

# Polymer Chemistry

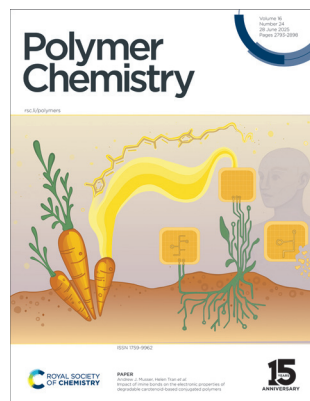
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## IN THIS ISSUE

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### Cover

See Andrew J. Musser,  
Helen Tran *et al.*,  
pp. 2817–2828.

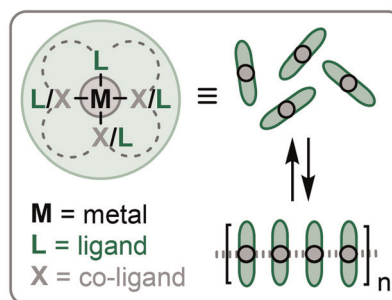
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Sofia Michailovich from  
*Polym. Chem.*, 2025, **16**,  
2817.

## REVIEW

2799

### Supramolecular polymerization and self-assembly of transition metal complexes

Merlin R. Stühler and Alex J. Plajer\*

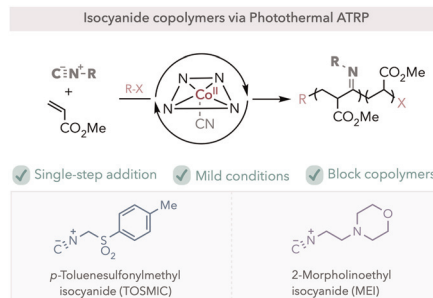


## COMMUNICATION

2811

### Photothermally-driven cobalt catalysed atom transfer radical polymerisation enables isocyanide copolymer synthesis

Cristina Preston-Herrera and Erin E. Stache\*



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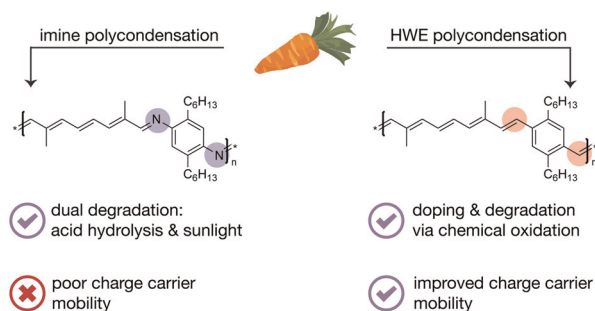
Fundamental questions  
Elemental answers

## PAPERS

2817

### Impact of imine bonds on the electronic properties of degradable carotenoid-based conjugated polymers

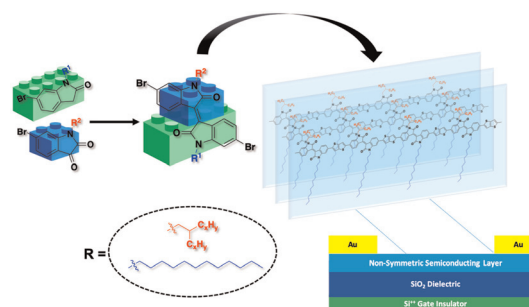
Azalea Uva, Yaejin Kim, Sofia Michailovich, Nathan S. Y. Hsu, David C. Bain, Shine H. Huang, Andrew J. Musser\* and Helen Tran\*



2829

### A versatile synthetic strategy for non-symmetric isoindigo polymers via modular sidechain engineering

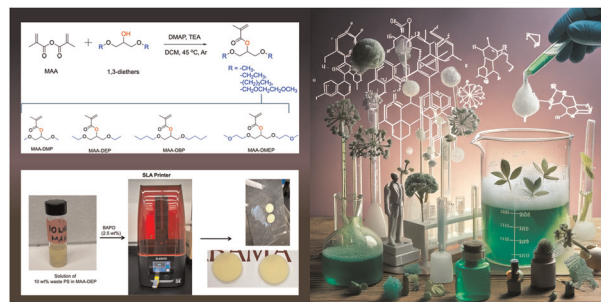
Rachael J. Warner, P. Blake J. St Onge, Alyssa Shaw, Tiago C. Gomes, Piumi Kulatunga, Xiaodan Gu\* and Simon Rondeau-Gagné\*



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### 1,3-Diether-2-methacrylates with glycerol skeletons: tunable resins for stereolithography 3D printing

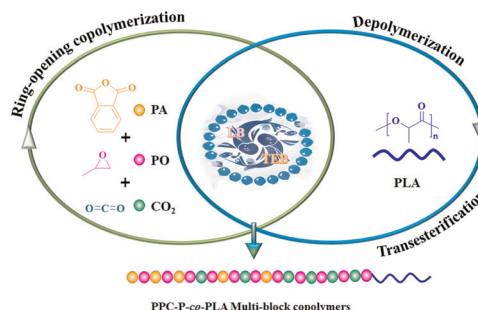
Zahra Sekhavat Pour, Pravin S. Shinde, Jun Wang, Cameron Woods, Seth Taylor, Sourav Chatterjee and Jason E. Bara\*



2851

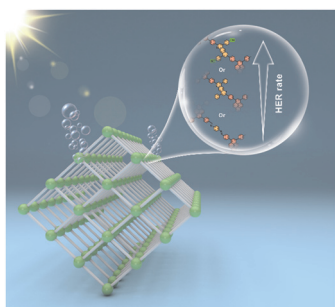
### Innovative synthesis of PPC-P-co-PLA multi-block copolymers via one-pot copolymerization and transesterification catalysed by alkyl boron and diverse Lewis bases

Mei Meng, Min Xiao, Jintao Wang, Peiyuan Li, Xianli Wu\* and Yuezhong Meng\*



## PAPERS

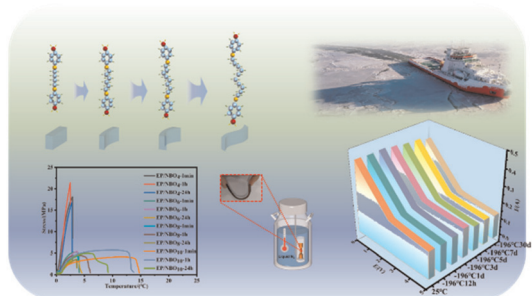
2870



### Tuning the linkage microenvironment in imine-based covalent organic frameworks for enhanced photocatalytic hydrogen production

Hao Li, Bin Zheng, Ming Wang, Xiaofang Su, Hui Hu, Jianyi Wang, Huanjun Xu,\* Jingying Shi\* and Yanan Gao\*

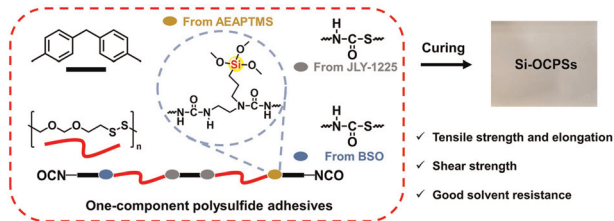
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### Preparation and properties of stretchable low temperature resistant flexible epoxy resin curing agent

Hao Li, Qiang Liu, Yiming Du, Yanyan Liu, Wei Zhang, Xingyou Tian\* and Hua Wang\*

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### Preparation of high-performance one-component polysulfide adhesives and modification by silane side chains

Xu Han, Le Chang, Zeqian Wang\* and Feng Liu\*

