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1. **Application of Highly Ordered TiO_2 Nanotube Arrays in Flexible Dye-Sensitized Solar Cells**
Gaokai Kuang,†,‡,§ Yong Bai,† Wenjun Chen,† Weiqiang Tabata, Satoshi Ishikiriyama, Hideaki Miura, Kohichi Tanabe, Shank. N. Zakeeruddin and Michael Grätzel*
2008, 2 (8), pp 1518–1520
Publication Date (Web): May 27, 2008 (Article)
DOI: 10.1021/nn800252z
Abstract | Full Text HTML | Full Text PDF [1518K] | PDF w/ Links [1518K] | Supporting Info | Subscriber Access
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2. **TiO_2-Graphene Nanocomposites. UV-Assisted Photocatalytic Reduction of Graphene Oxide**
Gvanesh Williams, Brian Seger and Prashant V. Kamat
2008, 2 (10), pp 1487–1491
Publication Date (Web): October 21, 2008 (Article)
DOI: 10.1021/nn800337
Abstract | Full Text HTML | Full Text PDF [1487K] | PDF w/ Links [1487K] | Supporting Info | Subscriber Access
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3. **Transparent Conductive Single-Walled Carbon Nanotube Network with Precisely Tunable Ratios of Semiconducting and Metallic Nanotubes**
Zhenyu Li, Zhongrui Chen, Yi Cui, Joseph W. Jaroniec, Hongjie Dai, Robert C. Tenent, Timothy J. Bunnagel, Bobby Yu, Timothy J. Quick and Michael J. Heben
2008, 2 (8), pp 1267–1272
Publication Date (Web): May 29, 2008 (Article)
DOI: 10.1021/nn800208
Abstract | Supporting Info | Full Text HTML | Full Text PDF [1267K] | PDF w/ Links [1267K] | Subscriber Access
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4. **P3S-Graphene Composite as a High Performance Photocatalyst**
Hao Zhang, Xiaojun Lv, Yuanming Li, Ying Wang and Jinghong Li
2010, 4 (1), pp 380–386
Publication Date (Web): December 30, 2009 (Article)
DOI: 10.1021/nn801130
Abstract | Supporting Info | Full Text HTML | Full Text PDF [2700K] | PDF w/ Links [2696K] | Subscriber Access
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5. **Three-Dimensional Pt-on-Pd Bimetallic Nanodendrites Supported on Graphene Nanosheet: Facile Synthesis and Used as an Advanced Nanoelectrocatalyst for Methanol Oxidation**
Zhiqun Lin, Xiaoqing Huang and Zeheng Wang
2010, 4 (1), pp 465–470
Publication Date (Web): December 15, 2009 (Article)
DOI: 10.1021/nn801603
Abstract | Supporting Info | Full Text HTML | Full Text PDF [1800K] | PDF w/ Links [1800K] | Subscriber Access
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6. **Nitrogen-Doped Graphene as Efficient Metal-Free Electrocatalyst for Oxygen Reduction in Fuel Cells**
Dan Yu, Yuhai Nagelli, Fuqiang Hu and Liming Dai
2010, 4 (1), pp 148–156
Publication Date (Web): February 25, 2010 (Article)
DOI: 10.1021/nn100206z
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7. **Organic Light-Emitting Diodes on Solution-Processed Graphene Transparent Electrodes**
Junbo Wu, Mukul Agrawal, HFrize A. Becerril, Zhenan Bao, Zunfeng Liu, Yongfeng Chen and Peter Peumans
2010, 4 (1), pp 43–48
Publication Date (Web): November 10, 2009 (Article)
DOI: 10.1021/nn900728d
Abstract | Full Text HTML | Full Text PDF [4080K] | PDF w/ Links [3790K] | Subscriber Access
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8. **Ternary Self-Assembly of Ordered Metal Oxide–Graphene Nanocomposites for Electrochemical Energy Storage**
Donghai Wang, Rong Kou, Daiwon Choi, Zhenguo Yang, Zimin Nie, Juan Li, Laxmikant V. Saraf, Dehong Hu, Jianzhi Zhang, Gordon L. Graff, Jun Liu, Michael A. Pope and Ilhan A. Aksay
2010, 4 (1), pp 1587–1595
Publication Date (Web): February 25, 2010 (Article)
DOI: 10.1021/nn100160
Abstract | Supporting Info | Full Text HTML | Full Text PDF [4014K] | PDF w/ Links [5786K] | Subscriber Access
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9. **Comparison of the Mechanism of Toxicity of Zinc Oxide and Cerium Oxide Nanoparticles Based on Dissolution and Oxidative Stress Properties**
Tian Xia, Michael Kovochich, Matt Brant, Brian Hotchkiss, Benjamin Gilbert, Haibin Shi, Joanne I. Yeh, Jeffrey I. Zink and Andre E. Nel
2009, 3 (10), pp 3126–3138
Publication Date (Web): October 2, 2009 (Article)
DOI: 10.1021/nn900709
Abstract | Supporting Info | Full Text HTML | Full Text PDF [1950K] | PDF w/ Links [1950K] | Subscriber Access
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10. **Smart Nanomaterials**
Mansoor Amiji and Jacey Lahann
2008, 2 (8), pp 1529–1537
Publication Date (Web): June 24, 2008 (Perspectives)
DOI: 10.1021/nn800332g
Abstract | Full Text HTML | Full Text PDF [1013K] | PDF w/ Links [987K] | Subscriber Access
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11. **Thin Film Nanotube Transistors Based on Self-Assembled, Aligned, Semiconducting Carbon Nanotube Arrays**
Michael Engel, Joshua P. Small, Matthias Steiner, Marcus Freitag, Alexander A. Green, Mark C. Hersam and Phaedon Avouris
2008, 2 (6), pp 1445–1452
Publication Date (Web): December 9, 2008 (Article)
DOI: 10.1021/nn800708w
Abstract | Supporting Info | Full Text HTML | Full Text PDF [810K] | PDF w/ Links [844K] | Subscriber Access
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12. **Structure Direction of II−VI Semiconductor Quantum Dot Binary Nanoparticle Superlattices by Tuning Radius Ratio**
Dong Yang and Zhongwei Chen
2008, 2 (10), pp 2097–2102
Publication Date (Web): May 7, 2008 (Article)
DOI: 10.1021/nn800158
Abstract | Supporting Info | Full Text HTML | Full Text PDF [2021K] | PDF w/ Links [1835K] | Subscriber Access
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13. **Electron Injection from Colloidal PbS Quantum Dots into Titanium Dioxide Nanoparticles**
Ryan David Harris, Yu Wu, Zhong, Adam C. Barnes, Longsheng Lan, Hector D. Abruña, Frank W. Wise, Jason D. Goodreau, James R. Matthews, Thomas W. Leslie and Nicholas F. Borrelli
2010, 4 (1), pp 351–356
Publication Date (Web): October 26, 2008 (Article)
DOI: 10.1021/nn800338
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14. **Two-Dimensional Graphene Bridges Enhanced Photoinduced Charge Transport in Dye-Sensitized Solar Cells**
Yanhong Tang, Jin Zhai, Dan Wang, Yongsheng Chen and Lei Jiang
2010, 4 (1), pp 380–386
Publication Date (Web): January 20, 2010 (Article)
DOI: 10.1021/nn901850d
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15. **Self-Assembled TiO_2–Graphene Hybrid Nanostructures for Enhanced Li-Ion Insertion**
Donghai Wang, Daiwon Choi, Juan Li, Zhenguo Yang, Zimin Nie, Rong Kou, Dehong Hu, Chongmin Wang, Laxmikant V. Saraf, Jiguang Zhang, Ilhan A. Aksay and Jun Liu
2009, 3 (9), pp 907–914
Publication Date (Web): March 26, 2009 (Article)
DOI: 10.1021/nn900159g
Abstract | Supporting Info | Full Text HTML | Full Text PDF [1796K] | PDF w/ Links [5246K] | Subscriber Access
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16. **Uptake and Intracellular Fate of Surface-Modified Gold Nanoparticles**
Pablo Rivera, Ian A. Prior and Matthew Brust
2008, 2 (8), pp 1628–1640
Publication Date (Web): July 22, 2008 (Article)
DOI: 10.1021/nn800258q
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17. **Graphene Mode-Locked Ultrafast Laser**
Zhipei Sun, Tawfique Hasan, Felice Torrisi, Daniel Popa, Giulia Privitera, Fengqiu Wang, Francesco Bonaccorso, Dun M. Basko and Andrea C. Ferrari
2010, 4 (1), pp 803–810
Publication Date (Web): January 25, 2010 (Article)
DOI: 10.1021/nn901706x
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18. **Exfoliation of Graphite Oxide in Propylene Carbonate and Thermal Reduction of the Resulting Graphene Oxide Platelets**
Hanna Hou Siagi Y. Guinto, Gerardo Lai, Arena Intramalapre, Richard D. Priestley, Daniel Chen and Rodney D. Rauff
2010, 4 (1), pp 1321–1326
Publication Date (Web): January 25, 2010 (Article)
DOI: 10.1021/nn901808k
Abstract | Supporting Info | Full Text HTML | Full Text PDF [2808K] | PDF w/ Links [2670K] | Subscriber Access
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19. **Centimeter-Long and Large-Scale Micropatterns of Reduced Graphene Oxide Films: Fabrication and Sensing Applications**
Qiuyan He, Henry Gunkel Sudhuo, Zongxiao Yin, Shomi Ma, Hao Li, Freddy Boey, Wei Huang, Peng Chen and Hua Zhang
2010, 4 (1), pp 3201–3208
Publication Date (Web): May 4, 2010 (Article)
DOI: 10.1021/nn100786x
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20. **Preparation and Electrical Properties of Cobalt-Platinum Nanoparticle Monolayers Deposited by the Langmuir−Blodgett Technique**
Hanna Hakkinen, Mats Overbeck, Igor Kondratyuk, Andreas Fröhlich, Andreas Korowski, Jochen Blumberg, Dirk Schmeißer, Michael Moseler
2008, 2 (6), pp 1123–1130
Publication Date (Web): June 6, 2008 (Article)
DOI: 10.1021/nn800253q
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