

Polymer Chemistry

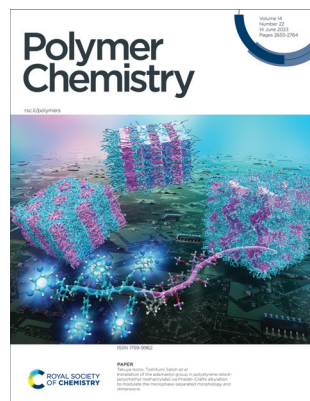
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IN THIS ISSUE

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Cover

See Takuya Isono, Toshifumi Satoh *et al.*, pp. 2675–2684.

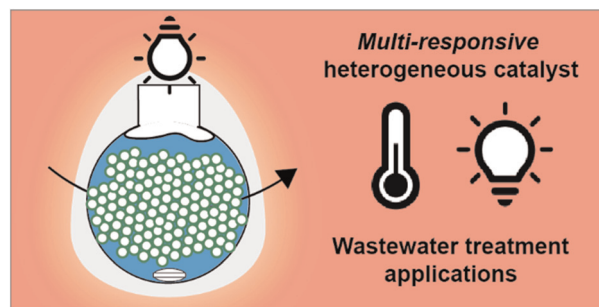
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COMMUNICATIONS

2662

Thermoresponsive polymer brush photocatalytic substrates for wastewater remediation

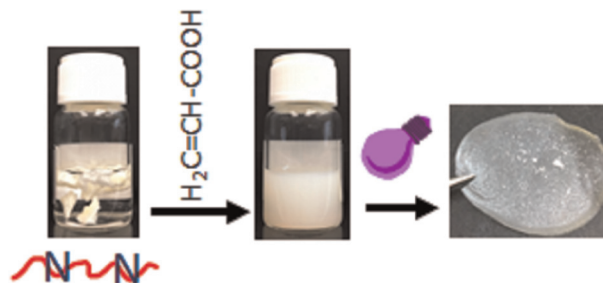
Kirsten Bell, Yiwen Guo, Samuel Barker, Seong H. Kim and Christian W. Pester*



2670

UV-curable polyurethane-acrylate hybrids made by a prepolymer-free process and free-standing polymer-metal oxide films made in a wholly water-based UV curing process

Roshan F. Dsouza and Anbanandam Parthiban*



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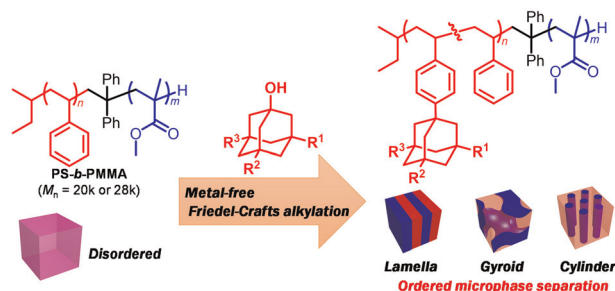


PAPERS

2675

Installation of the adamantyl group in polystyrene-*block*-poly(methyl methacrylate) via Friedel–Crafts alkylation to modulate the microphase-separated morphology and dimensions

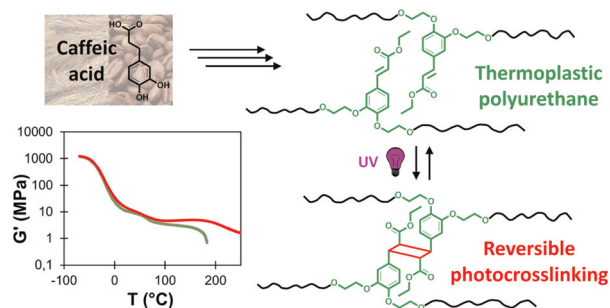
Takuya Isono,* Ema Baba, Shunma Tanaka, Ken Miyagi, Takahiro Dazai, Feng Li, Takuya Yamamoto, Kenji Tajima and Toshifumi Satoh*



2685

From thermoplastic polyurethane to covalent adaptable network via reversible photocrosslinking of a biobased chain extender synthesized from caffeic acid

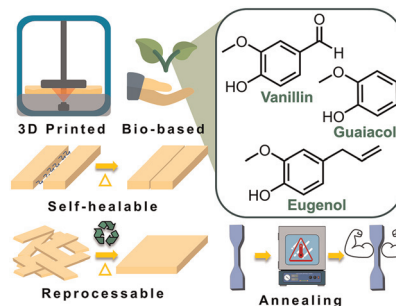
Antoine Duval* and Luc Avérus*



2697

Thermal annealing effects on the mechanical properties of bio-based 3D printed thermosets

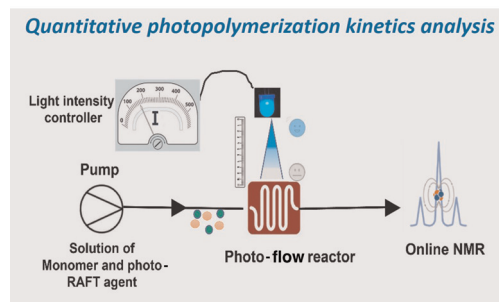
Karen P. Cortés-Guzmán, Ankit R. Parikh, Marissa L. Sparacin, Rebecca M. Johnson, Lauren Adegoke, Melanie Ecker, Walter E. Voit and Ronald A. Smaldone*



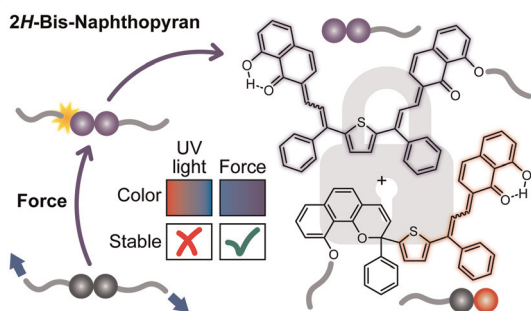
2708

Comprehensive high-throughput screening of photopolymerization under light intensity variation using inline NMR monitoring

Gayathri Dev Ammini, Jordan P. Hooker, Joren Van Herck, Anil Kumar and Tanja Junkers*



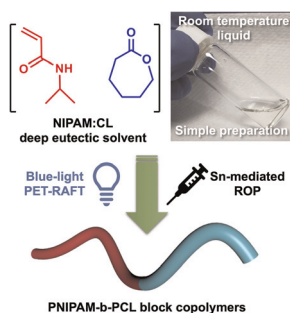
2717



Mechanochemical reactivity of a multimodal 2H-bis-naphthopyran mechanophore

Skylar K. Osler, Molly E. McFadden, Tian Zeng and Maxwell J. Robb*

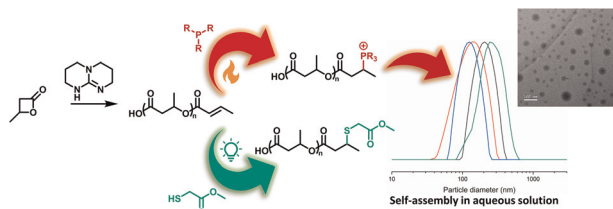
2724



Solvent-free, photoinduced block copolymer synthesis from polymerizable eutectics by simultaneous PET-RAFT and ring-opening polymerization in air

Yeasmin Nahar, Melissa K. Stanfield, Alex C. Bissember and Stuart C. Thickett*

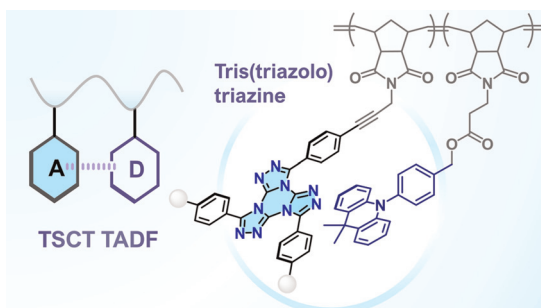
2734



Post-polymerisation modification of poly(3-hydroxybutyrate) (PHB) using thiol-ene and phosphine addition

Lucas Al-Shok, James S. Town, Despina Coursari, Paul Wilson and David M. Haddleton*

2742



Through-space charge transfer delayed fluorescence in tris(triazolo)triazine donor-acceptor copolymers

Ryoga Hojo, Bruno T. Luppi, Katrina Bergmann and Zachary M. Hudson*



2750

Degradable glycopolymers for saRNA transfectionAlessandra Monaco, Beatriz Dias Barbieri,
Gokhan Yilmaz, Robin J. Shattock* and C. Remzi Becer*