

Polymer Chemistry

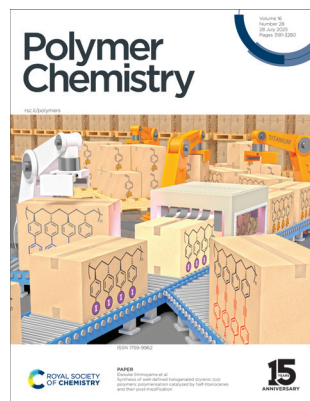
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Cover
See Daisuke Shimoyama
et al., pp. 3216–3227.

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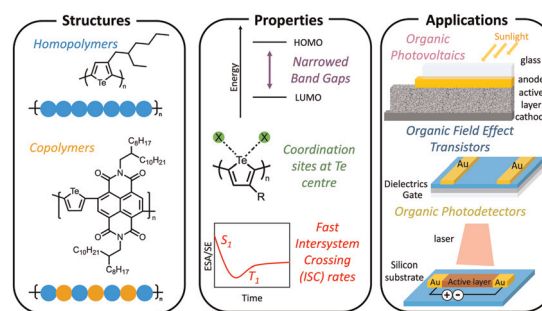
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REVIEW

3187

Developments in polytellurophenes and tellurophene-containing polymers: from synthesis to applications

Ailsa K. Edward, Kimia Hosseini, Kristen L. Perry and Dwight S. Seferos*

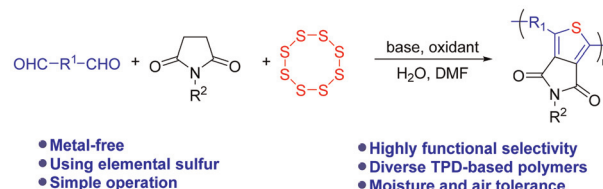


COMMUNICATION

3211

Metal-free multicomponent polymerization to access polythiophenes from elemental sulfur, dialdehydes, and imides

Sirui Li, Zihui Jiang, Shuxin Liu, Zeqi Wei, Nan Zheng, Yubin Zheng* and Wangze Song*



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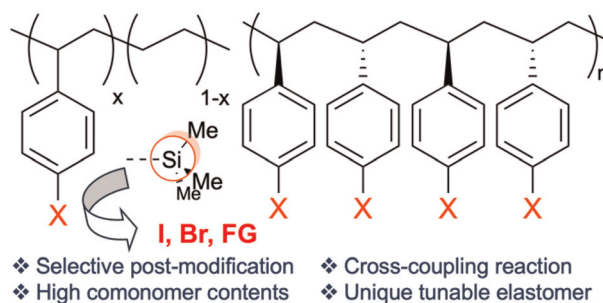
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PAPERS

3216

Synthesis of well-defined halogenated styrenic (co) polymers: polymerisation catalyzed by half-titanocenes and their post-modification

Youshu Jiang, Seiji Higashi, Hiroshi Hirano, Kotohiro Nomura and Daisuke Shimoyama*



3228

Ugi five-component polymerization of CO₂ and 5-hydroxymethylfurfural derivatives toward the synthesis of functional polyfurans

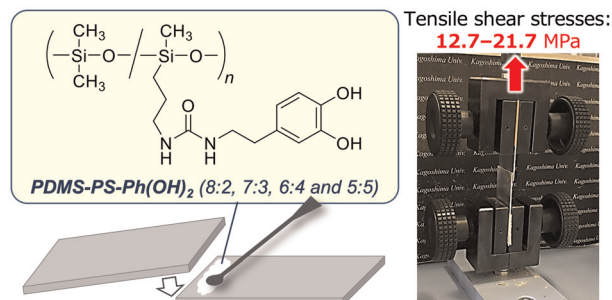
Ziliang Wang, Chang Liu, Li Xu, Baixue Li, Jie Liu, Xue Wang* and Yusheng Qin*



3237

Enhancement of the adhesion of polysiloxane-based adhesives through catechol functionalization

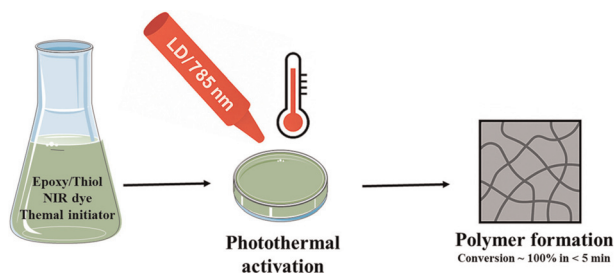
Azumi Fukuyoshi, Shogo Oshiro, Yuya Seino, Yosuke Uchida, Takashi Aketa, Toshiyuki Ozai, Hideo Nakagawa and Yoshiro Kaneko*



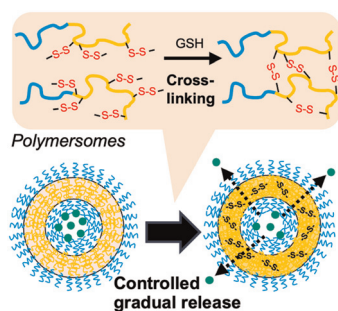
3244

NIR photothermal activation in epoxy/thiol polymerization

Rania Rejeb, Philibert Lenormand, Didier Giges, Frédéric Dumur, Michael Schmitt, Julien Pinaud* and Jacques Lalevée*



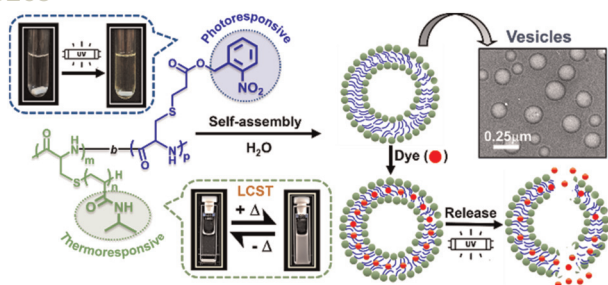
3258



Creation of polymersomes with changes in the membrane structure via disulfide crosslinking under reductive conditions for controlled gradual cargo release

Tomoya Kojima, Kouichi Asakura and Taisuke Banno*

3265



Dual-responsive amphiphilic cysteine block copolyptide: self-assembled vesicles for dye encapsulation and photo-triggered release

Joy Das, Priyanka Dinda, Ambuz Basak, Mahammad Anas, Sunetra Karmakar and Tarun K. Mandal*

