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IN THIS ISSUE

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Cover

See Saihu Liao *et al.*,
pp. 4414–4418.

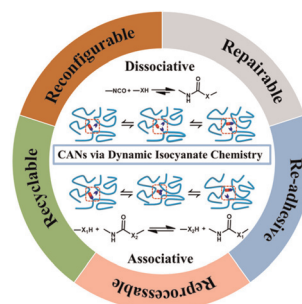
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Polym. Chem., 2023, **14**,
4414.

REVIEW

4381

Covalent adaptive networks with repairable, reprocessible, reconfigurable, recyclable, and re-adhesive (5R) performance via dynamic isocyanate chemistry

Jialiang Lai, Xijin Xing, Huanzhi Feng, Zhanhua Wang* and Hesheng Xia*

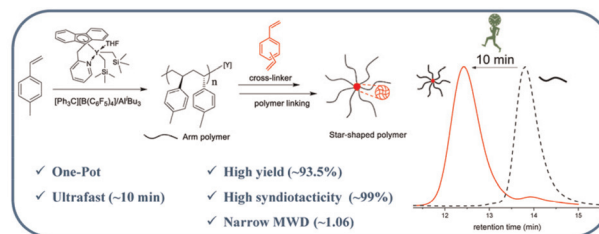


COMMUNICATION

4407

Ultrafast synthesis of core cross-linked star poly(*p*-methylstyrene) with high syndiotacticity through living coordination polymerization

Yi Wu, Bo Liu* and Dongmei Cui*



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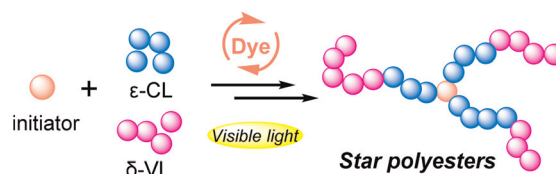


PAPERS

4414

Harnessing the photo-acidity of organic dyes for the development of ring-opening polymerization of lactones under visible light

Zhaogang Liu, Xun Zhang, Pan Sun, Junwei Han and Saihu Liao*

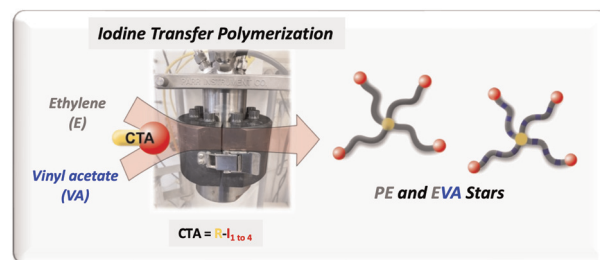


Harnessing the *photoacid* property of *organic dyes* for the development of ring-opening polymerization of lactones

4419

Polyethylene and poly(ethylene-co-vinyl acetate) star polymers by iodine transfer polymerization

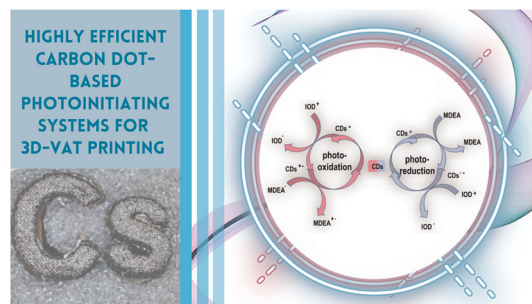
Florian Baffie, Olivier Boyron, Muriel Lansatol, Vincent Monteil and Franck D'Agosto*



4429

Highly efficient carbon dot-based photoinitiating systems for 3D-VAT printing

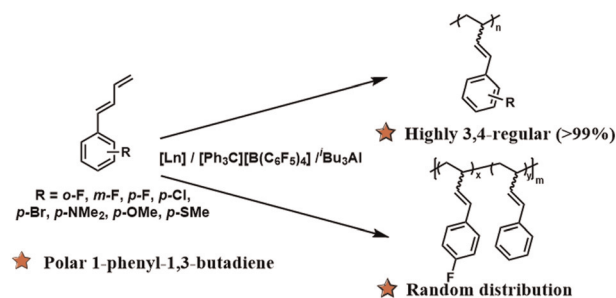
Dominika Krok, Wiktorja Tomal, Alexander J. Knight, Alexander I. Tartakovskii, Nicholas T. H. Farr, Wiktor Kasprzyk and Joanna Ortyl*



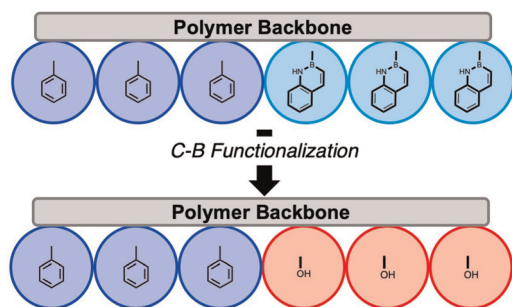
4445

Rare-earth-metal-catalyzed highly 3,4-regioselective polymerization of polar 1-phenyl-1,3-butadiene derivatives

Fen You, Xiaoyu Wang, Wenyu Shi, Xuyang Yan and Xiaochao Shi*



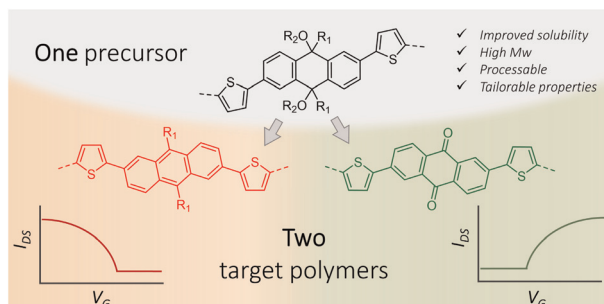
4454



RAFT polymerization of an aromatic organoborane for block copolymer synthesis

Sophia J. Melvin, Braden A. Mediavilla, Em G. Ambrosius, Qifeng Jiang, Fan Fang, Yuyang Ji, Tushita Mukhopadhyaya, Howard E. Katz and Rebekka S. Klausen*

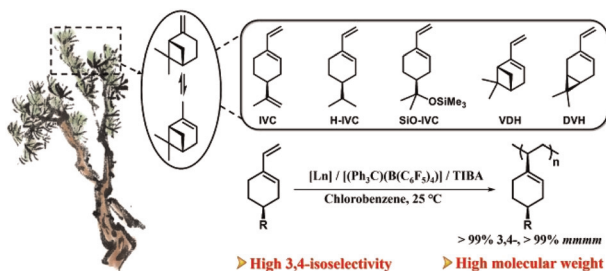
4465



Preparation of different conjugated polymers characterized by complementary electronic properties from an identical precursor

Marco Carlotti,* Tommaso Losi, Francesco De Boni, Federico Maria Vivaldi, Esteban Araya-Hermosilla, Mirko Prato, Andrea Pucci, Mario Caironi and Virgilio Mattoli

4474

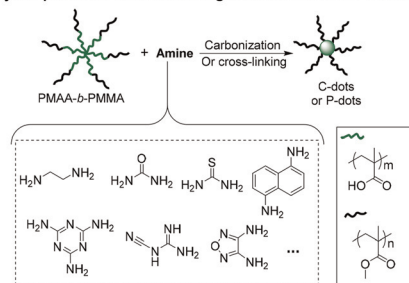


Rare-earth-metal catalyzed highly regio- and stereoselective polymerization of terpene-derived conjugated dienes

Hui Liu, Fen You, Wenyu Shi, Xiang Hu, Yat-Ming So* and Xiaochao Shi*

4481

Polymer precursor for constructing uniform C-dots and P-dots



A universal polymer precursor strategy for precise synthesis of uniform hairy carbon dots and polymer dots

Xueer Zhu, Ying Zou, Shanshan Zeng, Yifu Huang, Lilin Tan and Hefeng Zhang*

