

Polymer Chemistry

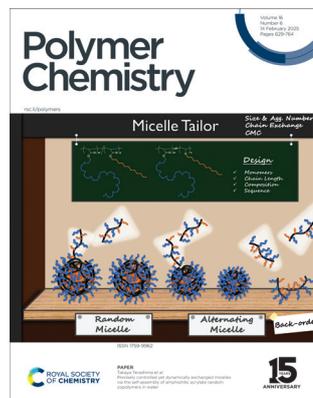
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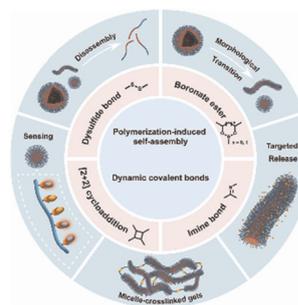
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Polymerization-induced self-assembly nanomaterials based on dynamic covalent bonds

Zhenyu Wan, Nankai An, Chang Xu, Mingxin Zheng and Jinying Yuan*

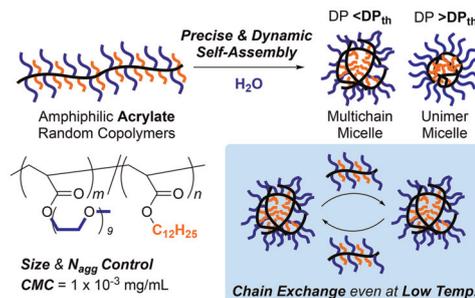


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Precisely controlled yet dynamically exchanged micelles via the self-assembly of amphiphilic acrylate random copolymers in water

Hiroyuki Kono, Makoto Ouchi and Takaya Terashima*



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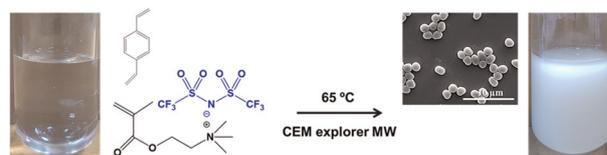
Fundamental questions
Elemental answers

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One-step preparation of anisotropic snowman-like poly(ionic liquid) microspheres via microwave-assisted dispersion polymerization

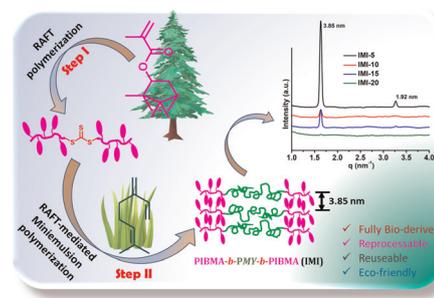
Xufeng Hu, Jingyi Li, Xiaopeng Zhao and Jianbo Yin*



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A potential biobased thermoplastic elastomer based on β -myrcene via RAFT-mediated miniemulsion polymerization

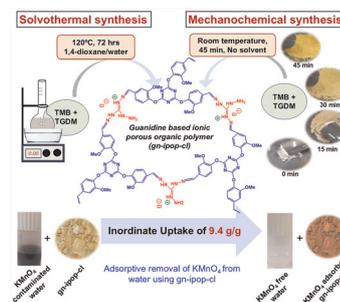
Uddhab Kalita, Sarthik Samanta, E. Bhoje Gowd, Narayan Ch. Das and Nikhil K. Singha*



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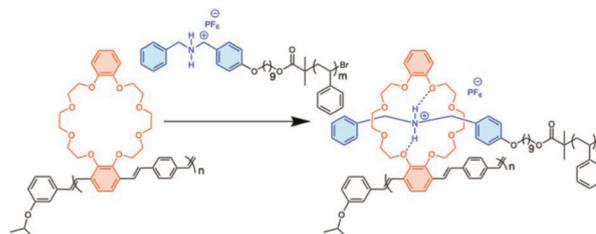
P. S. Nandamol and Mintu Porel*



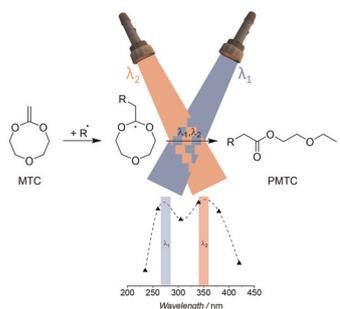
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Supramolecular bottlebrush copolymers from crown-ether functionalized poly(*p*-phenylenevinylene)s

Anahita Keer, Arielle Mann, Chengyuan Wang and Marcus Weck*



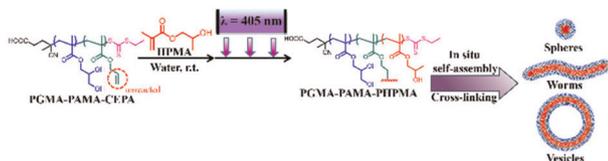
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Photochemical action plots evidence UV-promoted radical ring-opening polymerisation of cyclic ketene acetals

Till Meissner, Peter Friedel, Joshua A. Carroll, Christopher Barner-Kowollik* and Jens Gaitzsch*

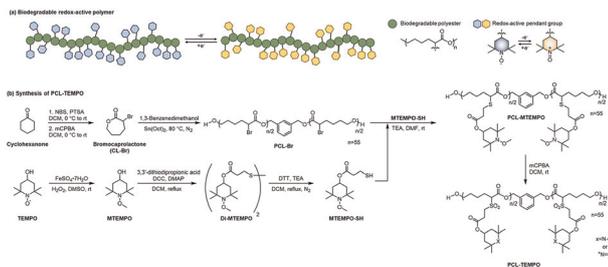
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Polymerization-induced self-assembly mediated by vinyl-functionalized macromolecular chain transfer agents: a straightforward approach to prepare cross-linked block copolymer nanoparticles with tunable morphologies

Honggao Huang, Liwei Luo, Li Zhang* and Jianbo Tan*

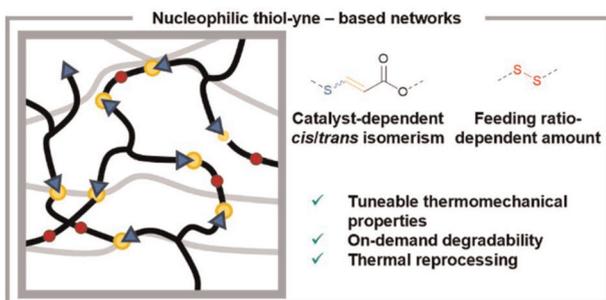
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Development of redox-active polycaprolactone and its electrochemical redox behavior in aqueous media

Taeho Lim, Seun Hong, Soeun Kim, Soobin Kim, Kyeongsu Chung, Hyemin Park, Youngdo Jeong, Ju-Won Jeon, Jinho Chang* and Sangho Cho*

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Tuneable and degradable thermosets possessing dynamic aliphatic disulfide bonds via stereoselective thiol-yne polymerisation

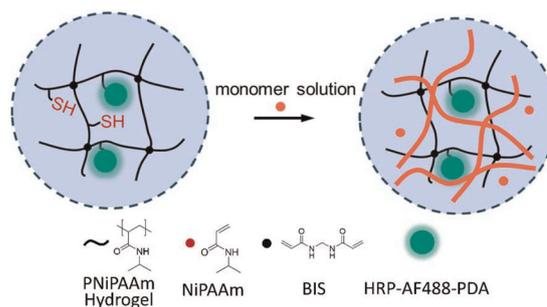
Daniele Giannantonio, Arianna Brandolese and Andrew P. Dove*



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Enzymatic synthesis of semi-IPNs within hydrogel-based microfluidics

Chen Jiao, Dietmar Appelhans, Brigitte Voit, Nico Bruns and Jens Gaitzsch*



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A facile route for the chemical functionalisation of polydivinylbenzenes and the application of amphoteric polydivinylbenzene microspheres to the simultaneous solid-phase extraction of acidic and basic drugs from water samples

Francesc Borrull, Peter A. G. Cormack,* Alan Corrigan, Calum Craig, Núria Fontanals, Rosa Maria Marcé,* Alberto Moral and Greg Smith

