

Polymer Chemistry

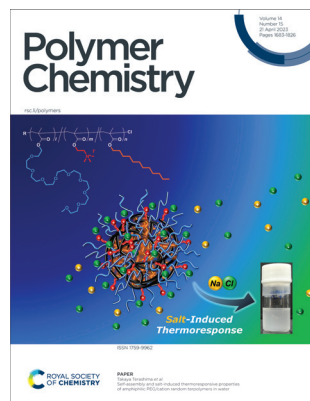
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ISSN 1759-9962 CODEN PCOHC2 14(15) 1683-1826 (2023)



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See Takaya Terashima *et al.*, pp. 1718–1726.

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REVIEW

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Review of quantitative and qualitative methods for monitoring photopolymerization reactions

Patryk Szymaszek, Wiktoria Tomal, Tomasz Świergosz, Iwona Kamińska-Borek, Roman Popielarz and Joanna Ortyl*

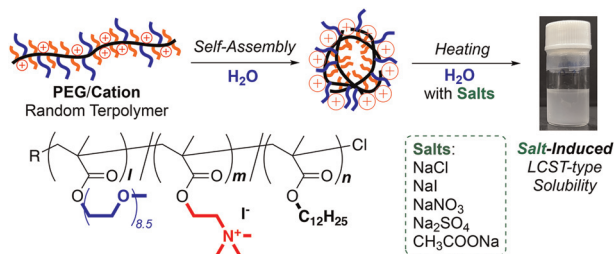


PAPERS

1718

Self-assembly and salt-induced thermoresponsive properties of amphiphilic PEG/cation random terpolymers in water

Rikuto Kanno, Makoto Ouchi and Takaya Terashima*



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Polymer Chemistry (electronic: ISSN 1759-9962)

is published 48 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK

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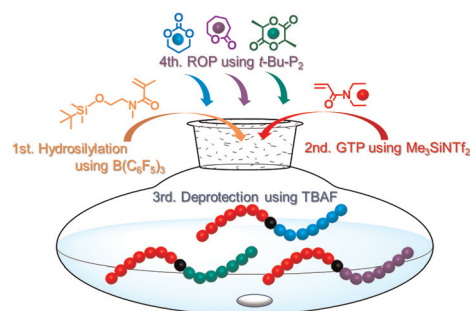


PAPERS

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One-pot catalyst-switching synthesis of thermoresponsive amphiphilic diblock copolymers consisting of poly(*N,N*-diethylacrylamide) and biodegradable polyesters

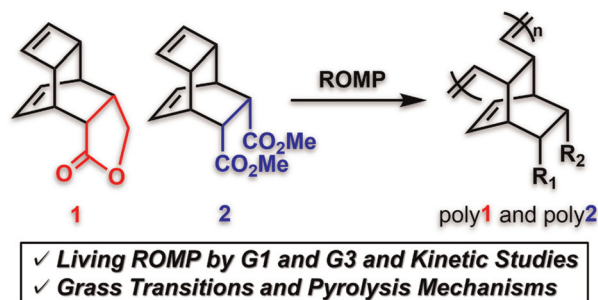
Xiangming Fu, Yanqiu Wang, Liang Xu, Atsushi Narumi, Shin-ichiro Sato, Xiande Shen* and Toyoji Kakuchi*



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Ring-opening metathesis polymerization of ester-functionalized *endo*-tricyclo[4.2.2.0^{2,5}]deca-3,9-dienes and thermal properties of the resulting polymers

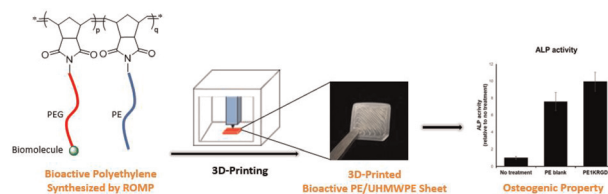
Yuta Asano, Hiromi Aoi, Hajime Ohtani, Shin-ichi Matsuoka* and Masato Suzuki



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Bioactive polyethylene synthesized by ring opening metathesis polymerization for potential orthopaedic applications

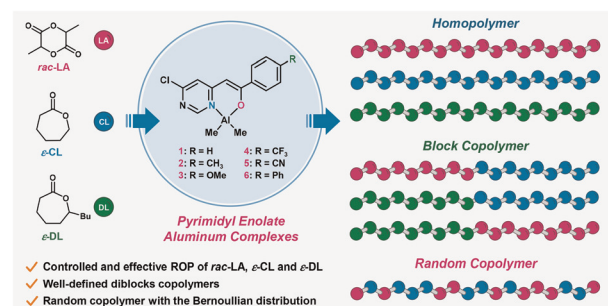
Jiayi Guo, Eun Ju Park, Yew Chin Teo, Asyraf Abbas, Denise Goh, Raymond Alexander Alfred Smith, Yuntong Nie, Hang T. L. Nguyen, Joe Poh Sheng Yeong, Simon Cool, Haruyuki Makio and Peili Teo*



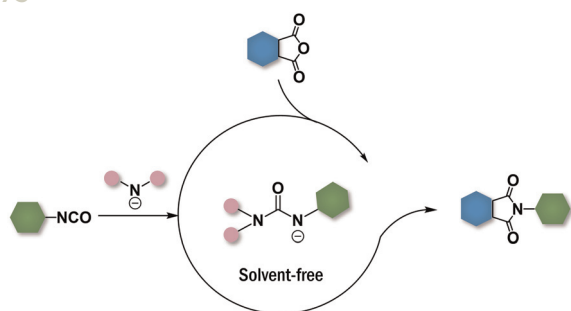
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Controlled and effective ring-opening (co)polymerization of *rac*-lactide, ϵ -caprolactone and ϵ -decalactone by β -pyrimidyl enolate aluminum complexes

Sirawan Kamavichanurat, Kunanon Jampakaew and Pimpa Hormnirun*



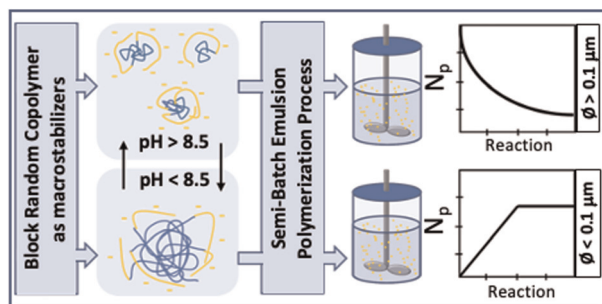
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Towards high-performance polyurethanes: a mechanism of amine catalyzed aromatic imide formation from the reaction of isocyanates with anhydrides

Yunfei Guo, Sebastian Spicher, Anna Cristadoro, Peter Deglmann, Rint P. Sijbesma* and Željko Tomović*

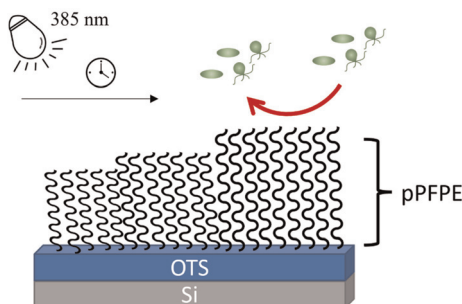
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Block-random copolymer stabilisers for semi-batch emulsion polymerisation

Arthur Werner,* Connor A. Sanders, Sandra E. Smeltzer, Sean R. George, Andreas Gernandt, Bernd Reck and Michael F. Cunningham*

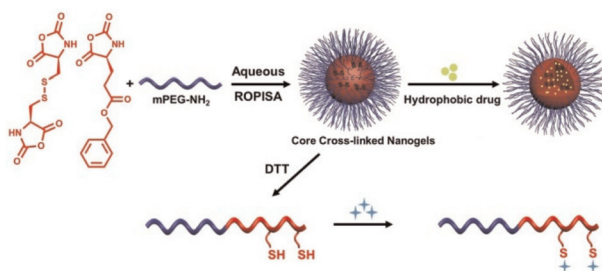
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Visible light-induced surface grafting polymerization of perfluoropolyether brushes as marine low fouling materials

Emily Manderfeld, Ajitha Balasubramaniam, Onur Özcan, Charlotte Anderson, John A. Finlay, Anthony S. Clare, Kelli Hunsucker, Geoffrey W. Swain and Axel Rosenhahn*

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One-pot preparation of polypeptide nanogels in aqueous solution via ring-opening polymerization-induced nano-gelation

Sai Xi Huang, Zi Hao Wang, Min Lin, Xiao Hui Fu* and Jing Sun*



