

# Polymer Chemistry

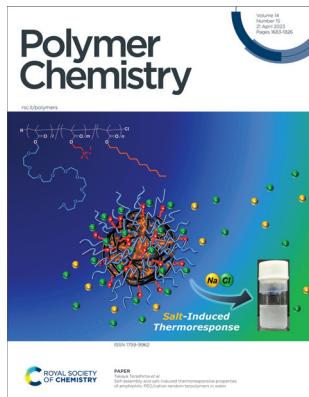
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pp. 1718–1726.

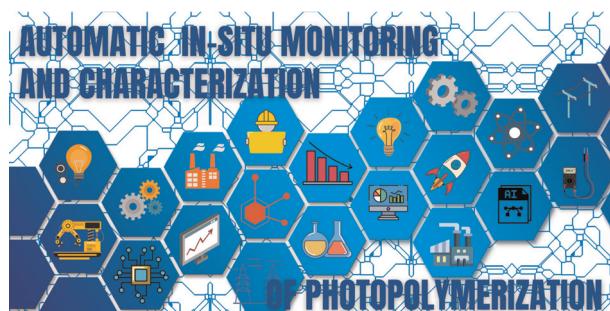
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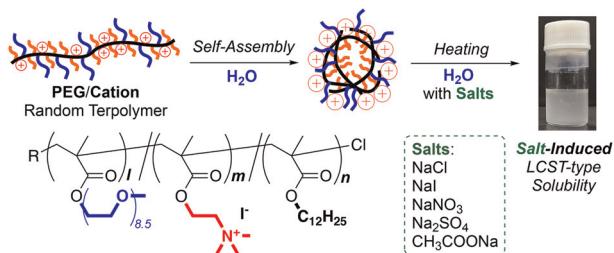


## PAPERS

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# 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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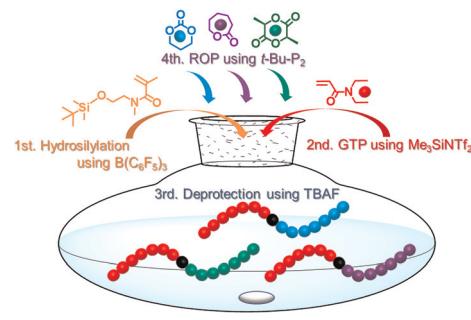


## PAPERS

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

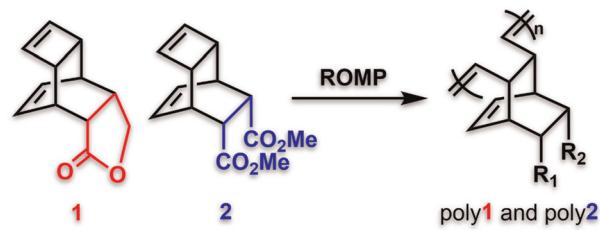
Xiangming Fu, Yanqiu Wang, Liang Xu, Atsushi Narumi, Shin-ichiro Sato, Xiande Shen\* and Toyoshi Kakuchi\*



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**Ring-opening metathesis polymerization of ester-functionalized *endo*-tricyclo[4.2.2.0<sup>2,5</sup>]deca-3,9-dienes and thermal properties of the resulting polymers**

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

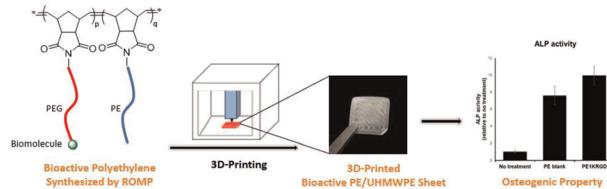


✓ Living ROMP by G1 and G3 and Kinetic Studies  
✓ Glass Transitions and Pyrolysis Mechanisms

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

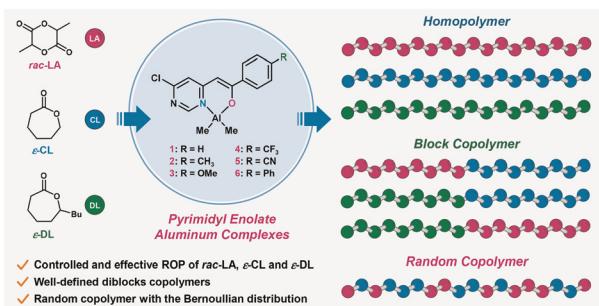
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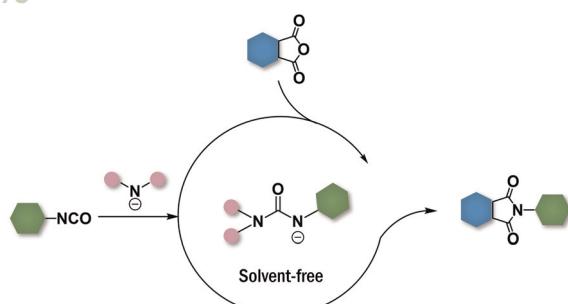
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Sirawan Kamavichanurat, Kunanon Jampakaew and Pimpa Hormmirun\*



## PAPERS

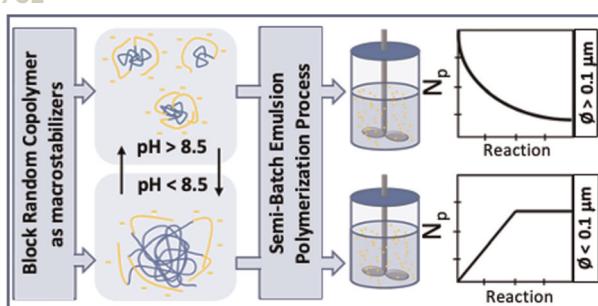
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**Towards high-performance polyurethanes: a mechanism of amine catalyzed aromatic imide formation from the reaction of isocyanates with anhydrides**

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

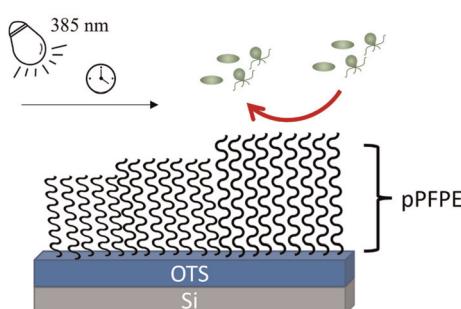
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**Block-random copolymer stabilisers for semi-batch emulsion polymerisation**

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

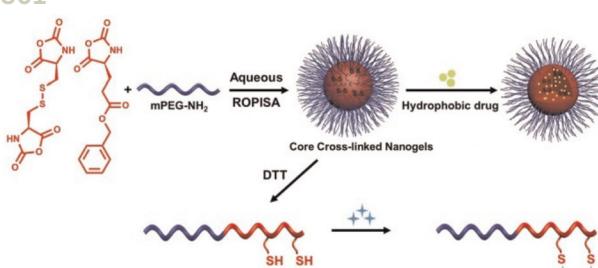
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