

Polymer Vol 100, 25 September 2016

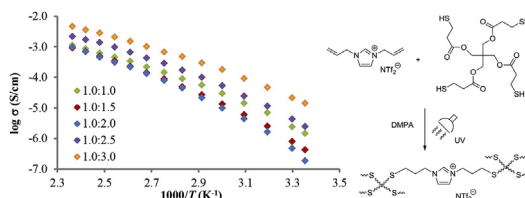
Graphical abstracts

POLYMER PAPERS

**Thermal, mechanical and conductive properties of imidazolium-containing thiol-ene poly(ionic liquid) networks**

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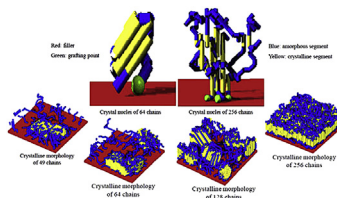
Taylor C. Rhoades, James C. Wistrom, R. Daniel Johnson and Kevin M. Miller\*



**Molecular simulations of crystallization behaviors of polymers grafted on two-dimensional filler**

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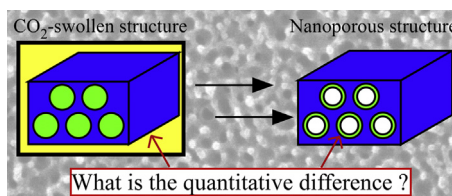
Tongfan Hao, Zhiping Zhou\*, Yijing Nie\*\*, Lin Zhu, Ya Wei and Songjun Li



**Nanoporous fabrication of block copolymers via carbon dioxide swelling: Difference between CO<sub>2</sub>-swollen and nanoporous block copolymers**

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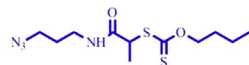
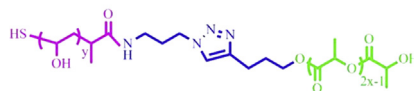
Tomoaki Shinkai, Kenji Sugiyama, Kohzo Ito and Hideaki Yokoyama\*



**Synthesis and self-assembly of amphiphilic and biocompatible poly(vinyl alcohol)-*block*-poly(L-lactide) copolymer**

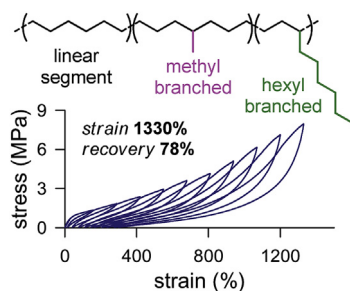
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Avnish Kumar Mishra, Jicheol Park, K.L. Vincent Joseph, Sandip Maiti, Jongheon Kwak, Chungryong Choi, Seung Hyun and Jin Kon Kim\*

S-(3-azidopropyl propanamide)-(O-butyl xanthate)  
(APPBX) chain transfer agent (CTA)Poly(vinyl Alcohol)-*block*-Poly(L-lactide) Copolymer**Polyolefin thermoplastic elastomers from 1-octene chain-walking polymerization**

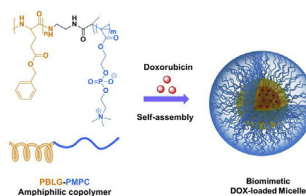
pp. 37–44

Giuseppe Leone\*\*, Massimiliano Mauri, Ivana Pierro, Giovanni Ricci, Maurizio Canetti and Fabio Bertini\*

**Drug carrier system self-assembled from biomimetic polyphosphorycholine and biodegradable polypeptide based diblock copolymers**

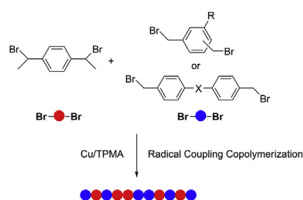
pp. 45–55

Gongyan Liu, Weihua Zhuang, Xiaobing Chen, Anlin Yin, Yu Nie\* and Yunbing Wang\*\*

**Radical coupling copolymerization (RCCP) for synthesis of various polymers**

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Zhe Liu and Qi Wang\*



We report radical coupling copolymerization of various pairs of in-situ formed benzyl-type biradicals from dibromides in the presence of Cu/ligand. Copolymers with higher molecular weights than the corresponding homopolymers can be obtained by some pairs of monomers.

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