

Polymer Chemistry

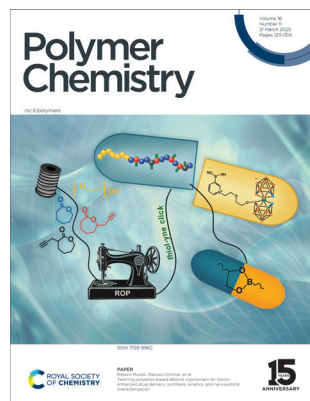
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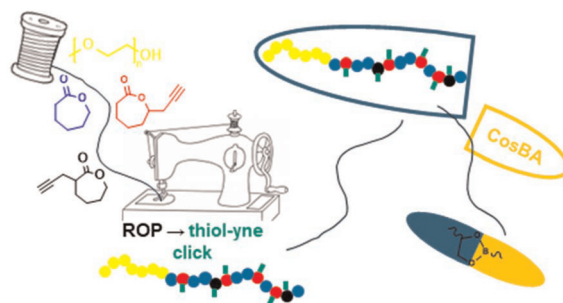
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PAPERS

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Tailoring polyester-based diblock copolymers for boron-enhanced drug delivery: synthesis, kinetics, and nanoparticle characterization

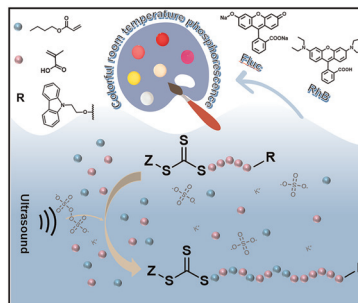
Robert Mundil,* Pavlína Marková, Martin Orságh, Ewa Pavlova, Zuzana Walterová, Petr Toman, Olga Kočková and Mariusz Uchman*



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Sonochemistry-assisted reversible addition–fragmentation chain transfer polymerization for synthesizing multicolor room-temperature phosphorescent polymers

Wenjing Liu, Ruqing Zhao, Jinhong Han, Chen Wang, Xiaoyang Shao and Zhenhua Wang*



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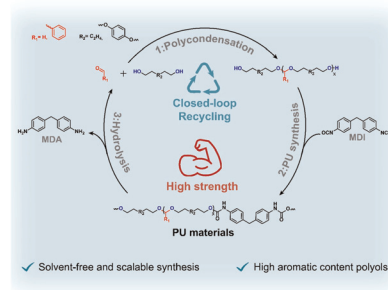
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High performance polyurethanes derived from aromatic acetal-containing polyols enabling closed-loop recycling

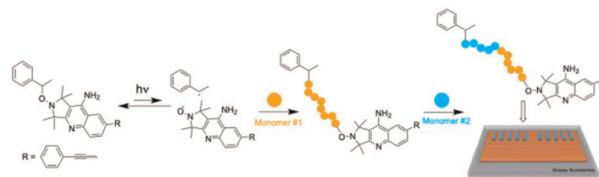
Patrick Schara, Tankut Türel, Anna Cristadoro, Rint P. Sijbesma and Željko Tomović*



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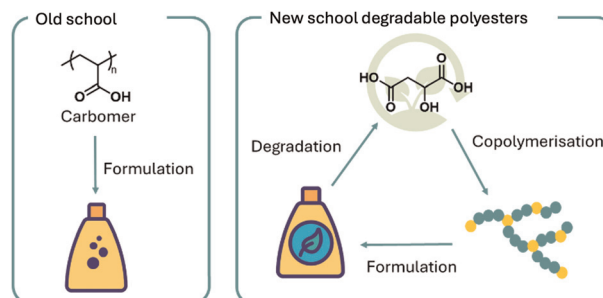
Nam Hoai Nguyen, Xingyu Wu, Yohann Guillauneuf, Arnaud Spangenberg, Didier Gigmes* and Jean-Louis Clément*



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Poly(malic acid) copolymers as degradable rheology modifiers in aqueous formulations

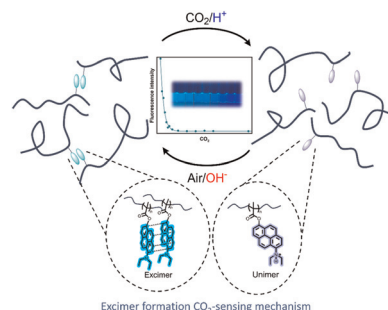
Christina A. R. Picken, Orla Buensoz, Christopher Fidge, Paul Price and Michael P. Shaver*



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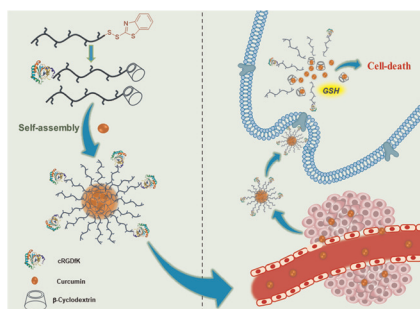
pH-responsive polymer-supported pyrene-based fluorescent dyes for CO₂ detection in aqueous environments

David A. Londoño de la Cruz, David Chappell, Bilal Rashid, Blaine R. Tookey, Calum T. J. Ferguson and Rachel K. O'Reilly*



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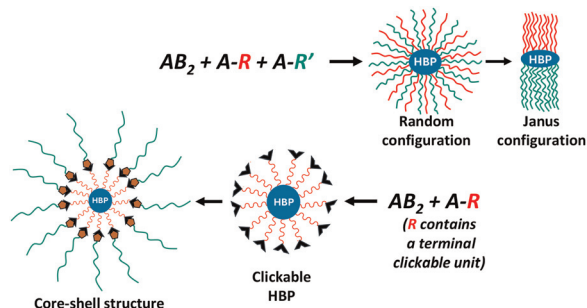
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Redox-responsive micellar nanoparticles using benzothiazole-disulfide terminated polymers: employing host–guest complexation for targeted delivery of curcumin

Salli Kocak, Beyza Demirkol, Ruveyda Kilic Boz, Rana Sanyal,* Mehmet Arslan* and Amitav Sanyal*

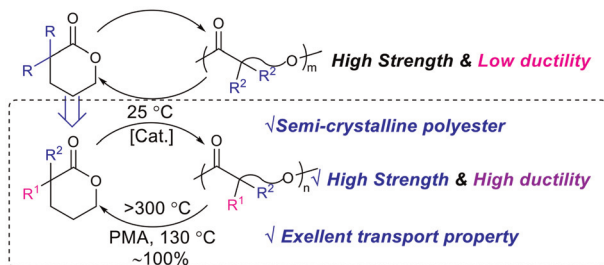
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Revisiting $AB_2 + A-R$ copolymerization: direct access to Janus and peripherally clickable hyperbranched polyesters

Runa Singla, E. Bhoje Gowd and S. Ramakrishnan*

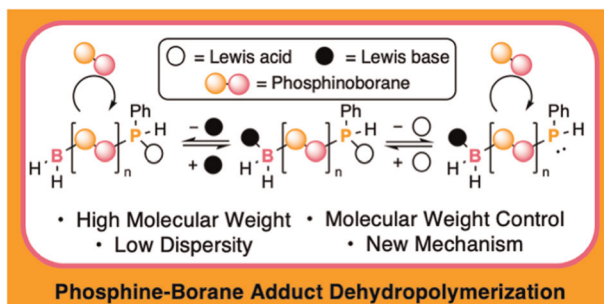
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Circular polyester design by *gem*-heterodisubstitution: valerolactone-based polymers with high ductility and excellent strength

Yue-Ming Pan, Xin-Lei Li, Wen-Da Shang and Tie-Qi Xu*

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$BH_3 \cdot SMe_2$ addition enables molar mass control via chain stabilization in phosphine–borane dehydropolymerization

Matthew A. Wiebe, Jade E. T. Watson, Charles Killeen, J. Scott McIndoe, Anne Staubitz* and Ian Manners

