

Polymer Chemistry

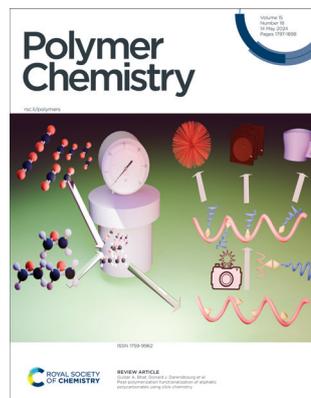
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Cover

See Gulzar A. Bhat,
Donald J. Darensbourg *et al.*,
pp. 1803–1820.

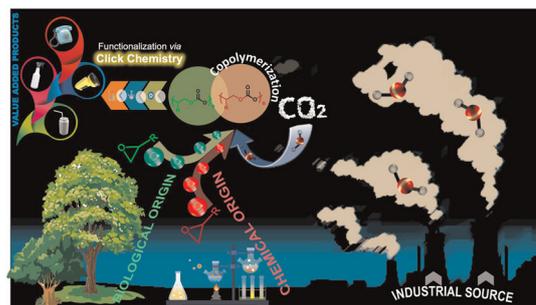
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Donald J. Darensbourg from
Polym. Chem., 2024, **15**,
1803.

REVIEW

1803

Post-polymerization functionalization of aliphatic polycarbonates using click chemistry

Mohsin Hassan, Gulzar A. Bhat* and
Donald J. Darensbourg*

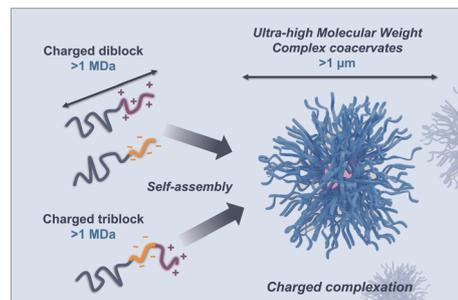


COMMUNICATIONS

1821

Ultra-high molecular weight complex coacervates via polymerization-induced electrostatic self-assembly

Julia Y. Rho,* Angie B. Korpusik, Miriam Hoteit,
John B. Garrison and Brent S. Sumerlin*



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Fundamental questions
Elemental answers

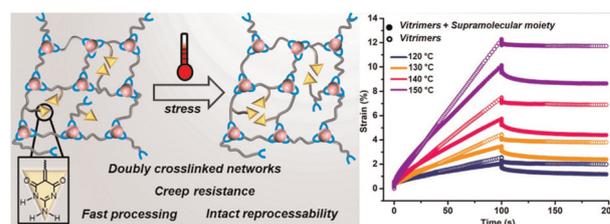


COMMUNICATIONS

1826

Creep resistance in doubly crosslinked dynamic covalent networks

Swagata Mondal, Alexander J. Wong, Mahendra A. Wagh, Lily Alperstein, Gangadhar J. Sanjayan* and Brent S. Sumerlin*

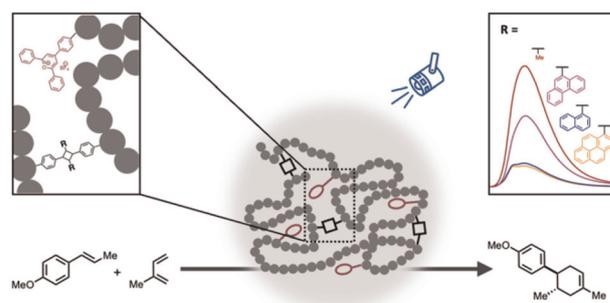


PAPERS

1833

Visible-light-mediated Diels–Alder reactions under single-chain polymer confinement: investigating the role of the crosslinking moiety on catalyst activity

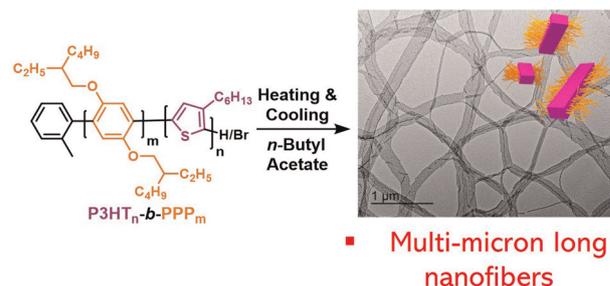
Michael Spicuzza, Shweta Prakesh Gaikwad, Steven Huss, Annemarie A. Lee, Cristina V. Craescu, Anna Griggs, Joshmi Joseph, Mark Puthenpurayil, Wilson Lin, Christopher Matarazzo, Stanley Baldwin, Victoria Perez, Diego Alejandro Rodriguez-Acevedo, John R. Swierk and Elizabeth Elacqua*



1839

Crystallization-driven self-assembly of poly(3-hexylthiophene)-*b*-poly(2,5-bis(2-ethylhexyloxy)*p*-phenylene), a π -conjugated diblock copolymer with a rigid rod corona-forming block

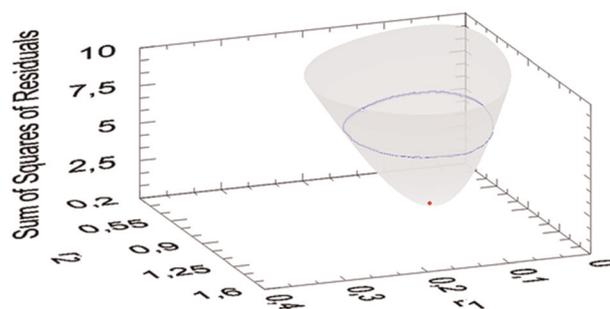
Marcus Vespa, Liam R. MacFarlane, Zachary M. Hudson* and Ian Manners



1851

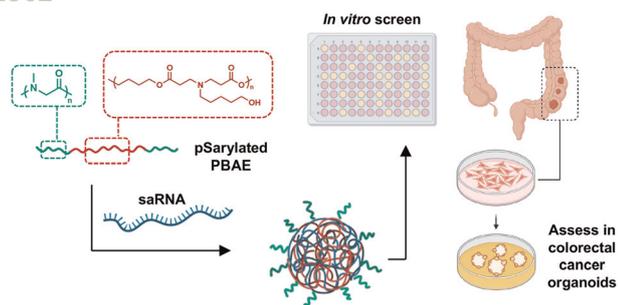
IUPAC recommended experimental methods and data evaluation procedures for the determination of radical copolymerization reactivity ratios from composition data

Anton A. A. Autzen, Sabine Beuermann, Marco Drache, Christopher M. Fellows, Simon Harrisson, Alex M. van Herk,* Robin A. Hutchinson, Atsushi Kajiwara, Daniel J. Keddie, Bert Klumperman and Gregory T. Russell



PAPERS

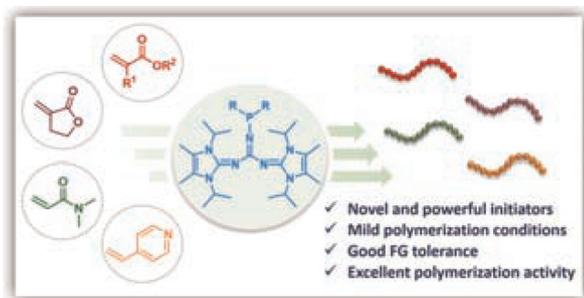
1862



Polysarcosine functionalised cationic polyesters efficiently deliver self-amplifying mRNA

Hulya Bayraktutan, Rafał J. Kopiasz, Amr Elsherbeny, Magda Martinez Espuga, Nurcan Gumus, Umut Can Oz, Krupal Polra, Paul F. McKay, Robin J. Shattock, Paloma Ordóñez-Morán, Alvaro Mata, Cameron Alexander and Pratik Gurnani*

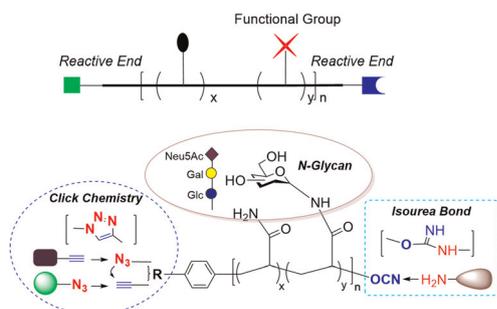
1877



N,N' -Bis(imidazolyl)guanidinylphosphines: powerful initiators for conjugate-addition polymerization of Michael-type monomers

Lang-Qi Wen, Wei Chen, Wei-Min Ren, Xiao-Bing Lu and Hui Zhou*

1884



Synthesis and characterization of α,ω -end orthogonally functionalizable glycopolymers from native glycans

Joseph M. Keil, Ka Keung Chan and Xue-Long Sun*

