

# Polymer Chemistry

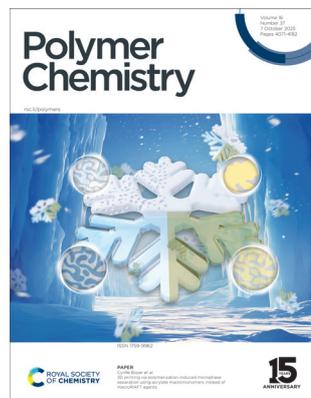
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## IN THIS ISSUE

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### Cover

See Cyrille Boyer *et al.*, pp. 4102–4112.

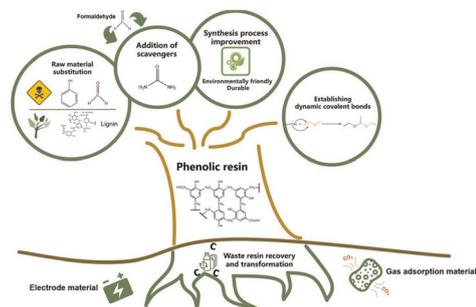
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## MINIREVIEW

4077

### Endowing phenolic formaldehyde resin with sustainability: why and how?

Xinyao Jiang, Bing Zhu, Shahid Hussain and Maiyong Zhu\*

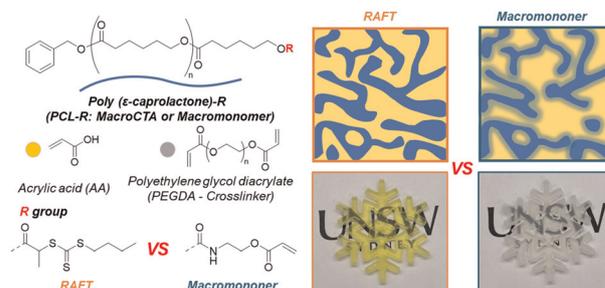


## PAPERS

4102

### 3D printing via polymerization-induced microphase separation using acrylate macromonomers instead of macroRAFT agents

Maxime Michelas, Nathaniel Corrigan and Cyrille Boyer\*



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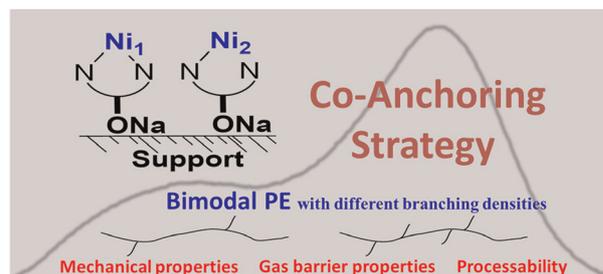
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## PAPERS

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**Preparation of bimodal polyethylene with different branching densities by a co-anchoring strategy**

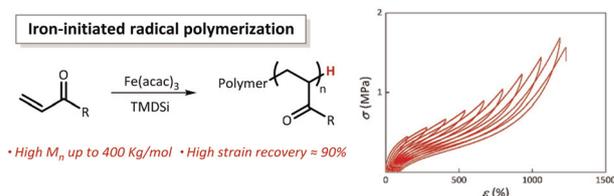
Chuncaai Zhao, Shiwei Dai, Huiyu Yu, Wenmin Pang, Fuzhou Wang, Daohong Liao,\* Wenbing Wang\* and Chen Zou\*



4120

**Iron-initiated radical polymerization of acrylate monomers**

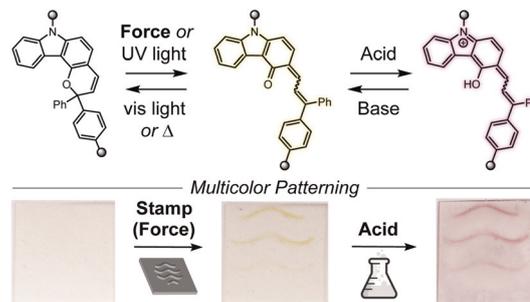
Benedetta Palucci,\* Adriano Vignali, Fabio Bertini and Simona Losio



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**Mechanochemical activation of an indole-fused 2H-benzopyran generates an acidochromic merocyanine dye enabling multicolor chromomorphic materials**

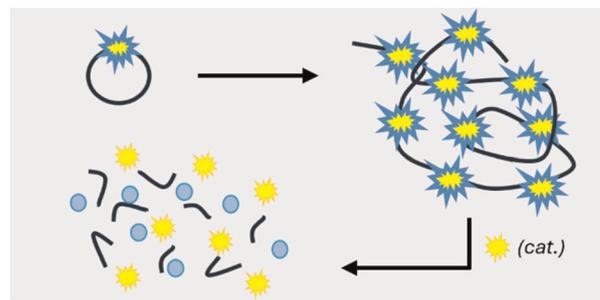
Yan Sun, Wendy Granados Razo, Stella M. Luo, Skylar K. Osler and Maxwell J. Robb\*



4136

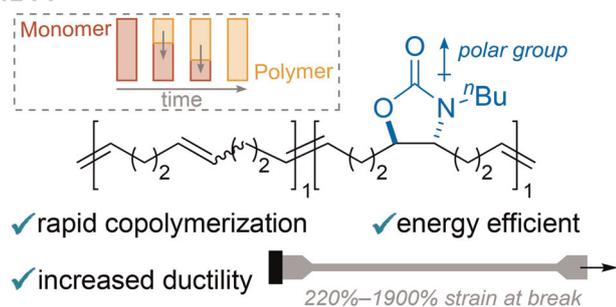
**Degradable polyacetals and polyacetal/polycyclooctene Co-polymers from a novel dioxepin**

Andrew Mazza, Brian H. Morrow, Judith A. Harrison and Julia Pribyl\*



## PAPERS

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### Incorporating polar oxazolidinones into polycyclooctadiene via frontal ring-opening metathesis polymerization

Jazmin E. Aguilar-Romero, Elizabeth G. Rogan, Allison R. Wong, Brandon M. Hosford, Angela L. Mosconi and Jessica R. Lamb\*

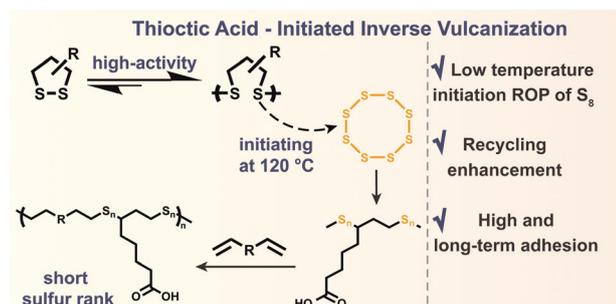
4150



### Economical sulfur conversion to polythioamides through multicomponent polymerizations of sulfur, dibromides, and diamines

Shuangshuang Xu, Xinwen Fu, Guanfei Yao, Rongrong Hu\* and Ben Zhong Tang\*

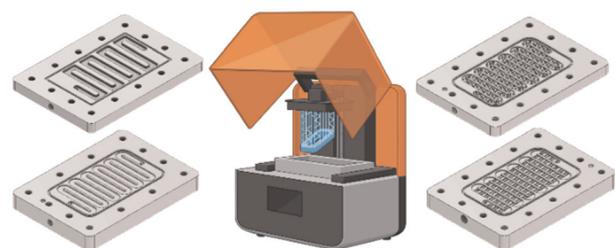
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### Long-term humid adhesion of sulfur thermoplastic polymers enabled by thioctic acid-initiated polymerization

Tongye Zhang, Zhiyue Fang, Shifang Luan, Lei Wang\* and Hengchong Shi\*

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### 3D-printed microfluidic dialysis apparatus for efficient polymer purification

Timo Koswig, Robert Geitner, Ilya Anufriev, Ivo Nischang, Stefan Zechel, Ulrich S. Schubert\* and Tanja Junkers\*

