

Polymer Chemistry

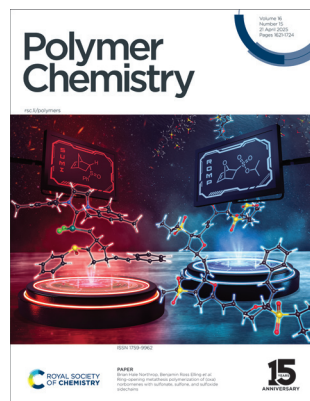
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Cover

See Brian Hale Northrop, Benjamin Ross Elling *et al.*, pp. 1653–1658.

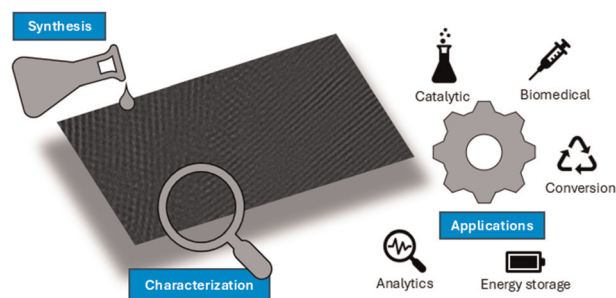
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MINIREVIEW

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Polymer-templated films of ordered mesoporous carbon: preparation, characterization and applications

Martina Huber, Patricia Sonnenberg and Stefan Naumann*

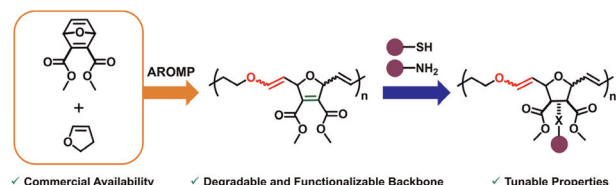


COMMUNICATION

1647

Towards degradable and functionalizable polymers: alternating ring-opening metathesis copolymerization of oxanorbornadiene dicarboxylate and 2,3-dihydrofuran

Tarek Ibrahim, Kaia Kendzulak, Syrena Carver, Tamara Perez and Hao Sun*



✓ Commercial Availability

✓ Degradable and Functionalizable Backbone

✓ Tunable Properties

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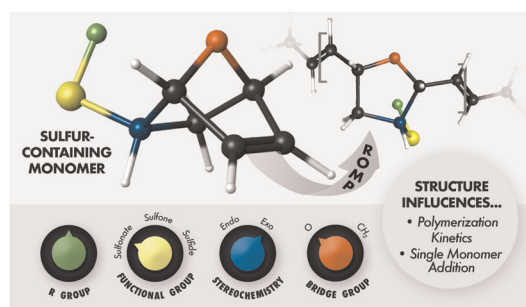


PAPERS

1653

Ring-opening metathesis polymerization of (oxa) norbornenes with sulfonate, sulfone, and sulfoxide sidechains

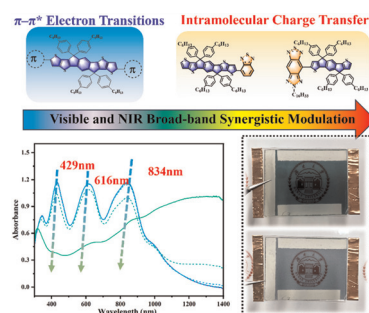
Oliver Paul Clarke, Abdulrahman Bashir, Sophie Wazlowski, Sara Ptaszynska, Brian Hale Northrop* and Benjamin Ross Elling*



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Developing conjugated polymers with broad-band absorption covering visible and near-infrared regions for electrochromism

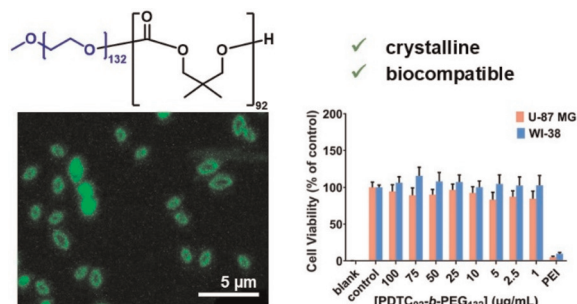
Guoqiang Kuang, Hongbin Yin, Chenming Li, Yijie Tao,* Yafei Guo* and Shiguo Zhang*



1669

Biocompatible two-dimensional platelets with tunable sizes from polycarbonate-based block copolymers

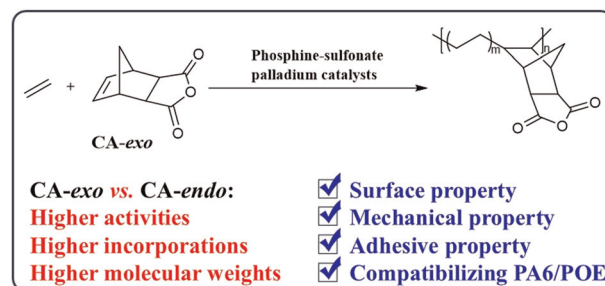
Chuanqi Zhao, Hannah Schnicke, J. Diego Garcia-Hernandez, Jiandong Cai, Yifan Zhang, Charlotte E. Boott* and Ian Manners



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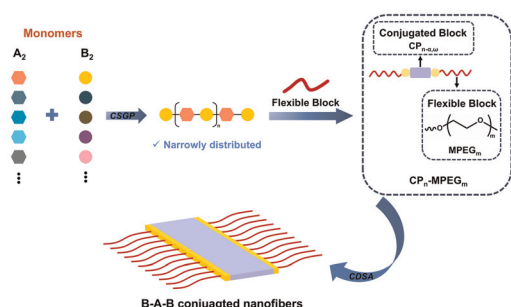
Investigation of *exo*- and *endo*-isomers of 5-norbornene-2,3-dicarboxylic anhydride in ethylene copolymerization

Chuncaizhao, Nan Nie, Wenmin Pang, Dan Peng* and Menghe Xu*



PAPERS

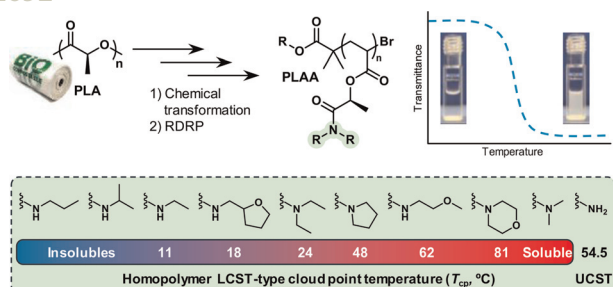
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Synthesis and crystallization-driven self-assembly of triblock copolymers based on narrowly distributed α,ω -bifunctionalized conjugated polymers

Donglai Tian, Bin Huang, Huanghao Pan, Yanchen Deng, Guiyou Wang* and Aiguo Hu*

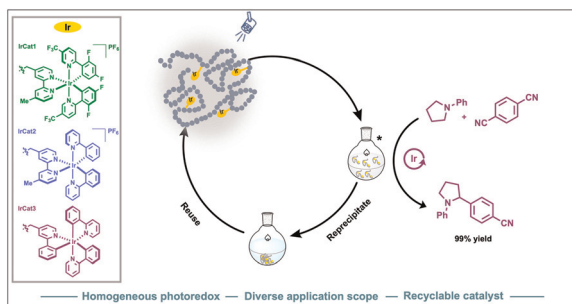
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Thermoresponsive lactate amide acrylic polymers developed from PLA bags

Marc Palà, Alina Ismagilova, Adrian Moreno, Jorge Plaza, Juan C. Ronda, Marina Galià, Lauri Vares and Gerard Lligadas*

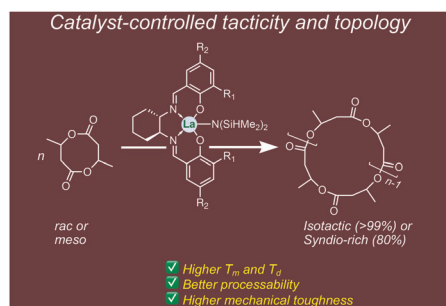
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Recyclable iridium-containing copolymers for homogeneous photoredox catalysis

Shweta Gaikwad, Argha Bhattacharjee, Stanley Baldwin, Steven Huss, Anna Griggs, Michael Spicuzza and Elizabeth Elacqua*

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Stereoregular cyclic poly(3-hydroxybutyrate) enabled by catalyst-controlled tacticity and topology

Celine R. Parker, Zhen Zhang, Ethan C. Quinn, Liam T. Reilly and Eugene Y.-X. Chen*

