

Polymer Chemistry

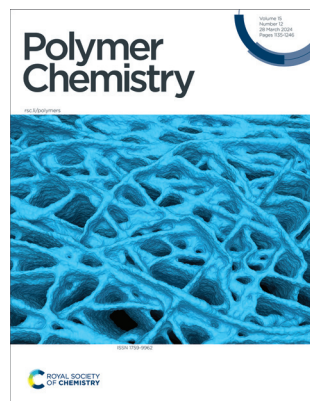
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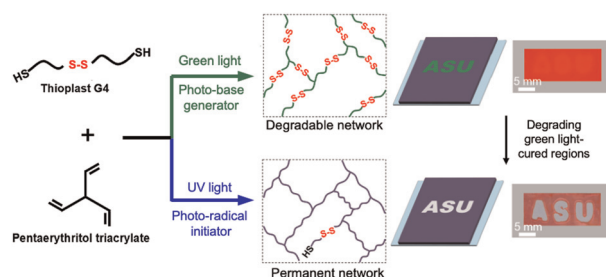
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Directing network degradability using wavelength-selective thiol-acrylate photopolymerization

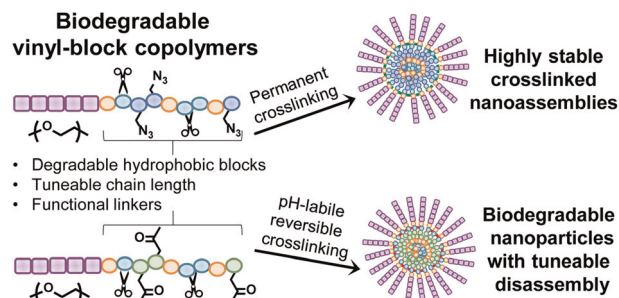
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Biodegradable mPEG-*b*-poly(MDO-co-vinyl esters) block copolymers as a viable nanocarrier platform with tuneable disassembly

Arunpandian Balaji, Amber R. Prior, Rachel K. O'Reilly, Andrew P. Dove, Kristofer J. Thurecht and Craig A. Bell*



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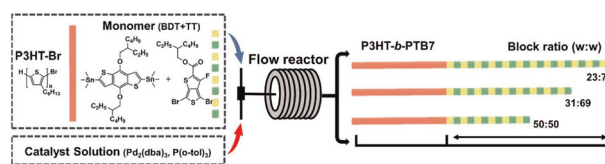
**Fundamental questions
Elemental answers**

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Precision control of molecular weight ratios in fully conjugated block copolymers using flow synthesis

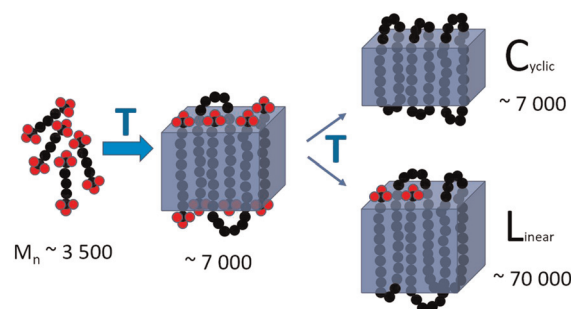
Seungjun Lee, Gyung-Tak Kim, Jueun Kim, Taehoon Kang, Taeshik Earmme and Ye-Jin Hwang*



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Transformation of poly(L-lactide) crystals composed of linear chains into crystals composed of cycles

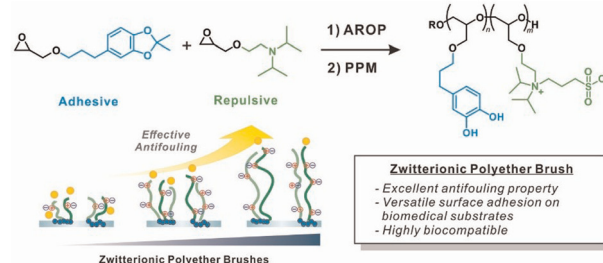
Steffen M. Weidner, Andreas Meyer and Hans R. Kricheldorf*



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Mussel-inspired zwitterionic copolyethers for antifouling biomedical surfaces

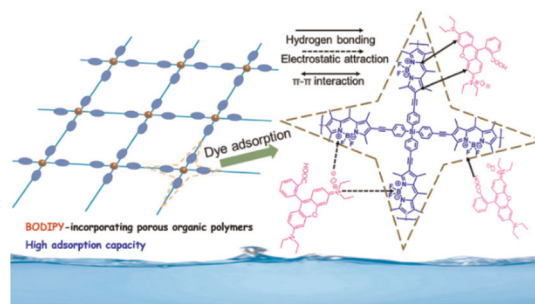
Minjung Kim, Minseong Kim, Woojin Choi, Milae Lee, Jieun Kim, Yeiji Kim, Kyung Hyun Kim, Ji Yeoun Lee, Jinkee Hong and Byeong-Su Kim*



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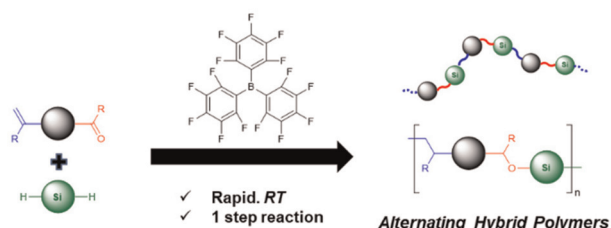
Porous organic polymers incorporating BODIPY moieties for efficient removal of organic dyes from aqueous solutions

Lihua Guo, Qiming Huo, Shengyu Feng, Dengxu Wang* and Hongzhi Liu



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Metal-free synthesis of alternating silyl ether–carbosilane copolymers using unsaturated ketones

Naoki Yoshida, Huie Zhu* and Masaya Mitsuishi*

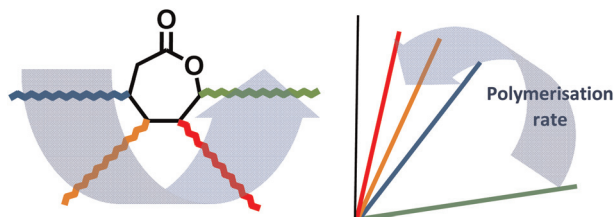
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Phosphorus acid: an asset for flame-retardant sustainable vitrimers

Florian Cuminet, Nathan Vanachte, Chloé Farina, Maxinne Denis, Claire Negrell, Sylvain Caillol,*
Éric Dantras, Éric Leclerc and Vincent Ladmiral*

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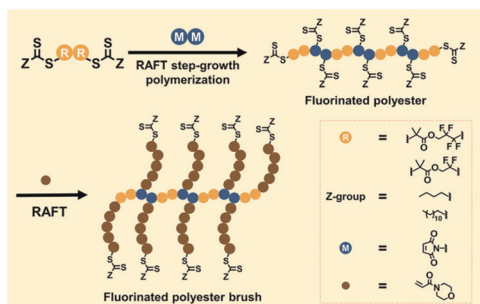


- ✓ Controlled ROP with sterically demanding substituents
- ✓ Polymerisation rates influenced by substituent placement

Ring-opening polymerisation of alkyl-substituted ϵ -caprolactones: kinetic effects of substitution position

Cinzia Clamor, James Beament, Peter M. Wright, Beatrice N. Cattoz, Rachel K. O'Reilly* and Andrew P. Dove*

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Preparation of fluorinated polyesters by reversible addition–fragmentation chain transfer step-growth polymerization

Gaohuai Mei, Shujing Lei, Qili Li, Jianquan Xu and Meng Huo*

