

# Polymer Chemistry

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### Cover

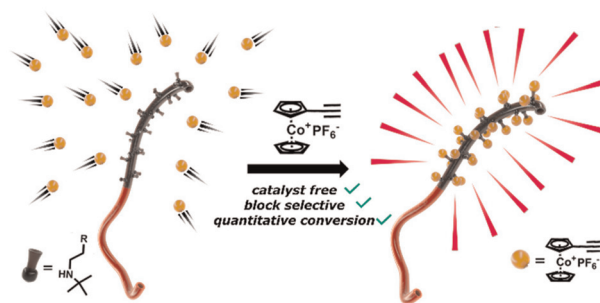
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### Amine-containing block copolymers for efficient catalyst-free hydroamination and preparation of functional metallopolymer

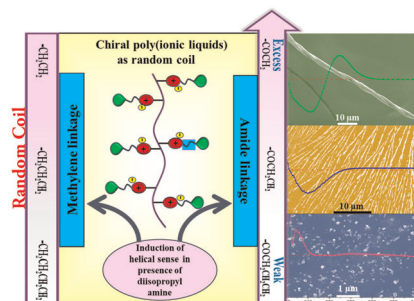
Till Rittner, Kinza Ghulam, Marcus Koch and Markus Gallei\*



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Baisakhi Tilottama and Kari Vijayakrishna\*





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# RSC Applied Polymers

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both natural and synthetic**

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**Fundamental questions  
Elemental answers**

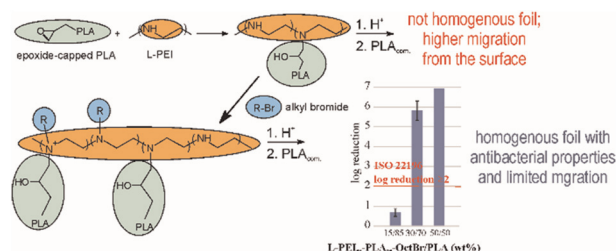


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## Lactide oligomers modified with linear polyethyleneimine for antibacterial coatings

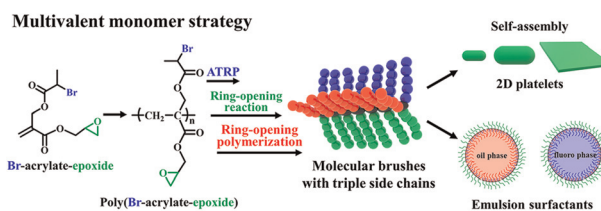
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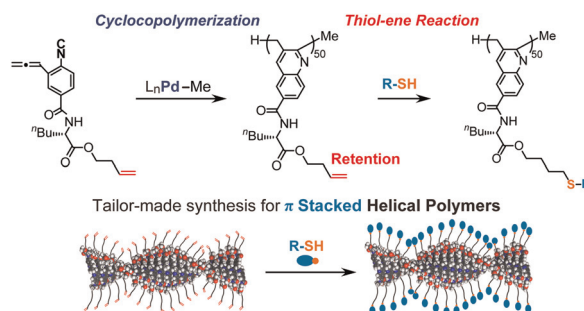
Shiya Cao, Wenyi Liu, Bicai Yang, Yuan Zheng, Shaoliang Lin\* and Binbin Xu\*



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Side-chain modification of  $\pi$ -stacked helical poly(quinoline-2,3-diylmethylenes) via thiol-ene reaction

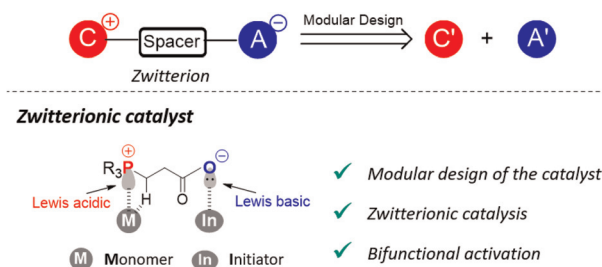
Naoya Kanbayashi,\* Sora Odagaki and Kiyotaka Onitsuka\*



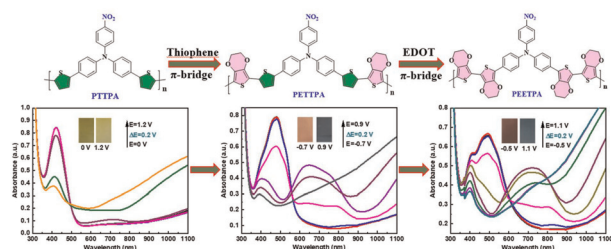
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Fengzhen Guo, Peng Guo, Zhenjiang Li,\* Yaling Yin, Hui Yu, Shaoju Cao, Chunyu Li, Xin Zou, Mingfu Lyu and Kai Guo



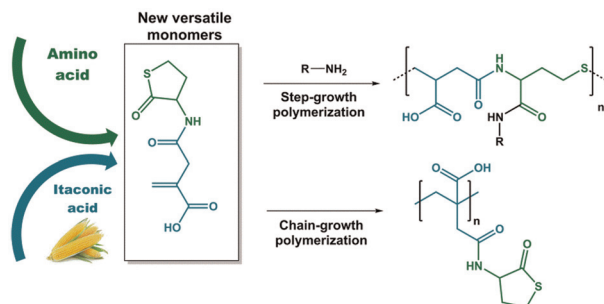
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### High-performance D- $\pi$ -A- $\pi$ -D type electrochromic polymers based on nitro-substituted triphenylamine derivatives with thiophene and EDOT as $\pi$ bridges

Pengjie Chao,\* Yuqing Liao, Qicheng Su, Daize Mo\* and Lanqing Li

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### Synthesis of biobased and versatile monomers from itaconic acid and homocysteine thiolactone and their applications in step-growth and radical polymerization approaches

Fato Niang, Adèle Brunou-Bouard, Gérard Cruz, Nadège Pantoustier, Fanny Coumes\* and Nicolas Illy\*

