thomas J. Pinnavaia

Self-Assembled Hollow Spheres of β-Ni(OH)2 and Their Derived Nanomaterials

Shengmao Zhang and Hua Chun Zeng

Boehmite Derived γ-Alumina System. 1. Structural Evolution with Temperature, with the Identification and Structural Determination of a New Transition Phase, γ‘-Alumina

Gianluca Paglia, Craig E. Buckley, Andrew L. Rohl, Robert D. Hart, Kartsen Winter, Andrew J. Studer, Brett A. Hunter, and John V. Hanna

Fine-Scale Nanostructure in γ-Al_2O_3

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