

Polymer Chemistry

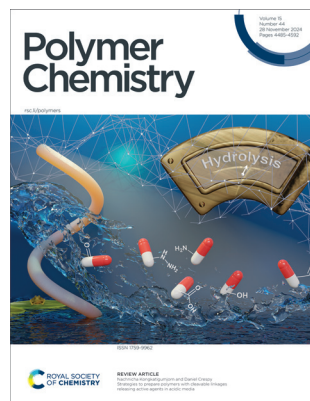
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Cover

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*



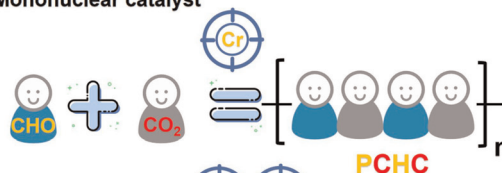
PAPERS

4519

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

Jie Huang and Boxiong Shen*

Mononuclear catalyst



Trinuclear catalyst



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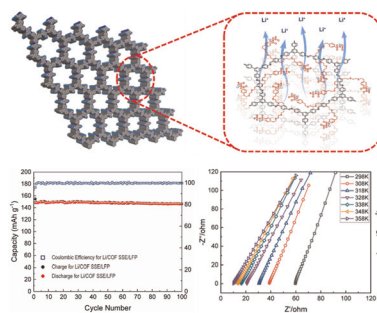


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4529

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

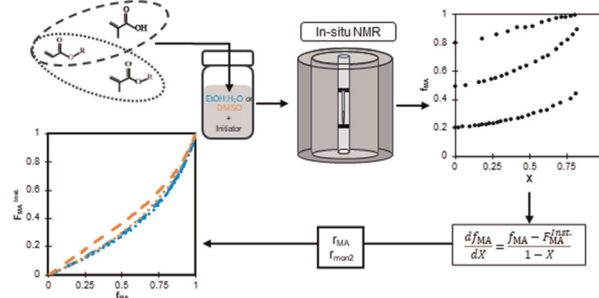
Haomin Wu, Wencan Ma, Xin Huang, Yifeng Cai, Junheng Li, Qiaobo Liao, Kai Xi, Qihong Zhang* and Xudong Jia*



4542

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

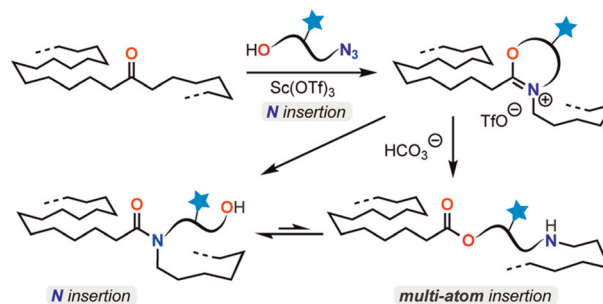
Noushin Rajabalinia, Fatemeh Salarhosseini and Robin A. Hutchinson*



4554

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

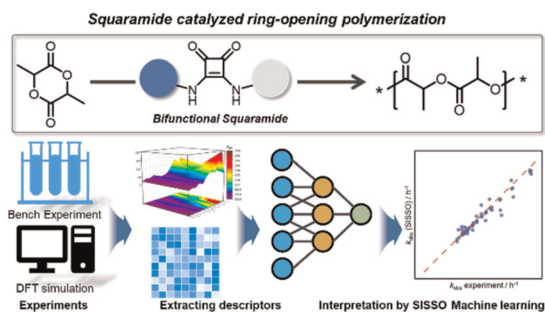
Andrew J. King, Ryan P. Sherrier, Jeffrey Aubé and Aleksandr V. Zhukhovitskiy*



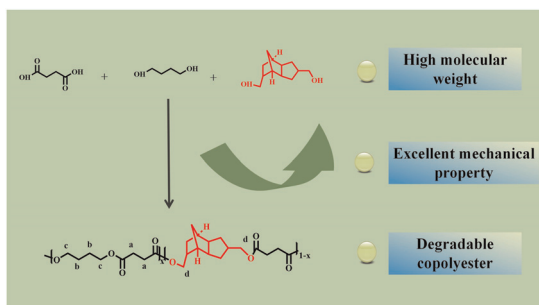
4562

Interpretable machine 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



4570

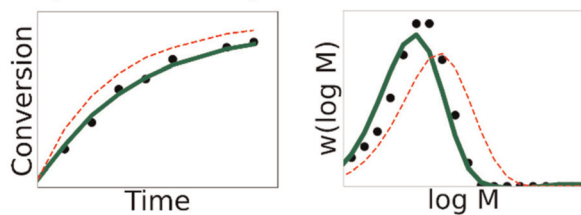


Synthesis of degradable polyester with high molecular weight and excellent mechanical properties through copolymerization modification of poly(butylene succinate)

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

4580

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

