

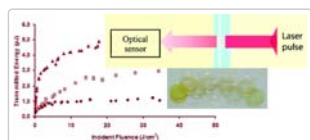
Most Read Articles

Most Read articles are updated on a monthly basis and available as 1 month and 12 month lists. Below are the journal's Top 20 most downloaded articles for the previous month.

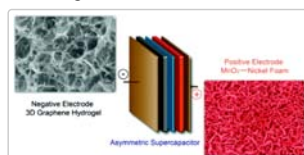
Choose a timeframe:

Select All For Selected:

Silica Hybrid Sol–Gel Materials with Unusually High Concentration of Pt–Organic Molecular Guests: Studies of Luminescence and Nonlinear
 Denis Chateau, Frédéric Chaput, Cesar Lopes, Mikael Lindgren, Carl Brännlund, Johan Öhgren, Nikolaj Djourelov, Patrick Nedelec, Cedric Desroches, Bertil Eliasson, Tomas Kindahl, Frédéric Lerouge, Chantal Andraud, and



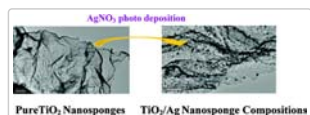
High-Performance Asymmetric Supercapacitor Based on Graphene Hydrogel and Nanostructured MnO₂
 Hongcai Gao, Fei Xiao, Chi Bun Ching, and Hongwei Duan



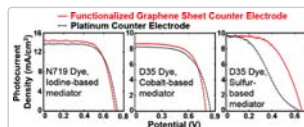
Facile Fabrication of TiO₂–Graphene Composite with Enhanced Photovoltaic and Photocatalytic Properties by Electrospinning
 Zhu Peining, A. Sreekumaran Nair, Peng Shengjie, Yang Shengyuan, and Seeram Ramakrishna



Synthesis of Natural Cellulose-Templated TiO₂/Ag Nanosponge Composites and Photocatalytic Properties
 Dong-Hui, Yu, Xiaodan, Yu, Changhua, Wang, Xian-Chun, Liu, and Yan, Xing



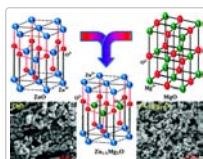
Functionalized Graphene Sheets as a Versatile Replacement for Platinum in Dye-Sensitized Solar Cells
 Joseph D. Roy-Mayhew, Gerrit Boschloo, Anders Hagfeldt, and Ilhan A. Aksay



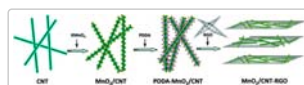
Efficient 3D Conducting Networks Built by Graphene Sheets and Carbon Nanoparticles for High-Performance Silicon Anode
 Xiaosi Zhou, Ya-Xia Yin, An-Min Cao, Li-Jun Wan, and Yu-Guo Guo



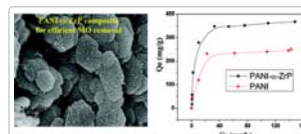
Mg-Doped ZnO Nanoparticles for Efficient Sunlight-Driven Photocatalysis
 Vinodkumar Etacheri, Roshith Roshan, and Vishwanathan Kumar



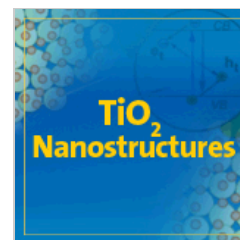
Incorporation of MnO₂-Coated Carbon Nanotubes between Graphene Sheets as Supercapacitor Electrode
 Zhibin Lei, Fuhua Shi, and Li Lu



Stable Organic–Inorganic Hybrid of Polyaniline/ α -Zirconium Phosphate for Efficient Removal of Organic Pollutants in Water Environment
 Lei Wang, Xi-Lin Wu, Wei-Hong Xu, Xing-Jiu Huang, Jin-Huai Liu, and An-Wu Xu



Advertisements



Info for Advertisers

Browse By Issue

Select Decade

Select Volume

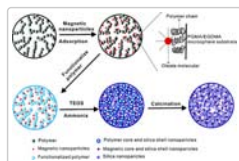
Select Issue

List of Issues

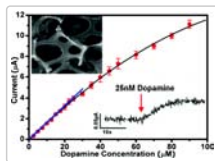
Advertisements

Info for Advertisers

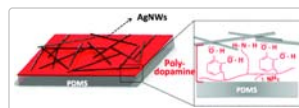
Synthesis of Monodisperse, Hierarchically Mesoporous, Silica Microspheres Embedded with Magnetic Nanoparticles
Yong Wang, Jie He, Jiwei Chen, Lianbing Ren, Biwang Jiang, and Jing Zhao



3D Graphene Foam as a Monolithic and Macroporous Carbon Electrode for Electrochemical Sensing
Xiaochen Dong, Xuewan Wang, Lianhui Wang, Hao Song, Hua Zhang, Wei Huang, and Peng Chen

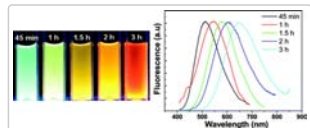


Reversibly Stretchable Transparent Conductive Coatings of Spray-Deposited Silver Nanowires
Tahmina Akter and Woo Soo Kim

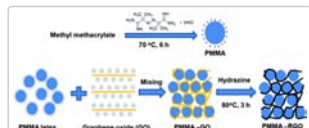


One-Pot Noninjection Route to CdS Quantum Dots via Hydrothermal Synthesis

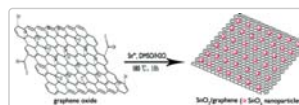
Abdelhay Aboulach, Denis Billaud, Mouhammad Aryan, Lavinia Balan, Jean-Jacques Gaumet, Ghouti Medjadhi, Jaafar Ghanbaja, and Raphaël Schneider



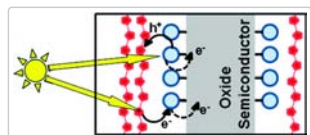
Highly Conductive Poly(methyl methacrylate) (PMMA)-Reduced Graphene Oxide Composite Prepared by Self-Assembly of PMMA Latex and Viet Hung Pham, Thanh Truong Dang, Seung Hyun Hur, Eui Jung Kim, and Jin Suk Chung



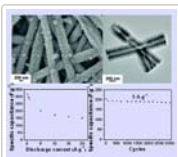
One-Step In situ Synthesis of SnO₂/Graphene Nanocomposites and Its Application As an Anode Material for Li-Ion Batteries
Junfei Liang, Wei Wei, Da Zhong, Qinglin Yang, Lidong Li, and Lin Guo



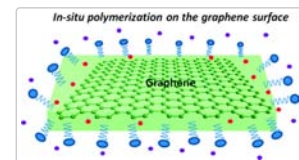
Electron Transport in Acceptor-Sensitized Polymer-Oxide Solar Cells: The Importance of Surface Dipoles and Electron Cascade Effects
Seare A. Berhe, Joy Y. Zhou, Keith M. Haynes, Marco T. Rodriguez, and W. Justin Youngblood



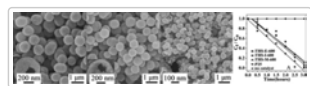
Oxidation-Etching Preparation of MnO₂ Tubular Nanostructures for High-Performance Supercapacitors
Jixin Zhu, Wenhui Shi, Ni Xiao, Xianhong Rui, Huiteng Tan, Xuehong Lu, Huey Hoon Hng, Jan Ma, and Qingyu Yan



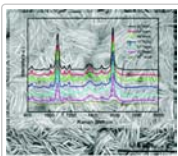
Localized In situ Polymerization on Graphene Surfaces for Stabilized Graphene Dispersions
Sriya Das, Ahmed S. Wajid, John L. Shelburne, Yen-Chih Liao, and Micah J. Green



Template-Free Fabrication of TiO₂ Hollow Spheres and Their Photocatalytic Properties
Shuqin Shang, Xiuling Jiao, and Dairong Chen



Highly Sensitive Surface-Enhanced Raman Spectroscopy (SERS) Platforms Based on Silver Nanostructures Fabricated on Polyaniline Membrane
Jun Yan, Xijiang Han, Jiaojiao He, Leilei Kang, Bin Zhang, Yunchen Du, Hongtao Zhao, Cunku Dong, Hsing-Lin Wang, and Ping Xu



1155 Sixteenth Street N.W.
Washington, DC 20036

Products

Journals A-Z

Books

C&EN

C&EN Archives

ACS Legacy Archives

ACS Mobile

Video

User Resources

About Us

ACS Members

Librarians

Authors & Reviewers

Website Demos

Support

Get Help

For Advertisers

Institutional Sales

Live Chat

Partners

Atypon

COPE

COUNTER

crossref

Search ACS Publications

Search Anywhere

Search