

Polymer Chemistry

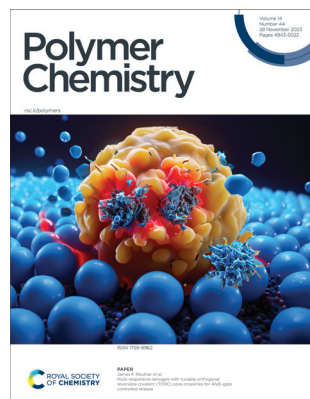
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IN THIS ISSUE

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Cover

See James F. Reuther *et al.*, pp. 4957–4969.

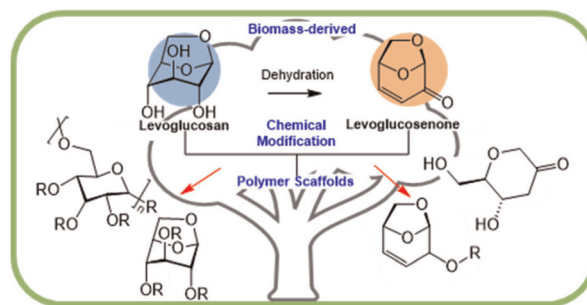
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MINIREVIEW

4949

Levoglucosan and levoglucosenone as bio-based platforms for polymer synthesis

Melissa K. Stanfield,* Rhiannon S. Terry, Jason A. Smith and Stuart C. Thickett*

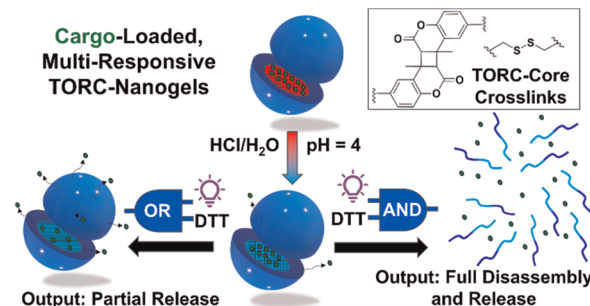


PAPERS

4957

Multi-responsive nanogels with tunable orthogonal reversible covalent (TORC) core-crosslinks for AND-gate controlled release

Shayesteh Tafazoli, Ali Shahrokhinia, Sahaj Rijal, Jaelese Garay, Randall A. Scanga and James F. Reuther*



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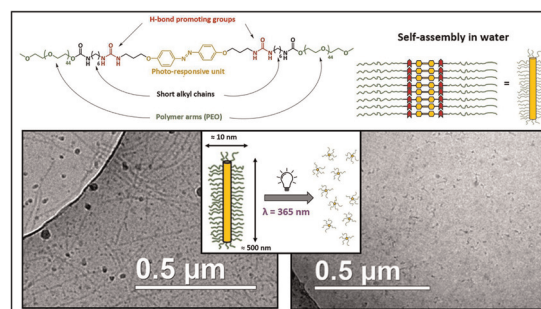


PAPERS

4970

Photo-responsive disassembly of supramolecular polymer bottlebrushes in water

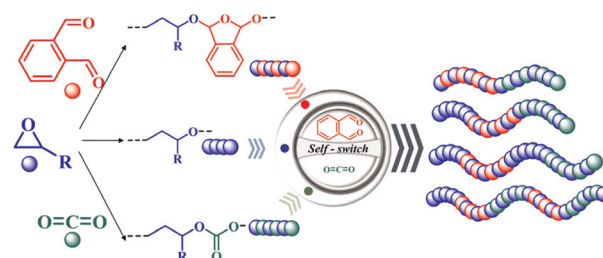
Luke Harvey, Jean-Michel Guigner, Laurent Bouteiller, Erwan Nicol* and Olivier Colombani*



4979

Monomer-controlled self-switchable polymerization: a metal-free strategy for synthesizing multiblock copolymers from epoxides, O-phthalaldehyde, and CO₂

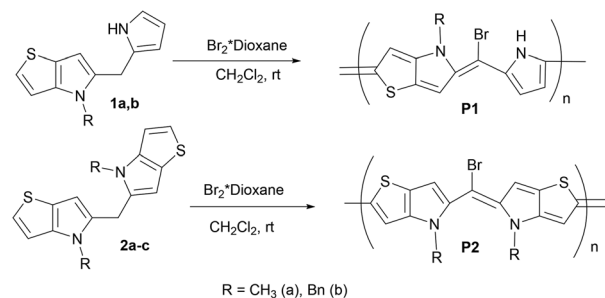
Qi Zhang, Mingxin Niu, Haotian Zhang, Chenyang Hu* and Xuan Pang*



4986

New polymers based on thieno[3,2-*b*]pyrrole derivatives and their electrochemical properties

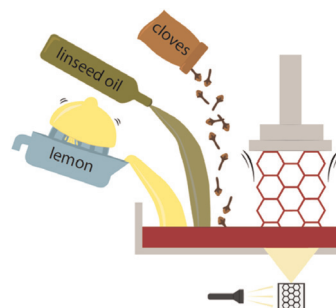
Mansur S. Miftakhov, Seda A. Torosyan, Fanuza A. Gimalova,* Sergey L. Khursan, Zoya F. Nuriakhmetova, Elena V. Shchurik, Olga. A. Kraevaya, Aleksandr F. Shestakov and Pavel A. Troshin



4994

Synthesis and characterization of bio-based transesterification catalysts for green 3D-printable dynamic photopolymers

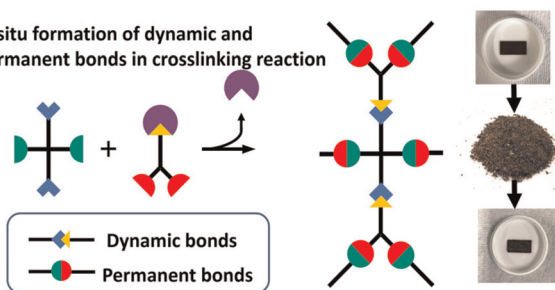
Bernhard Sölle, Usman Shaukat, Elisabeth Rossegger* and Sandra Schlögl*



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5004

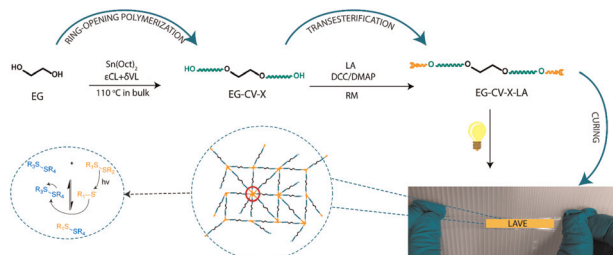
In situ formation of dynamic and permanent bonds in crosslinking reaction



An effective approach for the preparation of epoxy vitrimers by *in situ* formation of dynamic and permanent linkages in a one-pot curing reaction

Du-Yuan Hung, Jia-Jun Lee and Ying-Ling Liu*

5014



Lipoic acid-based vitrimer-like elastomer

Xiaohong Lan, Laura Boetje, Théophile Pelras, Chongnan Ye, Fitrilia Silvianti and Katja Loos*

