

# Polymer Chemistry

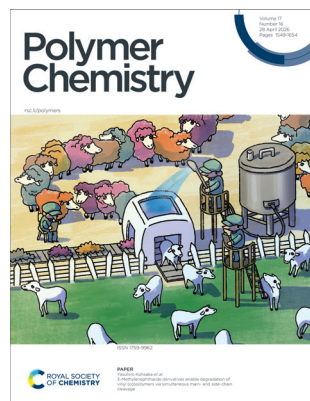
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## IN THIS ISSUE

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### Cover

See Yasuhiro Kohsaka *et al.*, pp. 1562–1568.

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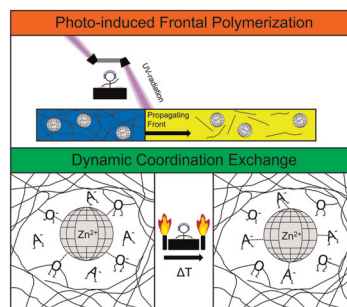
The authors acknowledge Nanami Chiba for artwork creation.

## COMMUNICATION

1555

### Zinc-based coordination exchange in epoxy networks cured *via* frontal polymerization

Christoph Schmidleitner, Stefan Hirner and Elisabeth Rossegger\*

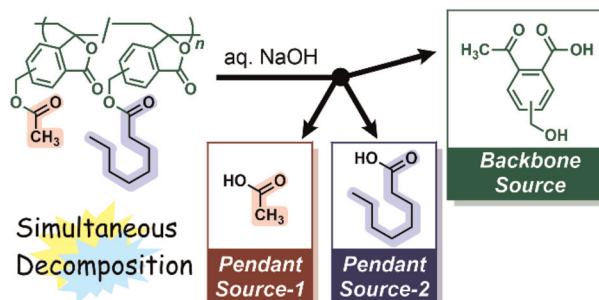


## PAPERS

1562

### 3-Methylenephthalide derivatives enable degradation of vinyl (co)polymers *via* simultaneous main- and side-chain cleavage

Yota Chiba, Shoji Hirabayashi and Yasuhiro Kohsaka\*



# RSC Applied Interfaces

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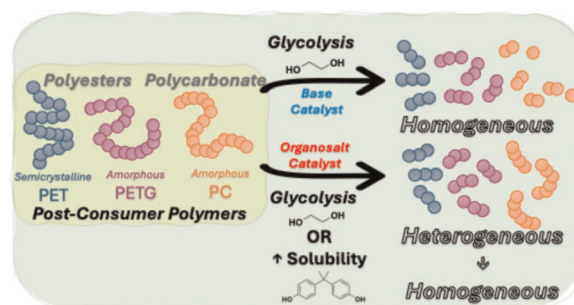
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Fundamental questions  
Elemental answers

1569

### Solubility-limited depolymerization kinetics in the glycolysis of carbonyl-containing polymers

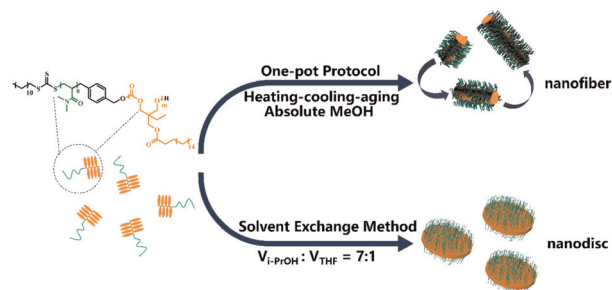
Shelby Watson-Sanders, Kendra Day Johnson, Sarah Barber, Alison Biery, Landri Wilcox, Nicholas J. Galan, Jackie Zheng, Tomonori Saito and Mark Dadmun\*



1584

### Solution self-assembly of polycarbonate block copolymers containing crystalline side chains

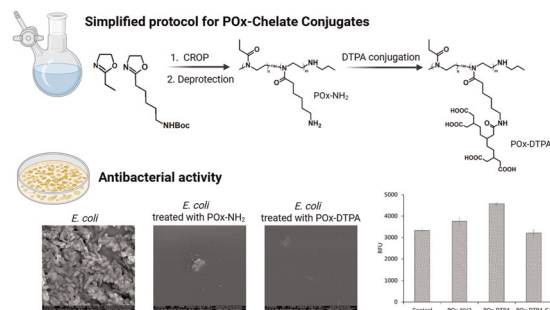
Chen Liu, Lulu Liu, Jiarui Luan and Zaizai Tong\*



1592

### A novel approach to POx–chelate conjugates and a comparison of their antibacterial activity with POx systems containing amino groups

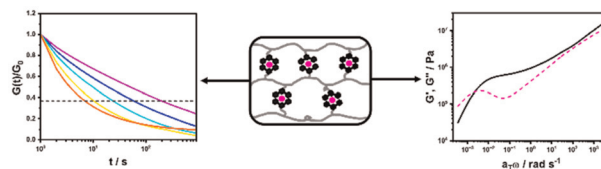
Marcelina Bochenek, Barbara Mendrek, Agnieszka Kowalczyk, Karolina Olszowska, Łukasz Sieroń, Katarzyna Gawron and Natalia Oleszko-Torbus\*



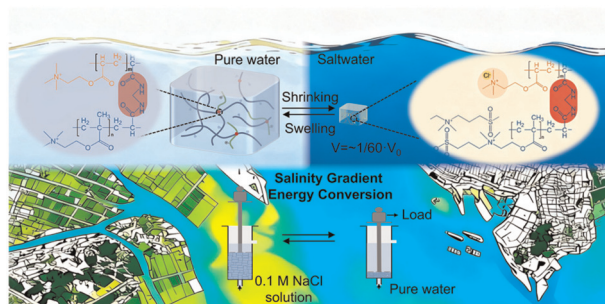
1603

### Investigation of the dynamic behavior of metallopolymers by combined experimental and theoretical methods

Milena Jäger, Michael Freduah Agyemang, Wanja T. Schulze, Julian Kimmig, Thomas Bätz, Chiara Wondraczek, Stefan Zechel, Alexander Croy, Michael Schmitt, Jürgen Popp, Stefanie Gräfe, Martin D. Hager\* and Ulrich S. Schubert\*



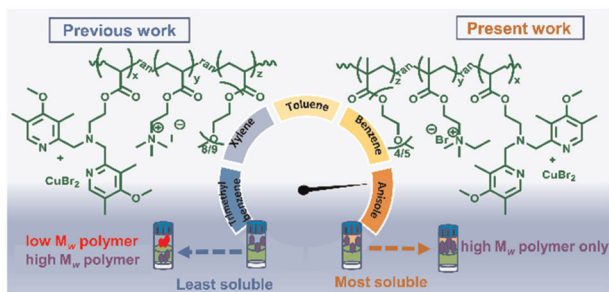
1619



### Salinity-ultrasensitive hydrogels for high-performance salinity gradient energy conversion and harvesting

Yang Yang, Xiaocao Yan, Mukaddas Abliz, Xiaoying Zhao, Fang Xu, Yunxuan Weng and Hainan Gao\*

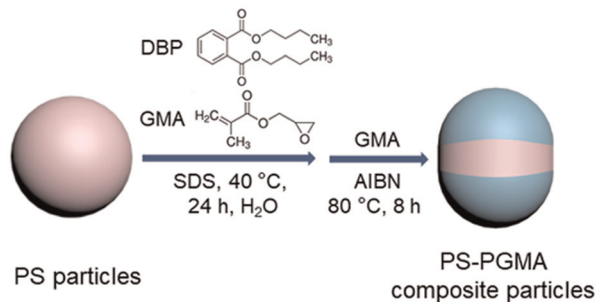
1628



### Investigating an anisole/Cu(II)-macroligand-complex pair to broaden solubility scope and catalyst recycling for atom transfer radical polymerization

Richard Ngulube, Jiancheng Zhou,\* Huaiyuan Zhu, Zhiwei Fu\* and Naixu Li\*

1641



### Toward theta-shaped polymer composite particles by seeded emulsion polymerization

Zhongfu Ling, Xianhao Su, Yifeng Jiang and Hua Zou\*

## CORRECTION

1652

### Correction: Fluorescent surface-grafted block copolymer brushes obtained in a versatile post-polymerization approach

Piotr Wieczorek, Tomasz Kuciel, Tomasz Uchacz\* and Szczepan Zapotoczny\*

