

Polymer Chemistry

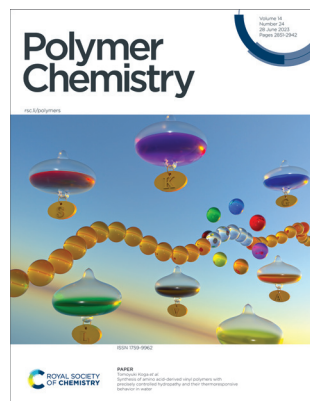
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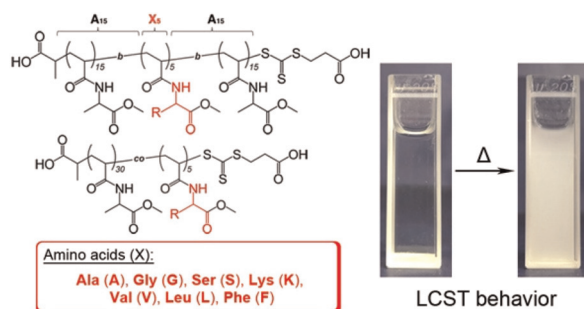
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PAPERS

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Synthesis of amino acid-derived vinyl polymers with precisely controlled hydrophathy and their thermoresponsive behavior in water

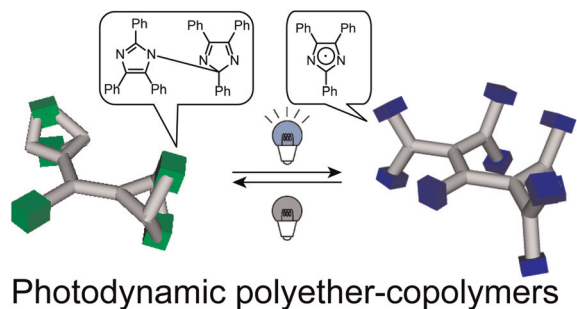
Atsushi Sawamoto, Shin-nosuke Nishimura,
Nobuyuki Higashi and Tomoyuki Koga*



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Synthesis of photodynamic intramolecularly crosslinked polyether-copolymers in-chain functionalized with hexaarylbiimidazoles

Minami Oka and Satoshi Honda*



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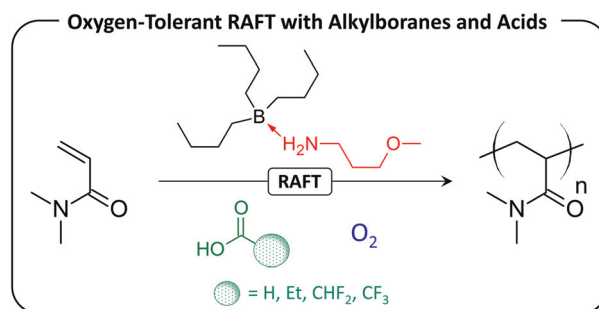


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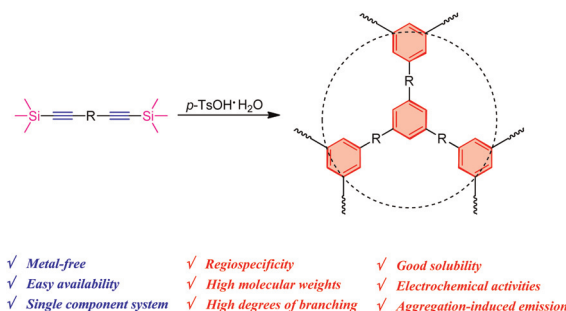
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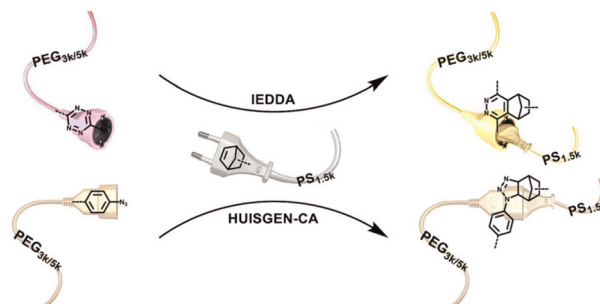
Lu Wang, Yongliang Zhan, Linhui Zhang and Hongkun Li*



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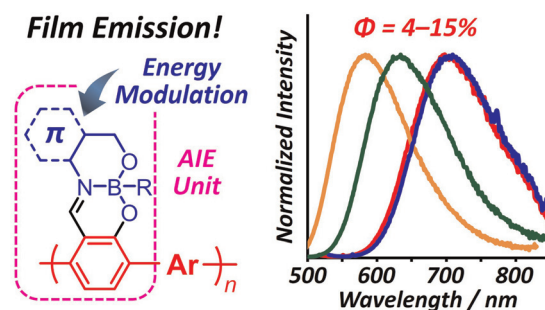
Steffen A. Busche, Stefan Peplau, Luc Zuhse, Désirée Steimer, Dennis D. August and Hans G. Börner*



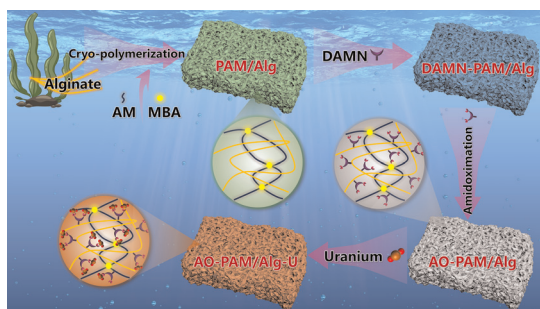
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Selective modulation of energy levels of frontier orbitals in solid-state luminescent boron-fused azomethine polymers with orthogonal orientations to the main chains

Masayuki Gon, Misato Kanjo, Shunsuke Ohtani, Kazuo Tanaka* and Yoshiki Chujo



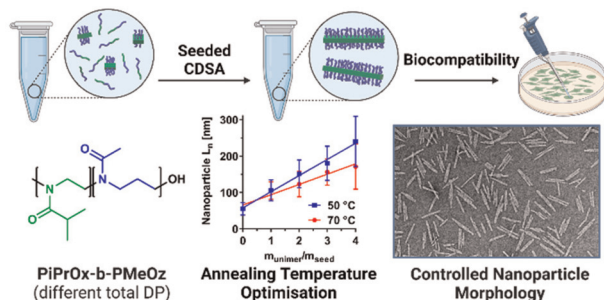
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Alginate-based supermacroporous hydrogels fabricated by cryo-polymerization for uranium extraction from seawater

Xu Zhang, Dagang Li, Chang Cui, Shusen Chen, Meng Ji, Weiwu Tang, Le Yang, Fengqi Zhang, Jinying Li, Dongxiang Zhang* and Xiyan Xu*

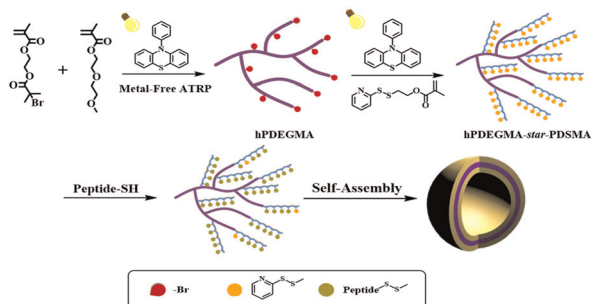
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Length-tuneable biocompatible block copolymer nanorods with a poly(2-methyl-2-oxazine)-corona via heat-induced crystallisation-driven self-assembly

Nicole M. Warne, Aaron Elbourne, Mai P. Tran, John R. Finnegan, Orlagh M. Feeney* and Kristian Kempe*

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Synthesis and self-assembly of hyperbranched multiarm copolymer peptide conjugates based on light-induced metal-free ATRP

Yue Zhang,* Rong Zhao, Yan Qin, Jianguo Yi, Jimin Zhang* and Xiaoi Chen

