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Jason H. Hafner

2010, 4 (5), p 2487

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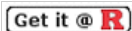
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Goki Eda and Manish Chhowalla

2011, 5 (6), pp 4265-4268

Publication Date (Web): June 10, 2011 (Perspective)

DOI: 10.1021/nn202025u

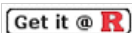
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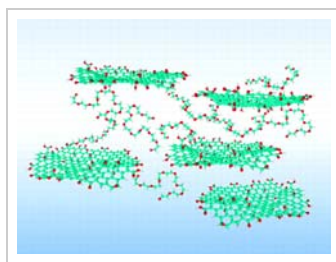


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### Facile Synthetic Route for Surface-Functionalized Magnetic Nanoparticles: Cell Labeling and Magnetic Resonance Imaging Studies

Hyun Jung Chung, Haeshin Lee, Ki Hyun Bae, Yuhan Lee, Jongnam Park, Seung-Woo Cho, Jin Young Hwang, Hyunwook Park, Robert Langer, Daniel Anderson, and Tae Gwan Park

2011, 5 (6), pp 4329-4336

Publication Date (Web): May 28, 2011 (Article)

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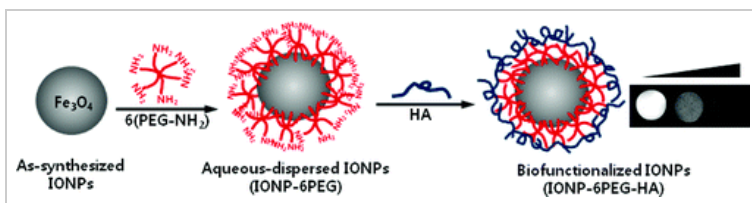


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### Absorption Properties of Metal–Semiconductor Hybrid Nanoparticles

Ehud Shaviv, Olaf Schubert, Marcelo Alves-Santos, Guido Goldoni, Rosa Di Felice, Fabrice Vallée, Natalia Del Fatti, Uri Banin, and Carsten Sönnichsen

2011, 5 (6), pp 4712–4719

Publication Date (Web): June 7, 2011 (Article)

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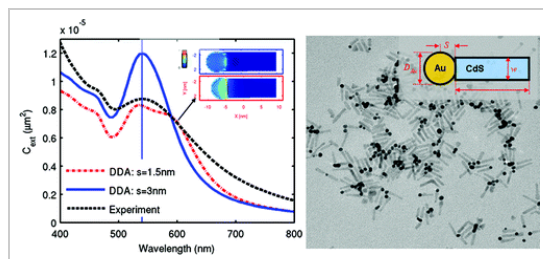


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### The Shape Effect of Mesoporous Silica Nanoparticles on Biodistribution, Clearance, and Biocompatibility *in Vivo*

Xinglu Huang, Linlin Li, Tianlong Liu, Nanjing Hao, Huiyu Liu, Dong Chen, and Fangqiong Tang

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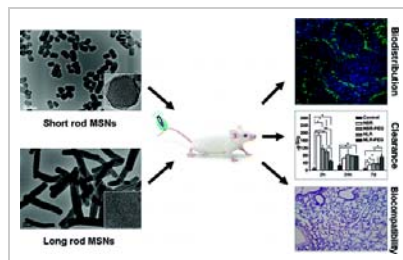


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### Photochemical Chlorination of Graphene

Bo Li, Lin Zhou, Di Wu, Hailin Peng, Kai Yan, Yu Zhou, and Zhongfan Liu

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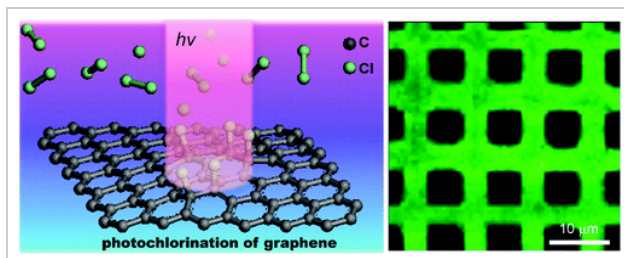


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### Direct Synthesis of Lithium-Intercalated Graphene for Electrochemical Energy Storage Application

Ashavani Kumar, Arava Leela Mohana Reddy, Arnab Mukherjee, Madan Dubey, Xiaobo Zhan, Neelam Singh, Lijie Ci, W. Edward Billups, John Nagurny, Gandhi Mital, and Pulickel M. Ajayan

2011, *5* (6), pp 4345-4349

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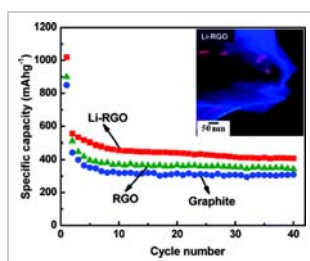


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### Specific Cell Targeting with Nanobody Conjugated Branched Gold Nanoparticles for Photothermal Therapy

Bieke Van de Broek, Nick Devoogdt, Antoine D'Hollander, Hannah-Laura Gijs, Karolien Jans, Liesbet Lagae, Serge Muyldermans, Guido Maes, and Gustaaf Borghs

2011, *5* (6), pp 4319-4328

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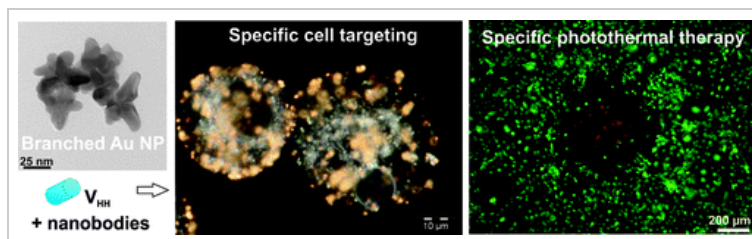


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### Effect of Gold Nanoparticle Aggregation on Cell Uptake and Toxicity

Alexandre Albanese and Warren C.W. Chan

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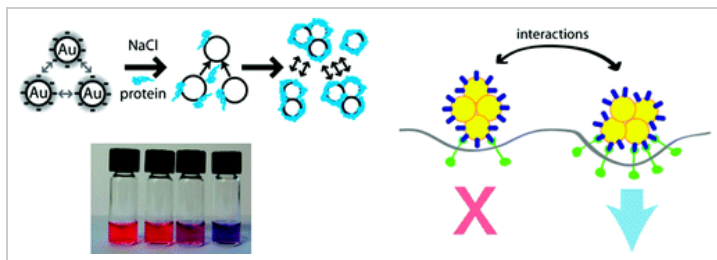


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### Chemically Active Reduced Graphene Oxide with Tunable C/O Ratios

Owen C. Compton, Bonny Jain, Dmitriy A. Dikin, Ali Abouimrane, Khalil Amine, and SonBinh T. Nguyen

2011, 5 (6), pp 4380-4391

Publication Date (Web): April 7, 2011 (Article)

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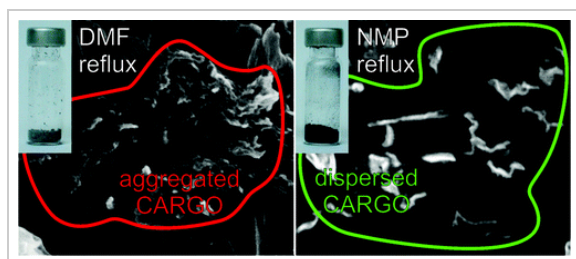
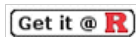


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### Impact of Silica Nanoparticle Design on Cellular Toxicity and Hemolytic Activity

Tian Yu, Alexander Malugin, and Hamidreza Ghandehari

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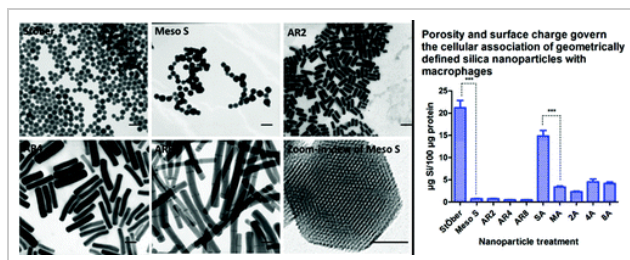
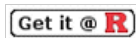


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### Wrinkled Nanoporous Gold Films with Ultrahigh Surface-Enhanced Raman Scattering Enhancement

Ling Zhang, Xingyou Lang, Akihiko Hirata, and Mingwei Chen

2011, 5 (6), pp 4407-4413

Publication Date (Web): May 31, 2011 (Article)

DOI: 10.1021/nn201443p

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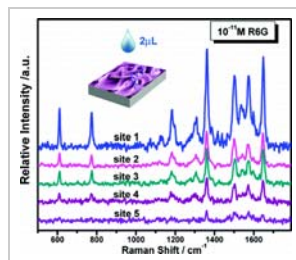


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### Flexible Organic Memory Devices with Multilayer Graphene Electrodes

Yongsung Ji, Sangchul Lee, Byungjin Cho, Sunghoon Song, and Takhee Lee

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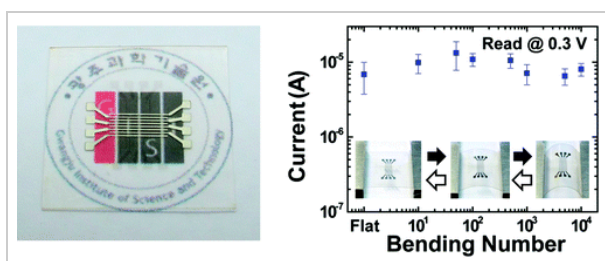


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### Size-Dependent Valence and Conduction Band-Edge Energies of Semiconductor Nanocrystals

Jacek Jasieniak, Marco Califano, and Scott E. Watkins

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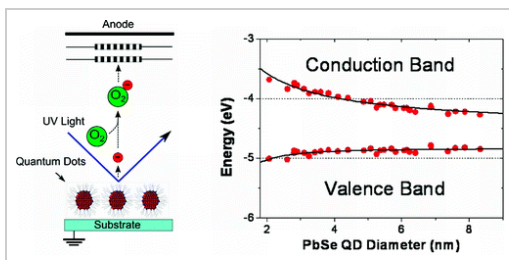


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### Traceable Multifunctional Micellar Nanocarriers for Cancer-Targeted Co-delivery of MDR-1 siRNA and Doxorubicin

Xiao-Bing Xiong and Afsaneh Lavasanifar

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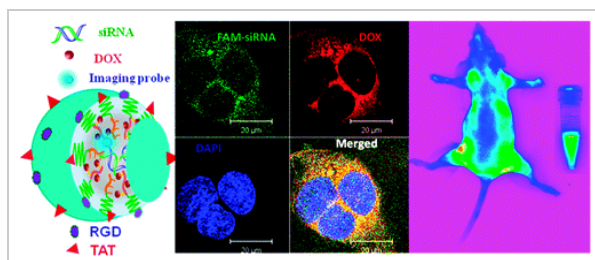


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### Water Boiling Inside Carbon Nanotubes: Toward Efficient Drug Release

Vitaly V. Chaban and Oleg V. Prezhdo

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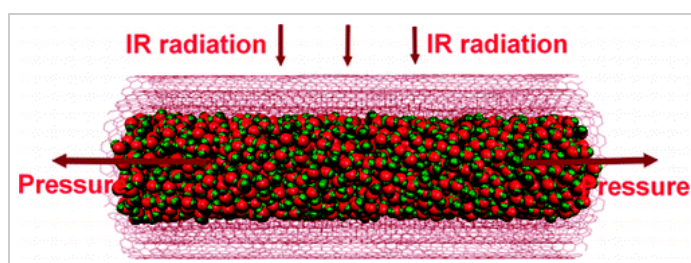


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### Doped Graphene Sheets As Anode Materials with Superhigh Rate and Large Capacity for Lithium Ion Batteries

Zhong-Shuai Wu, Wencai Ren, Li Xu, Feng Li, and Hui-Ming Cheng

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### Effect of Graphene Fermi Level on the Raman Scattering Intensity of Molecules on Graphene

Hua Xu, Liming Xie, Haoli Zhang, and Jin Zhang

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### Atomically Thin Surface Cloak Using Graphene Monolayers

Pai-Yen Chen and Andrea Alù

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### Switchable Conductance in Functionalized Carbon Nanotubes via Reversible Sidewall Bond Cleavage

Elise Y. Li, Nicolas Poilvert, and Nicola Marzari

2011, 5 (6), pp 4455-4465

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