

Polymer Chemistry

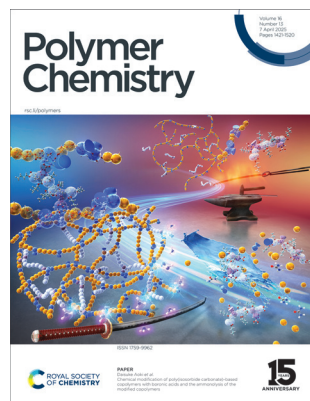
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IN THIS ISSUE

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Cover

See Daisuke Aoki *et al.*,
pp. 1448–1457.

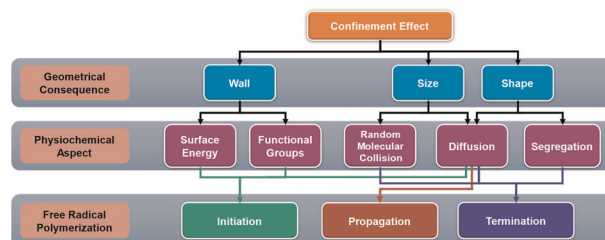
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from *Polym. Chem.*, 2025,
16, 1448.

PERSPECTIVE

1427

Nanoconfined polymerization: advantages of lyotropic liquid crystals as soft templates

Seyed Mostafa Tabatabaei and Reza Foudazi*

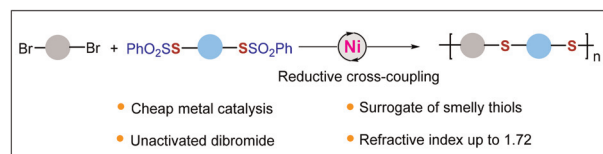


COMMUNICATION

1441

Nickel-catalyzed reductive cross-coupling polymerization of dithiosulfonates and dibromides for the synthesis of polythioethers

Xin Yi, Hao Zeng, Chunyu Chen, Ziwei Luo, Ningyu Li, Junyang Cen, Yuening Pan, Ze Li and Pinglu Zhang*



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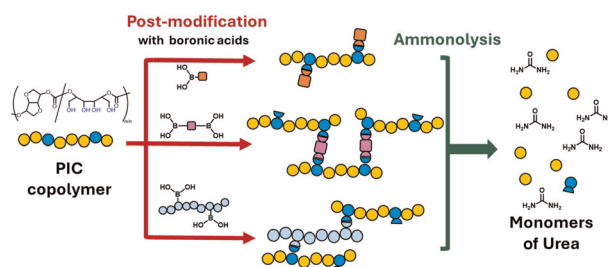


PAPERS

1448

Chemical modification of poly(isosorbide carbonate)-based copolymers with boronic acids and the ammonolysis of the modified copolymers

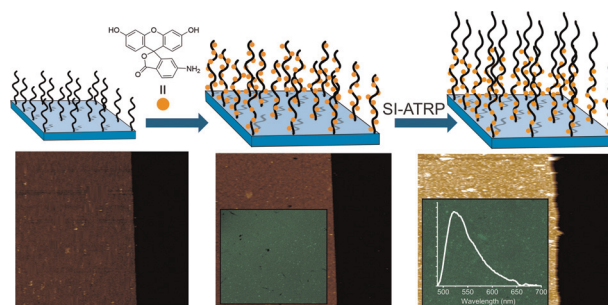
Kazuaki Rikiyama, Akari Matsunami, Shunsuke Fujimata, Tatsuo Taniguchi and Daisuke Aoki*



1458

Fluorescent surface-grafted block copolymer brushes obtained in a versatile post-polymerization approach

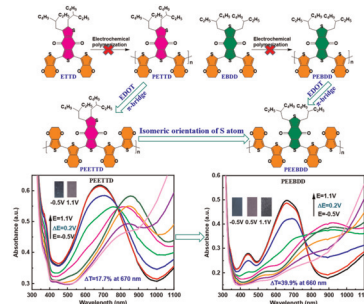
Piotr Wieczorek, Tomasz Kuciel, Tomasz Uchacz* and Szczepan Zapotoczny*



1469

Isomeric orientation of the S atom in thiophene of benzodithiophene-4,8-dione to achieve a high-performance electrochromic polymer

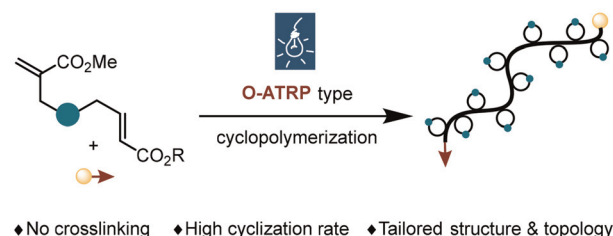
Pengjie Chao,* Qicheng Su, Yuqing Liao, Daize Mo,* Dongling Shen, Yizhong Shi and Lanqing Li*



1478

Organocatalyzed photoredox radical cyclopolymerization of methacrylate- and acrylamide-crotonate hybrid monomers

Gaoyuan Yu, Yong-Le Tian, Ke Li and Dian-Feng Chen*

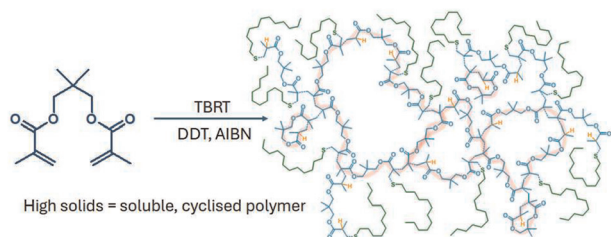


◆ No crosslinking ◆ High cyclization rate ◆ Tailored structure & topology



PAPERS

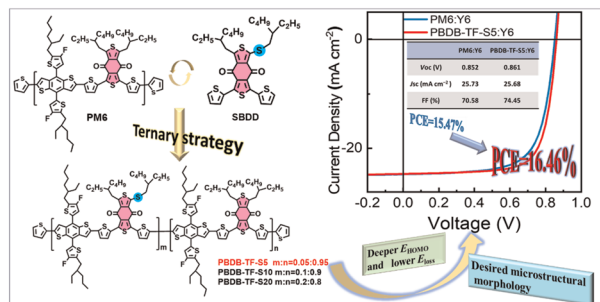
1486



Geometry-directed cyclisation within the transfer-dominated branching radical telomerisation of dimethacrylates

Corinna Smith, Oliver B. Penrhyn-Lowe, Samuel Mckeating, Stephen Wright, Andrew B. Dwyer and Steve P. Rannard*

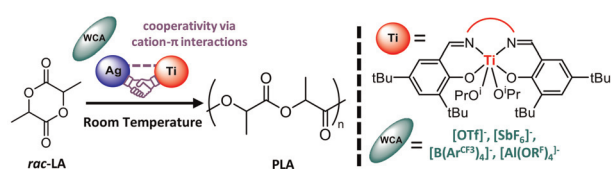
1493



An alkylthio side chain tuned the PM6 structure and elevated photovoltaic performance of ternary donor polymers

Pengzhi Guo,* Jinye He, Junhong Liang, Tiantian Wang, Mingruo Li, Jianhong Wei, Wentao Miao, Zezhou Liang, Yuan Zhou, Junfeng Tong, Xunchang Wang, Chenglong Wang and Yangjun Xia*

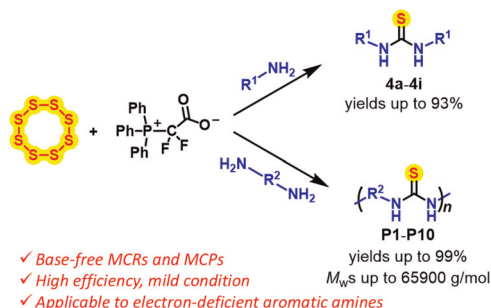
1503



A pinch of silver salt to enable *rac*-lactide ring-opening polymerisation at room temperature using Ti-salen complexes

Justin Koh, Chloe A. Baker, Marianna N. Diamantakis, Nicholas J. Long* and Charles Romain*

1509



The base-free multicomponent polymerization of elemental sulfur, difluoromethylene phosphobetaine and amines toward electron-deficient aromatic polythioureas

Yongjiang Yu, Wang Chen, Rongrong Hu* and Ben Zhong Tang

