Polymer Chemistry

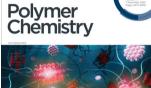
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Cover

See Takehiro Kawauchi et al.. pp. 4529-4536.



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REVIEW

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Smart polymers for 3D printing applications: current status and future outlook

Nishikanta Singh, Priyank Sinha, Durgesh Kumar Sinha and Sanjib Banerjee*

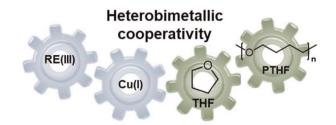


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Rare earth-transition metal cooperativity in the ring-opening polymerisation of tetrahydrofuran

Rwitabrita Panda, Fabian Rang, Franziska Flecken, Patrick Weis, Sven Schneider, Patrick Théato and Schirin Hanf*







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Fundamental questions Elemental answers

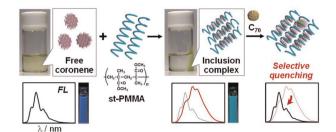
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Modulating the luminescence properties of coronene molecules via inclusion complex formation with helical syndiotactic poly(methyl methacrylate)

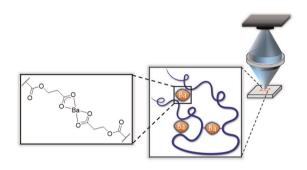
Kosei Nakata, Ryunosuke Yamamoto, Ituki Tousya, Asumi Koizumi, Takuto Adachi, Takeshi Maeda and Takehiro Kawauchi*



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Control over Ba(II)-mediated single-chain polymer nanoparticle compaction by dynamic metal complexation

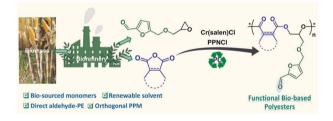
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Renewable hydroxymethylfurfural epoxide and cyclic anhydride copolymerization: a green route to functional biobased polyesters

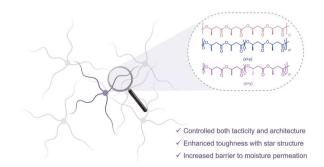
Mani Sengoden, Vanaparthi Satheesh, Sriparna Sarkar and Donald J. Darensbourg*



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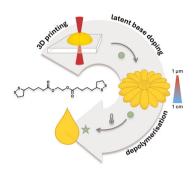
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High resolution light-based 3D printing of a bio-sourced monomer with tuneable depolymerisation

Pia S. Klee, Samantha O. Catt, Lea Sielaff and Eva Blasco*

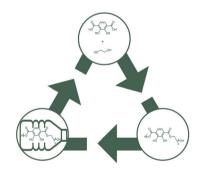
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Structure-property relationships in bio-based polyhydroxyurethanes

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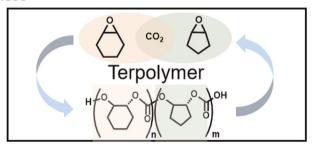
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Designing catechol-poly(ethylene terephthalate) as a depolymerizable adhesive for PET packaging

Tan H. B. Nguyen, Corey T. Chiu, William Renter, Ferley Orozco, Paul F. Egan and Samantha L. Kristufek*

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Qinwen Wang, Tianhao Wu, Bo Li* and Guang-Peng Wu*