

# Polymer Chemistry

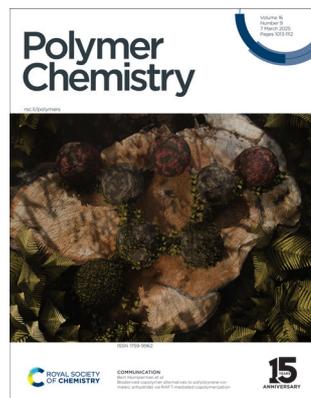
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## IN THIS ISSUE

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### Cover

See Bert Klumperman *et al.*, pp. 1019–1023.

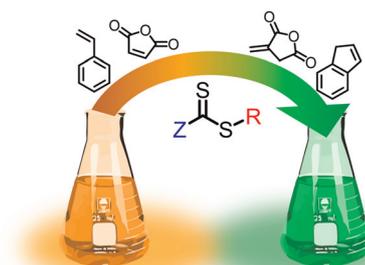
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## COMMUNICATIONS

1019

### Bioderived copolymer alternatives to poly(styrene-co-maleic anhydride) via RAFT-mediated copolymerization

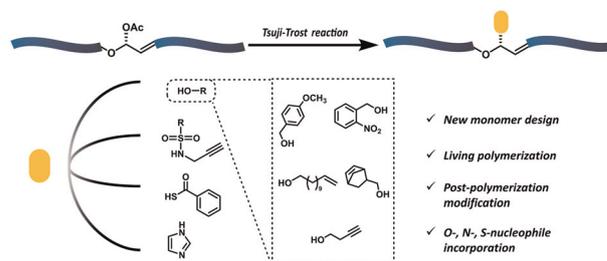
Lauren Elaine Ball, Michael-Phillip Smith and Bert Klumperman\*



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### Living cascade enyne metathesis polymerization of an allylic acetate monomer and post-polymerization modification via a Tsuji–Trost reaction

Zhixiong Luo, Yuhuai Tian, Bixia Xie and Liangbing Fu\*



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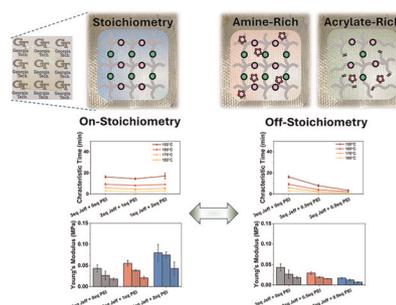
Fundamental questions  
Elemental answers



1031

## Stoichiometric effects on bulk stress relaxation to enhance reprocessability in covalent adaptable networks

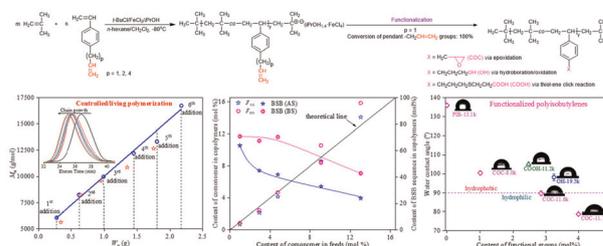
Jaehyun Cho, Santanu Ghosh, Mridula Nandi, Heejoon Jeon, Liang Yue, H. Jerry Qi, M. G. Finn and Blair Brettmann\*



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## Highly efficient synthesis of random isobutylene/alkenyl styrene copolymers with pendant vinyl groups via cationic polymerization for versatile functionalization

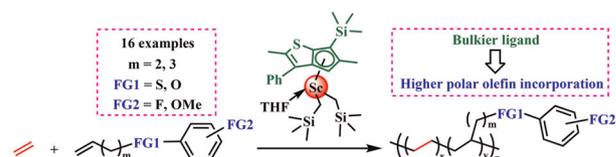
He-Ying Wang, Feng-Yu Zhang, Si-Hao Li, Zi-Yang Song, Yang Wang and Yi-Xian Wu\*



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## Direct synthesis of polyethylene containing two kinds of heteroatoms by scandium complexes

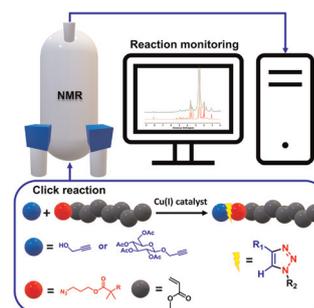
Hui Tian, Yifan Wang, Chunji Wu, Xiaohui Kang\* and Baoli Wang\*



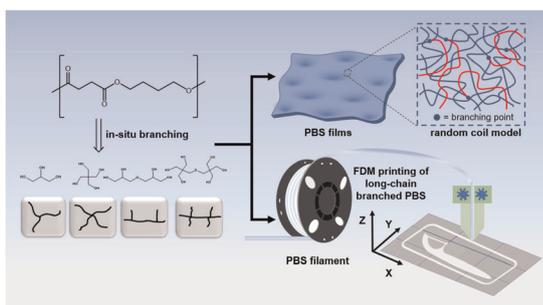
1065

## Optimisation of azide-alkyne click reactions of polyacrylates using online monitoring and flow chemistry

Despina Coursari, Spyridon Efstathiou, Lucas Al-Shok, Mia D. Hall, Ahmed M. Eissa, Evelina Liarou and David M. Haddleton\*



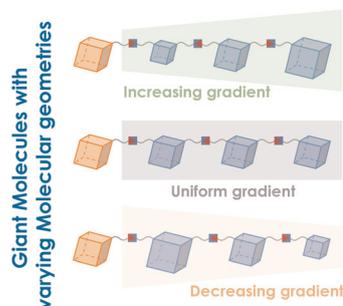
1072



### Poly(butylene succinate) filaments for fused deposition modelling (FDM) 3D-printing

Yong Chen, Jielin Xu, Ye Chen, Chaosheng Wang,\*  
Huaping Wang and Jing Wu\*

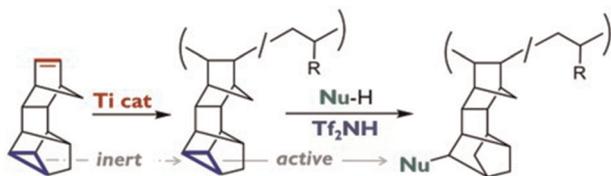
1085



### Giant molecules with varying geometric features by programming the unit sequence

Ze Yang, Zhongguo Liu, Shuai Wang, Gang Li\* and  
Xue-Hui Dong\*

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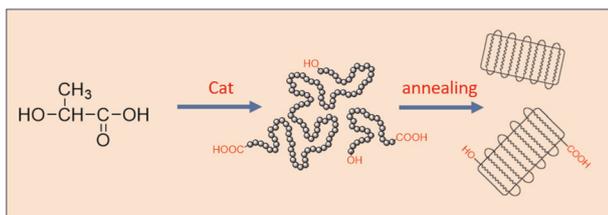
✓ **Chemoselective and Controlled Polymerization**

✓ **Functionalized COCs (7 examples)**

### Functionalized cyclic olefin copolymers: chemoselective polymerization of a cyclopropane-containing norbornadiene dimer using a titanium catalyst and post-polymerization modification

Yusuke Iwata, Takeshi Shiono and Shin-ichi Matsuoka\*

1102



### Polycondensation of L-lactic acid: a deeper look into solid state polycondensation

Hans R. Kricheldorf,\* Steffen M. Weidner and  
Felix Scheliga

