

Polymer Chemistry

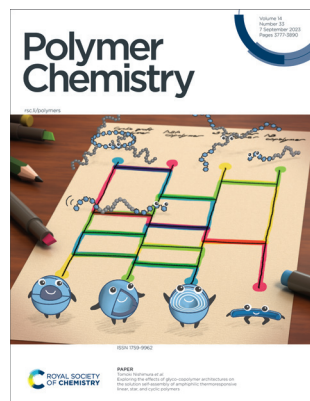
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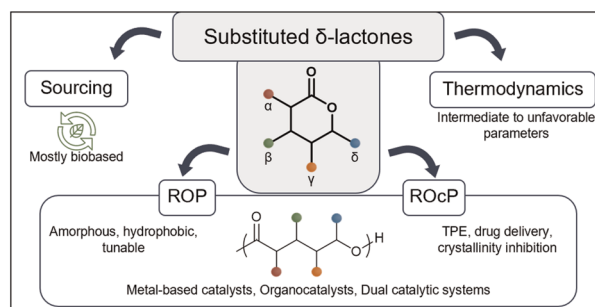
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REVIEW

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Sourcing, thermodynamics, and ring-opening (co)polymerization of substituted δ -lactones: a review

Peter McMichael, Xavier Schultze,* Henri Cramail* and Frédéric Peruch*

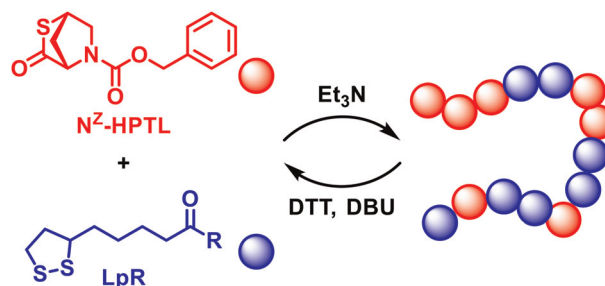


COMMUNICATIONS

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Ring-opening copolymerization of hydroxyproline-derived thiolactones and lipoic acid derivatives

Yi Zhang and Hua Lu*



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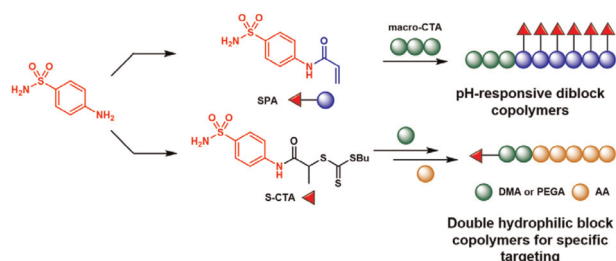


COMMUNICATIONS

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Primary sulfonamide-functional polymers with controlled chain architectures by RAFT polymerisation

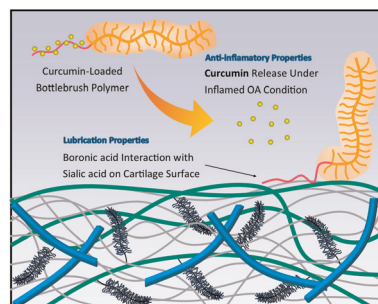
Maksym Odnoroh, Jean-Daniel Marty,*
Valérie Bourdon, Olivier Coutelier and
Mathias Destarac*



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Bottlebrush polymer with dual functionality for osteoarthritis treatment: curcumin delivery and lubrication properties

Gholamreza Charmi, Mahdi Rahimi, Karolina Socha,
Duy Anh Pham, Line Séguy, Quoc Thang Phan,
Florina Moldovan, Marcin Kozanecki,
Krzysztof Matyjaszewski, Xavier Banquy and
Joanna Pietrasik*

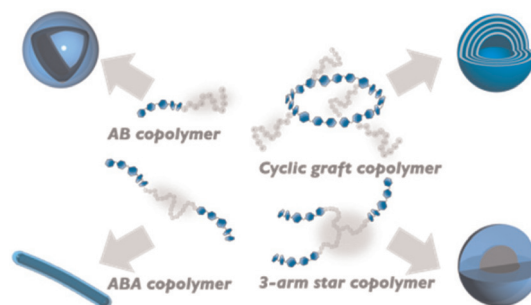


PAPERS

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Exploring the effects of glyco-copolymer architectures on the solution self-assembly of amphiphilic thermoresponsive linear, star, and cyclic polymers

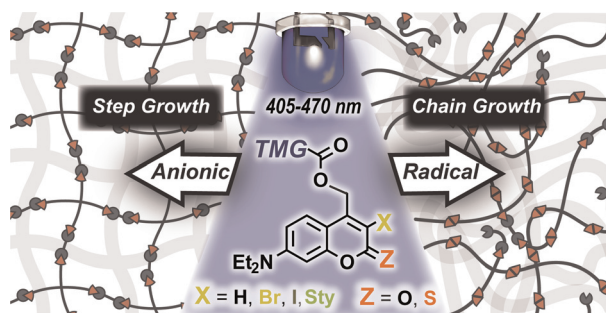
Naoki Ozawa, Ji Ha Lee, Isamu Akiba and
Tomoki Nishimura*



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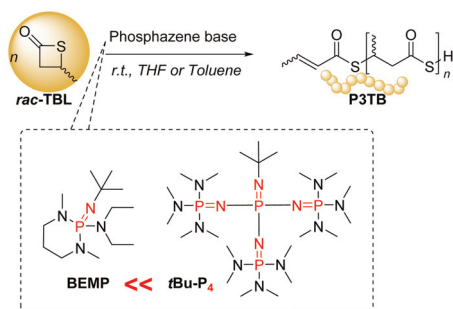
Visible light activated coumarin photocages: an interplay between radical and organobase generation to govern thiol-ene polymerizations

Meghan T. Kiker, Ain Uddin, Lynn M. Stevens,
Kun-You Chung, Pengtao Lu and Zachariah A. Page*



PAPERS

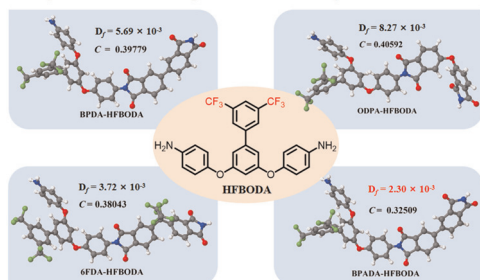
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Ring-opening polymerization of β -thiobutyrolactone catalyzed by phosphazenes

Hui Li, Sophie M. Guillaume* and Jean-François Carpentier*

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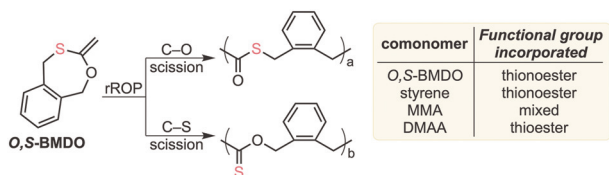
Polyimides with Low Dissipation Factor Derived from Novel Diamine



Polyimides with low dielectric constants and dissipation factors at high frequency derived from novel aromatic diamines with bistrifluoromethyl pendant groups

Yao Zhang, Shan Huang, Xialei Lv,* Kuangyu Wang, Huimin Yin, Siyao Qiu, Jinhui Li,* Guoping Zhang* and Rong Sun

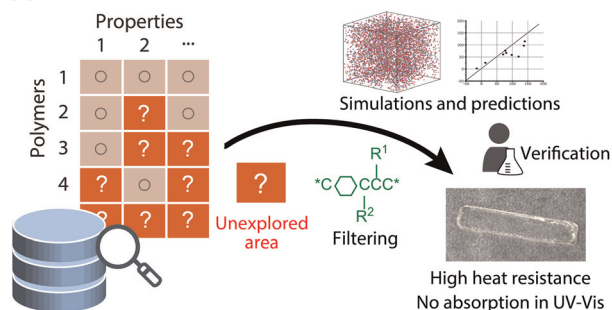
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An orthogonal O,S-CKA monomer for the introduction of thioester and/or thionoester functionalities by radical polymerization

Marlena Pięta, Vishal B. Purohit, Piotr Paneth, Joanna Pietrasik, Le Li and Christopher M. Plummer*

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Exception search in databases for polymers with practically contradictory properties of heat resistance and transparency

Yasuyuki Nakamura,* Alice Gros, Wenhao Zhang, Keitaro Sodeyama and Masanobu Naito*

