

# Polymer Chemistry

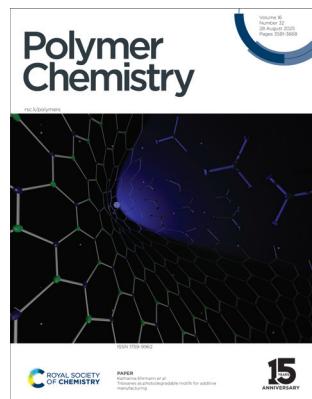
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## IN THIS ISSUE

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### Cover

See Katharina Ehrmann et al.,  
pp. 3597–3607.

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*Polym. Chem.*, 2025, **16**,  
3597.

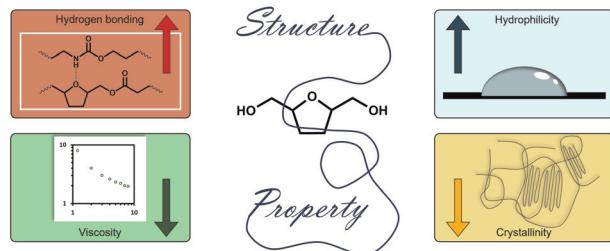
Artwork by Florian Mayer.

## MINIREVIEW

3587

### Panoramic view of biobased BHMTTHF-based polymers

Cornelis Post, Dina Maniar, Rudy Folkersma, Vincent S. D. Voet\* and Katja Loos\*

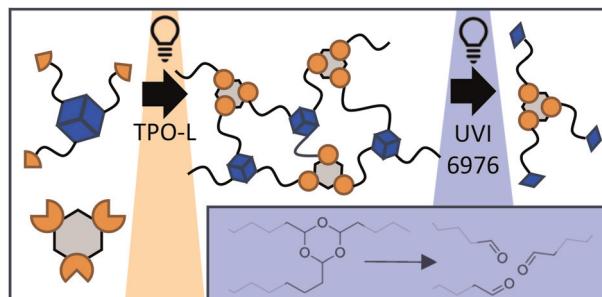


## PAPERS

3597

### Trioxanes as photodegradable motifs for additive manufacturing

Florian Mayer, Dominik Laa, Thomas Koch,  
Jürgen Stampfl, Robert Liska and Katharina Ehrmann\*





# RSC Applied Polymers

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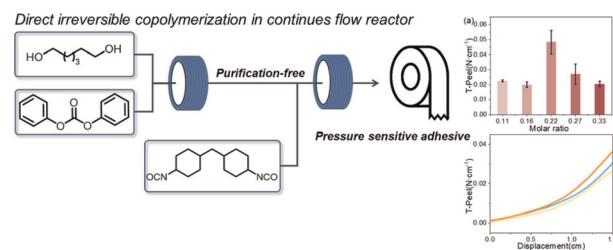
Fundamental questions  
Elemental answers

## PAPERS

3608

## A continuous flow based irreversible polycondensation enables synthesis of polycarbonate diols beyond batch limitations

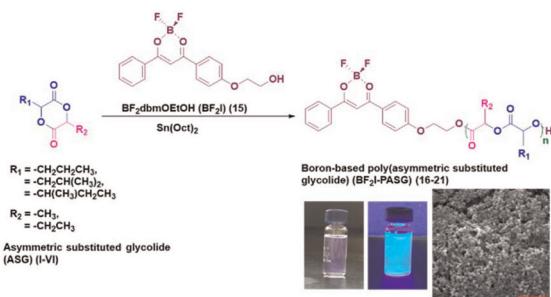
Jiawen Dai, Shuyuan Luo, Zhenjiang Li, Jie Sun, Haritz Sardon, Ning Zhu,\* Jin Huang\* and Kai Guo



3619

## Boron-based poly(asymmetric substituted glycolide) nanospheres

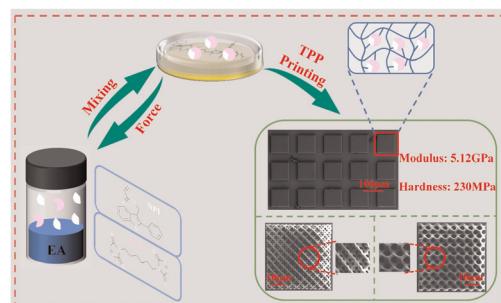
Ayşenur Vardar, Mehmet Onur Arıcan, Sezgi Erdoğan, Taner Erdoğan, Ufuk Yıldız, Asgar Kayan and Olcay Mert\*



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## Force-induced fluorescence response of functional two-photon micro-nanofabrication photosensitive materials based on dynamic C–N bonds

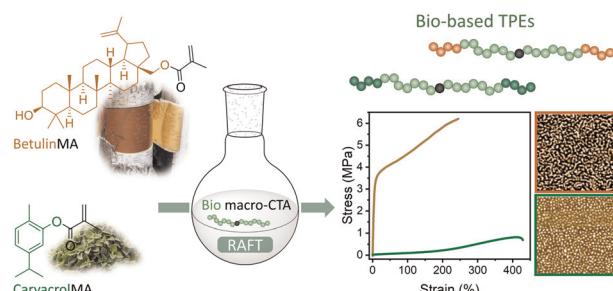
Yang Gao, Jia-ming Hu, Lu-kun Wu, Shuai Zhang,\* Jing Li\* and Kai Du\*



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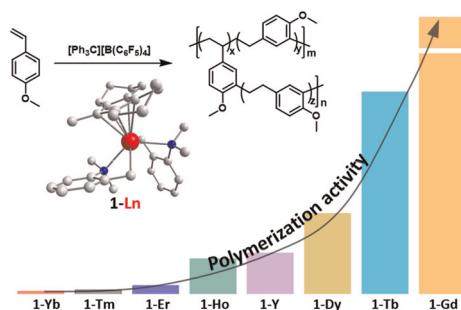
## Biobased triblock thermoplastic elastomer with betulin- or carvacrol-methacrylate end-blocks by RAFT polymerization

Aniello Vittore, Pauline Shamraienko,\* Ilka Hermes, Qiong Li, Brigitte Voit and Lorella Izzo\*



## PAPERS

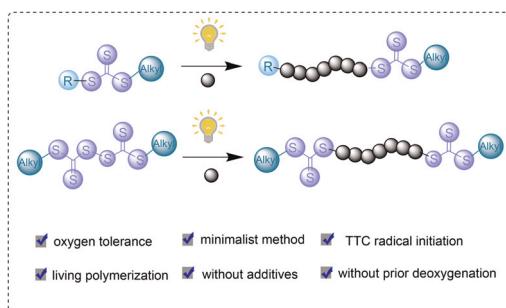
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**Octahydrofluorenyl rare-earth metal-catalyzed simultaneous chain-growth and step-growth polymerization of *para*-methoxystyrene**

Fen You, Yanan Zhao\* and Xiaochao Shi\*

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**Alkyl-substituted trithiocarbonates enable performing open-to-air RAFT polymerization regardless of the presence or absence of an R-group**

Fei Wang, Fubang Huang, Shuang Han and Weidong Zhang\*

