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#### Cover

See Nachnicha Kongkatigumjorn and Daniel Crespy, pp. 4491-4518.

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### **REVIEW**

### 4491

Strategies to prepare polymers with cleavable linkages releasing active agents in acidic media

Nachnicha Kongkatigumjorn and Daniel Crespy\*

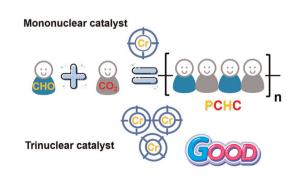


# **PAPERS**

## 4519

Catalytic copolymerization of carbon dioxide and cyclohexene oxide by a trinuclear cyclohexanebridged tetradentate Schiff base chromium complex

Jie Huang and Boxiong Shen\*





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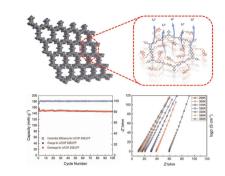


# **PAPERS**

### 4529

Single-ion guasi-solid-state electrolytes based on sulfonimide-functionalized covalent organic framework

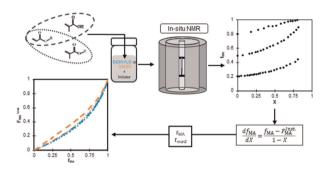
Haomin Wu, Wencan Ma, Xin Huang, Yifeng Cai, Junheng Li, Qiaobo Liao, Kai Xi, Qiuhong Zhang\* and Xudong Jia\*



# 4542

Acrylate-methacrylate radical copolymerization kinetics of sparingly water-soluble monomers in polar and nonpolar solvents

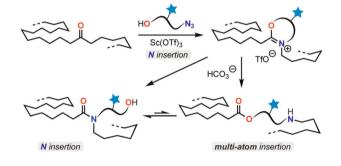
Noushin Rajabalinia, Fatemeh Salarhosseini and Robin A. Hutchinson\*



### 4554

Backbone editing of oxidized polyethylene: insertion of oxygen and nitrogen atoms via hydroxyalkyl azide-mediated rearrangements

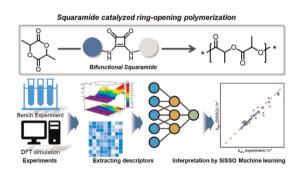
Andrew J. King, Ryan P. Sherrier, Jeffrey Aubé and Aleksandr V. Zhukhovitskiy\*



### 4562

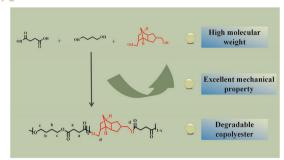
Interpretable machining learning assisted insights into bifunctional squaramide catalyzed ring-opening polymerization of lactide

Shaoju Cao, Mengting Hong, Junyuan Hu, Zhenjiang Li,\* Jin Huang\* and Kai Guo



# **PAPERS**

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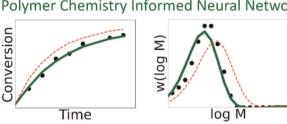


Synthesis of degradable polyester with high molecular weight and excellent mechanical properties through copolymerization modification of poly(butylene succinate)

Hongji Wang, Xiaojun Ma, Hanyu Yao, Haohao Chang, Yin Lv\* and Zhong Wei\*

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# Data + Kinetic model Polymer Chemistry Informed Neural Network



Polymer chemistry informed neural networks (PCINNs) for data-driven modelling of polymerization processes

Nicholas Ballard,\* Jon Larrañaga, Kiarash Farajzadehahary and José M. Asua