

Macromolecules

Publications A-Z Home | Authors & Reviewers | Librarians | ACS Members | Help



Subscriber access provided by UNIV SCI & TECH OF CHINA

ACS Journals C&EN CAS

Advertisements

Miniature Spectrometers

Chemistry

*StellarNet Inc .StellarNet.us

Info for Advertisers

Browse By Issue

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: 1 Month 12 months

Select All For Selected:

Graphene/Polymer Nanocomposites

Hyunwoo Kim, Ahmed A. Abdala and Christopher W. Macosko 2010, 43 (16), pp 6515-6530 Publication Date (Web): July 23, 2010 (Perspective) DOI: 10.1021/ma100572e



Figure 1 of 11

Abstract

Full Text HTML

Hi-Res PDF [3483K] PDF w/ Links [1214K]

Subscriber Access



Don't just look at your samples...



Info for Advertisers

Click Polymerization: Progresses, Challenges, and Opportunities

Anjun Qin, Jacky W. Y. Lam, and Ben Zhong Tang

2010, 43 (21), pp 8693-8702

Publication Date (Web): September 28, 2010 (Perspective)

DOI: 10.1021/ma101064u

Abstract Full Text HTML Hi-Res PDF [4448K] PDF w/ Links [1002K] Subscriber Access



Figure 1 of 4

Responsive Polymers for Detection and Sensing Applications: Current Status and **Future Developments**

Jinming Hu and Shiyong Liu 2010, 43 (20), pp 8315-8330

Publication Date (Web): September 17, 2010 (Perspective)

DOI: 10.1021/ma1005815

Abstract

Full Text HTML Hi-Res PDF [5733K]

DF w/ Links [1563K]

Subscriber Access

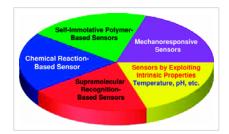


Figure 1 of 14

☐ Bioinspired Polymeric Nanocomposites

David A. Stone and LaShanda T. J. Korley

2010, *43* (22), pp 9217-9226 Publication Date (Web): October 4, 2010 (Perspective) DOI: 10.1021/ma101661p

Abstract

🚺 Full Text HTML

Hi-Res PDF [4677K]

PDF w/ Links [1200K]

Subscriber Access



Figure 1 of 11

Abstract

Full Text HTML

Hi-Res PDF [4154K]

PDF w/ Links [1335K]

Subscriber Access

Photoinitiated Polymerization: Advances, Challenges, and Opportunities Yusuf Yagci, Steffen Jockusch and Nicholas J. Turro

2010, 43 (15), pp 6245-6260 Publication Date (Web): June 16, 2010 (Perspective)

DOI: 10.1021/ma1007545

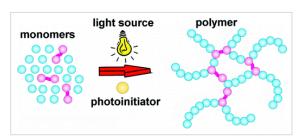


Figure 1 of 2

Polymer Scaffolds for Biomaterials Applications

Molly S. Shoichet

2010, *43* (2), pp 581-591 Publication Date (Web): December 15, 2009 (Perspective)

DOI: 10.1021/ma901530r

Abstract

PDF w/ Links [960K]

Subscriber Access

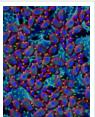


Figure 1 of 10

Surface-Initiated Living Radical Polymerization from Narrowly Size-Distributed Silica Nanoparticles of Diameters Less Than 100 nm

Kohji Ohno, Tatsuki Akashi, Yun Huang, and Yoshinobu Tsujii

2010, *43* (21), pp 8805-8812 Publication Date (Web): October 5, 2010 (Article)

DOI: 10.1021/ma1018389

Full Text HTML



Ads by Google Olive Garden® Restaurants Try Four Cheese Stuffed Sacchetti W/ Chicken Or

Shrimp - Try Today! www.OliveGarden.com/Pass. Local Pubs

Listings With Maps & Ratings Local Mole - The Local Directory LocalMole.co.uk/Pubs

Smoking Law Solutions

Burda Design Heaters, Waterproof to Stay Warm Outside at any Time www.Burdawtg.de/Smoking.

Info for Advertisers

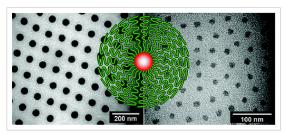


Figure 1 of 11

Abstract

- Full Text HTML
- Hi-Res PDF [2782K]
- PDF w/ Links [1002K]
- Subscriber Access

Dopamine-Induced Reduction and Functionalization of Graphene Oxide Nanosheets

Li Qun Xu, Wen Jing Yang, Koon-Gee Neoh, En-Tang Kang, and Guo Dong Fu

2010, 43 (20), pp 8336-8339

Publication Date (Web): September 27, 2010 (Communication to the Editor) DOI: 10.1021/ma101526k

Abstract | Supporting Info

- Full Text HTML
- Hi-Res PDF [3755K]
- PDF w/ Links [834K]
- Subscriber Access

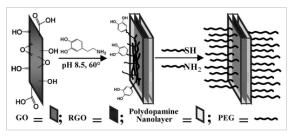


Figure 1 of 4

Synthesis and Photovoltaic Properties of a Copolymer of Benzo[1,2-b:4,5-b'] dithiophene and Bithiazole

Maojie Zhang, Haijun Fan, Xia Guo, Youjun He, Zhi-Guo Zhang, Jie Min, Jing Zhang, Guangjin Zhao, Xiaowei Zhan, and Yongfang Li

2010, 43 (21), pp 8714-8717

Publication Date (Web): October 5, 2010 (Communication to the Editor) DOI: 10.1021/ma1018654

Abstract | Supporting Info

- Full Text HTML
- Hi-Res PDF [750K]
- PDF w/ Links [725K]
- Subscriber Access

Mutual Alignment of Block Copolymer-Magnetic Nanoparticle Composites in a Magnetic Field

Matthew R. Hammond, Herv∉ Dietsch, Olivier Pravaz, and Peter Schurtenberger

2010, 43 (20), pp 8340-8343 Publication Date (Web): October 1, 2010 (Communication to the Editor)

DOI: 10.1021/ma1012896

Abstract | Supporting Info

- Full Text HTML
- Hi-Res PDF [4544K]
- PDF w/ Links [772K]
- Subscriber Access

Syntheses of Gradient π-Conjugated Copolymers of Thiophene

Jonas R. Locke and Anne J. McNeil

2010, 43 (21), pp 8709-8710 Publication Date (Web): October 11, 2010 (Communication to the Editor) DOI: 10.1021/ma102218y

Abstract | Supporting Info

- Full Text HTML
- Hi-Res PDF [733K]
- PDF w/ Links [654K]
- Subscriber Access

Macromolecular Engineering through Click Chemistry and Other Efficient **Transformations**

Brent S. Sumerlin and Andrew P. Vogt

2010, 43 (1), pp 1-13

Publication Date (Web): November 18, 2009 (Perspective)

DOI: 10.1021/ma901447e

Abstract

Full Text HTML

Hi-Res PDF [4898K]

PDF w/ Links [1083K]

Subscriber Access

■ Isoindigo-Based Donor–Acceptor Conjugated Polymers

Romain Stalder, Jianguo Mei, and John R. Reynolds

2010, 43 (20), pp 8348-8352

Publication Date (Web): September 22, 2010 (Communication to the Editor)

DOI: 10.1021/ma1018445

Abstract | Supporting Info

Full Text HTML

Hi-Res PDF [2542K]

PDF w/ Links [803K]

Subscriber Access

Synthesis of Star Isotactic Polypropylene Using Click Chemistry Abstract | Supporting Info Huahua Huang, Hui Niu, and Jin-Yong Dong Full Text HTML 2010, 43 (20), pp 8331-8335 Hi-Res PDF [780K] Publication Date (Web): October 4, 2010 (Communication to the Editor) DOI: 10.1021/ma1019335 PDF w/ Links [750K] Subscriber Access ☐ Jacketed Polymers with Dendritic Carbazole Side Groups and Their Applications in Abstract **Blue Light-Emitting Diodes** 🚺 Full Text HTML Hao Jin, Yiding Xu, Zhihao Shen, Dechun Zou, Dan Wang, Wei Zhang, Xinghe Fan, and Qifeng Zhou Hi-Res PDF [4819K] **2010**, 43 (20), pp 8468-8478 Publication Date (Web): September 30, 2010 (Article) PDF w/ Links [1197K] DOI: 10.1021/ma101814m Subscriber Access Abstract | Supporting Info Low Band Gap Polymers for Roll-to-Roll Coated Polymer Solar Cells Eva Bundgaard, Ole Hagemann, Matthieu Manceau, Mikkel Jørgensen, and Frederik C. Krebs Full Text HTML 2010, 43 (19), pp 8115-8120 Hi-Res PDF [2418K] Publication Date (Web): September 15, 2010 (Article) DOI: 10.1021/ma1015903 PDF w/ Links [907K] Subscriber Access Poly(vinyl acetate-b-vinyl alcohol) Surfactants Derived from Poly(vinyl ester) Block Abstract | Supporting Info Copolymers Full Text HTML Milton H. Repollet-Pedrosa, Ryan L. Weber, Andrew L. Schmitt, and Mahesh K. Mahanthappa Hi-Res PDF [2663K] 2010, 43 (19), pp 7900-7902 Publication Date (Web): September 10, 2010 (Communication to the Editor) PDF w/ Links [719K] DOI: 10.1021/ma1014116 Subscriber Access ■ Tough Polylactide Graft Copolymers Abstract | Supporting Info Grayce Theryo, Feng Jing, Louis M. Pitet, and Marc A. Hillmyer Full Text HTML 2010, 43 (18), pp 7394-7397 Hi-Res PDF [2615K] Publication Date (Web): August 31, 2010 (Communication to the Editor) DOI: 10.1021/ma101155p PDF w/ Links [748K] Subscriber Access Abstract Structurally Dynamic Conjugated Polymers Andrew G. Tennyson, Brent Norris and Christopher W. Bielawski Full Text HTML 2010, 43 (17), pp 6923-6935 Hi-Res PDF [2749K] Publication Date (Web): August 23, 2010 (Perspective) DOI: 10.1021/ma101198z DF w/ Links [1206K] Subscriber Access Abstract | Supporting Info Tuning Polythiophene Crystallization through Systematic Side Chain **Functionalization** Full Text HTML Victor Ho, Bryan W. Boudouris, and Rachel A. Segalman Hi-Res PDF [2688K] 2010, *43* (19), pp 7895-7899 Publication Date (Web): September 15, 2010 (Communication to the Editor) PDF w/ Links [796K] DOI: 10.1021/ma101697m Subscriber Access