

# Polymer Chemistry

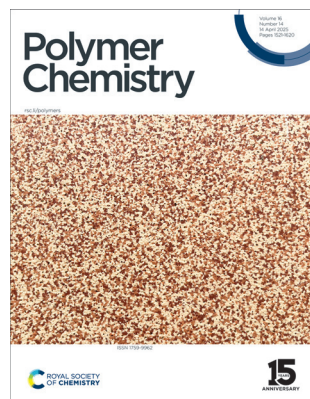
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## IN THIS ISSUE

ISSN 1759-9962 CODEN PCOHC2 16(14) 1521-1620 (2025)



### Cover

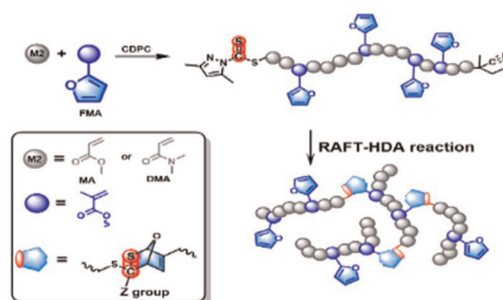
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## PAPERS

1527

### Regioselective RAFT–HDA: a new approach to synthesize hyperbranched polymers with precise topology control

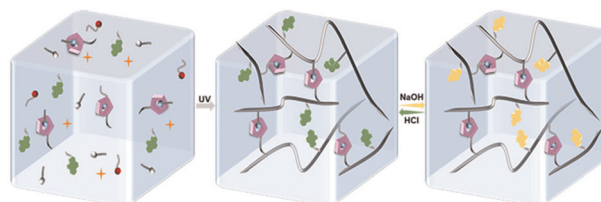
Jiayi Zhang, Ruyue Cao, Xiaowei Wang, Yixuan Wang and Anchao Feng\*



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### Supramolecular multicolor fluorescent hydrogels with a single fluorescent group based on host–guest interactions

Shunli Jiang, Xinglin Chen, Ping Geng, Huijing Han, Meiran Xie and Xiaojuan Liao\*



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Elemental answers



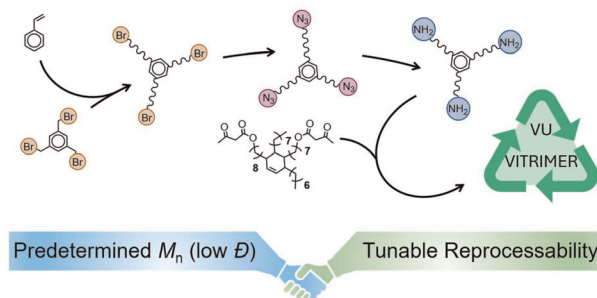


## PAPERS

1546

### Synthesis of triamine-functionalized rigid crosslinkers for materials science

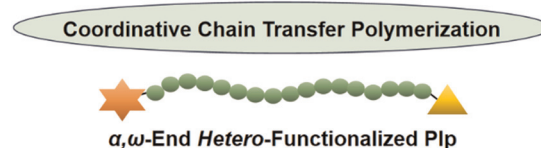
Niccolò Braidì,\* Aitor Hernández, Giulia Scurani, Francesca Parenti, Nezha Badi and Filip E. Du Prez\*



1556

### Synthesis of $\alpha,\omega$ -end hetero-functionalized polyisoprene via neodymium-mediated coordinative chain transfer polymerization

Haidong Zhang, Xiuhui Zhang, Hao Zheng, Feng Wang, Xindi Wei, Xuequan Zhang and Heng Liu\*

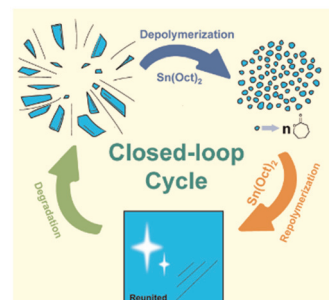


- ✓ Chain structure is parallel to that of natural rubber;
- ✓ High *cis*-1,4-selectivity;
- ✓ Precisely controlled  $M_n$  and narrow PDI;
- ✓ Diversity in end-functional groups;

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### An efficient “depolymerization–polymerization” closed-loop recycling strategy for selective degradation of polycaprolactone

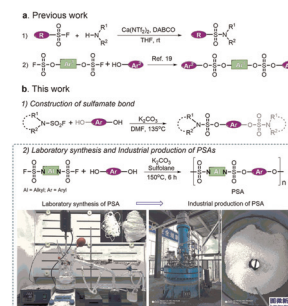
Chaoyi Cai, Jiaming Ma, Xiuzhu Liang, Shuyan Zhang, Heng Zhang, Congyun Zhang\* and Shuidong Zhang\*

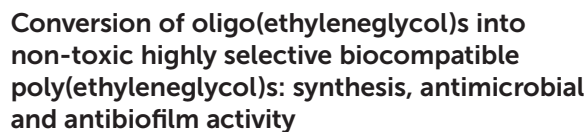


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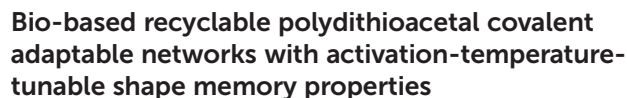
### Efficient and simplified strategy to access novel polysulfamate materials: from laboratory research to industrial production

Xingyu Ma, Pengqiang Liang, Zhongqiang Zhao, Jinwei Chen, Xueqing Wang, Yunbin Zhou, Xianxing Jiang\* and Weiwei Zhu\*

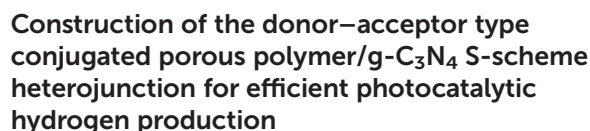




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