

# Polymer Chemistry

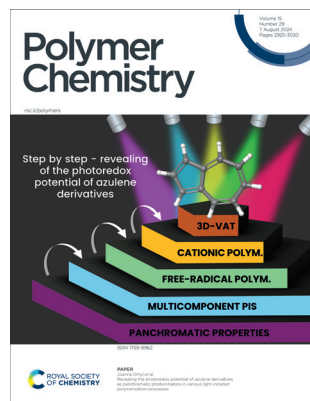
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**Cover**  
See Joanna Ortyl *et al.*,  
pp. 2931–2948.

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**Inside cover**  
See Wolfgang H. Binder *et al.*,  
pp. 2949–2958.

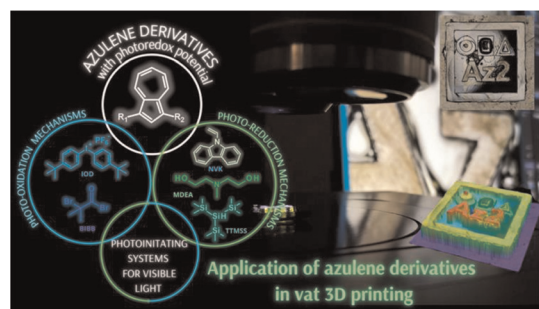
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2949.

## PAPERS

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### Revealing the photoredox potential of azulene derivatives as panchromatic photoinitiators in various light-initiated polymerization processes

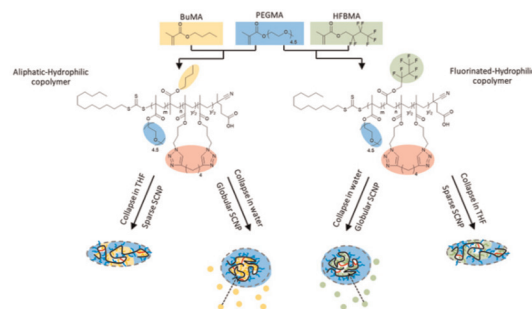
Katarzyna Starzak, Wiktoria Tomal,  
Anna Chachaj-Brekiesz, Mariusz Galek and  
Joanna Ortyl\*



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### Tuning nanoparticles' internal structure: fluorinated single-chain nanoparticles (SCNPs) generated by chain collapse of random copolymers

Marah Alqaisi, Justus F. Thümmeler, Florian Lehmann,  
Franz-Josef Schmitt, Leonie Lentz, Fabian Rieder,  
Dariush Hinderberger and Wolfgang H. Binder\*



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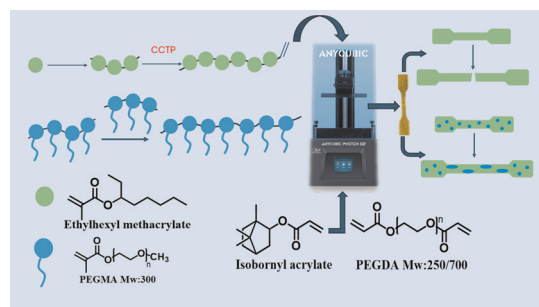
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## PAPERS

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### Vat photopolymerization using catalytic chain transfer polymerization (CCTP) derived reactive oligomers to influence mechanical properties

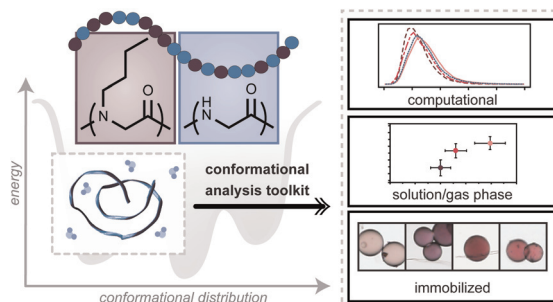
Wai Hin Lee, Zhongyuan Wan, Ataulla Shegiwal and David Haddleton\*



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### Insights into conformational ensembles of compositionally identical disordered peptidomimetics

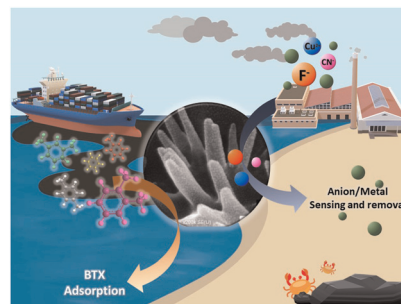
Erin C. Day, Keila C. Cunha, Jianhan Zhao, Audra J. DeStefano, James N. Dodds, Melissa A. Yu, Jaina R. Bemis, Songi Han, Erin S. Baker, Joan-Emma Shea, Rebecca B. Berlow and Abigail S. Knight\*



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### Crosslinked siloxane–silsesquioxane elastomer with pyrene functionalization for rapid adsorption of benzene, toluene, and xylene (BTX) from water and sensing of charged species

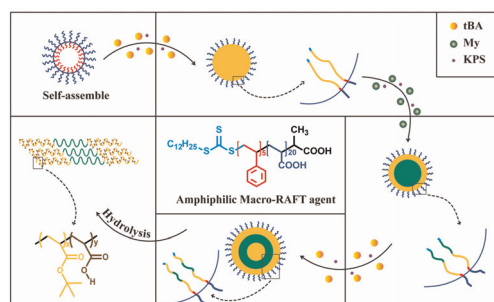
Teeraya Bureerug, Chidchanok Wannasiri, Supphachok Chamungkalakul, Mongkol Sukwattanasinitt, Vuthichai Ervithayasuporn\* and Thanthapatra Bunchuay\*



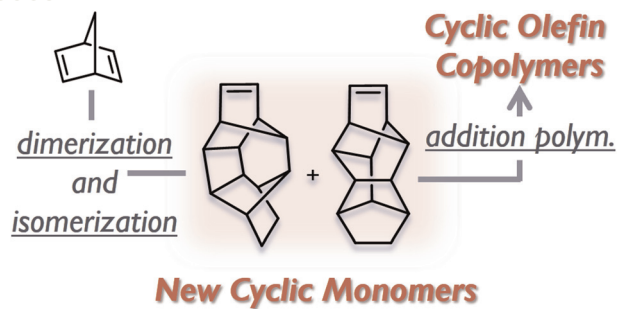
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### Precision synthesis of a biobased myrcene thermoplastic elastomer by using an amphiphilic macro-RAFT agent *via* emulsion polymerization in aqueous medium

Wen Li, Guoyu Chen, Youfang Zhang, Jianyun Ding, Jie Liu, Runguo Wang,\* Dean Shi,\* Weiwei Lei\* and Liqun Zhang



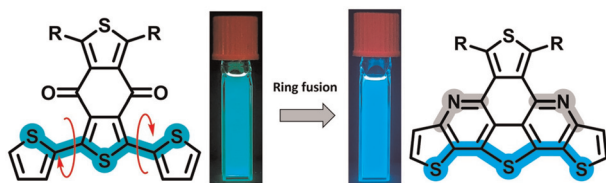
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Hexacyclotetradecenes as polycyclic fused *exo*-norbornene monomers: synthesis of cyclic olefin copolymers via Ti-catalyzed controlled polymerization

Eri Funahashi, Yusuke Iwata and Shin-ichi Matsuoka\*

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Optimizing stability through conformational locking and ring fusion modulation in organic semiconductors

Salahuddin S. Attar, Bahattin Bademci, Maciej Bartóg, Dušan Sredojević, Hessa Al-Thani, Sandra Dudley, Konstantinos Kakosimos, Hassan S. Bazzi, Muhammad Tariq Sajjad\* and Mohammed Al-Hashimi\*

