### **Polymer Chemistry**

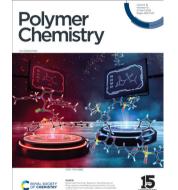
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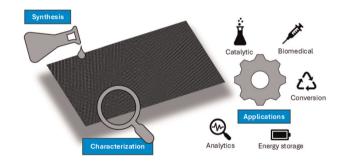
See Brian Hale Northrop, Benjamin Ross Elling et al., pp. 1653-1658.

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#### **MINIREVIEW**

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

Martina Huber, Patricia Sonnenberg and Stefan Naumann\*

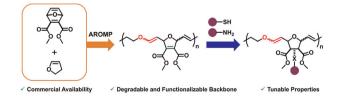


#### COMMUNICATION

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\*





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#### **PAPERS**

#### 1653

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

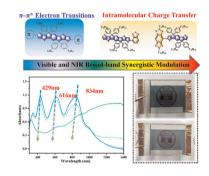
Oliver Paul Clarke, Abdulrahman Bashir, Sophie Wazlowski, Sara Ptaszynska, Brian Hale Northrop\* and Benjamin Ross Elling\*



#### 1659

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

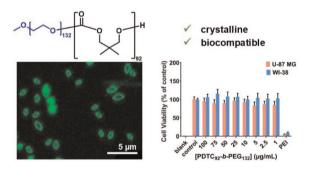
Guoqiang Kuang, Hongbin Yin, Chenming Li, Yijie Tao,\* Yafei Guo\* and Shiguo Zhang\*



#### 1669

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

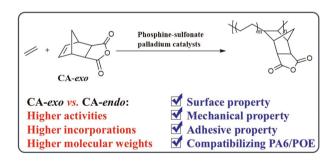
Chuangi Zhao, Hannah Schnicke, J. Diego Garcia-Hernandez, Jiandong Cai, Yifan Zhang, Charlotte E. Boott\* and Ian Manners



#### 1680

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

Chuncai Zhao, Nan Nie, Wenmin Pang, Dan Peng\* and Menghe Xu\*



#### **PAPERS**

## 1685 Conjugated Block CP,-MPEG B-A-B conjugated nanofibers

#### Synthesis and crystallization-driven self-assembly of triblock copolymers based on narrowly distributed $\alpha$ , $\omega$ -bifunctionalized conjugated polymers

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

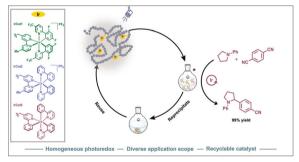
## 1692 1) Chemical transformation 2) RDRP

Homopolymer LCST-type cloud point temperature (T<sub>cp</sub>, °C)

#### 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\*

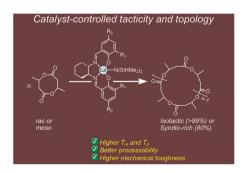
#### 1704



#### Recyclable iridium-containing copolymers for homogeneous photoredox catalysis

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

#### 1713



#### 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\*