

# Polymer Chemistry

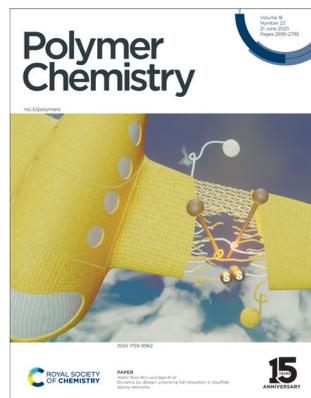
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## IN THIS ISSUE

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### Cover

See Alaitz Ruiz de Luzuriaga *et al.*, pp. 2701–2717.

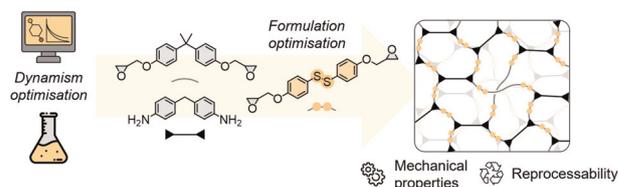
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## PAPERS

2701

### Dynamic by design: unlocking full relaxation in disulfide epoxy networks

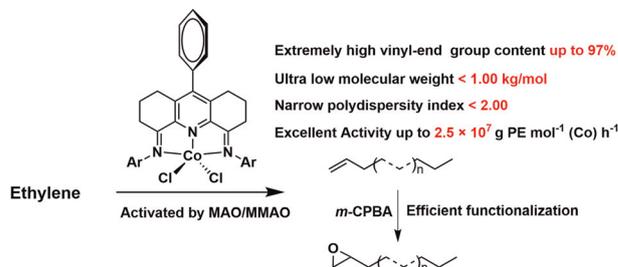
Paula Fanlo, Osman Konuray, Olaia Ochoteco, Marta Ximenis, Alaitz Rekondo, Hans Jürgen Grande, Xavier Fernández-Francos, Haritz Sardon and Alaitz Ruiz de Luzuriaga\*



2718

### Ultra-low-molecular-weight PE wax using a cyclohexyl-fused bis(imino)pyridine-cobalt catalyst functionalized with a remote *para*-phenyl group

Yizhou Wang, Zheng Wang, Qiuyue Zhang, Quanchao Wang, Gregory A. Solan,\* Xuelel Duan, Yanping Ma, Jiahao Gao, Zhe Zhou and Wen-Hua Sun\*



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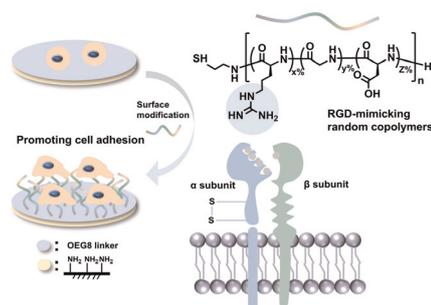


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2732

### RGD peptide-mimicking random copolymers synthesized via rapid and controllable NCA polymerization to promote cell adhesion

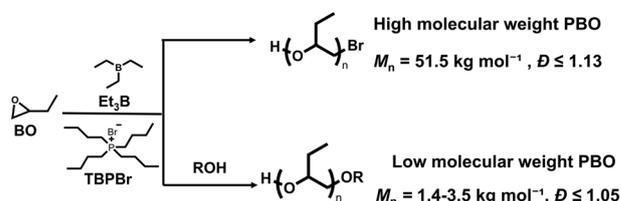
Wenhui Dai, Yueming Wu,\* Kang Chen, Xinyi Xie, Luhang Chen, Minzhang Chen, Jiangzhou Wang, Dan Wang and Runhui Liu\*



2742

### Commercial organic Lewis-pair catalysts for efficient ring-opening polymerization of 1,2-butylene oxide

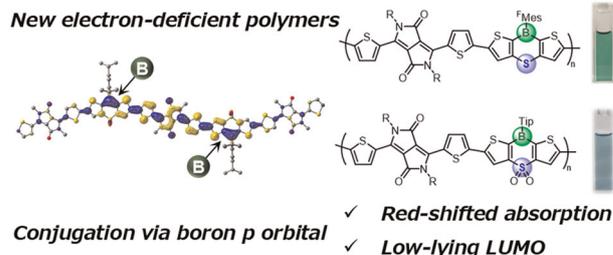
Xianqiang Zeng, Chen Liu, Xue Wang, Yan Cao, Zheng Zheng, Peng He, Huiquan Li and Liguang Wang\*



2751

### Synthesis of electron-deficient polymers based on sulfur-bridged dithienylboranes as a building block

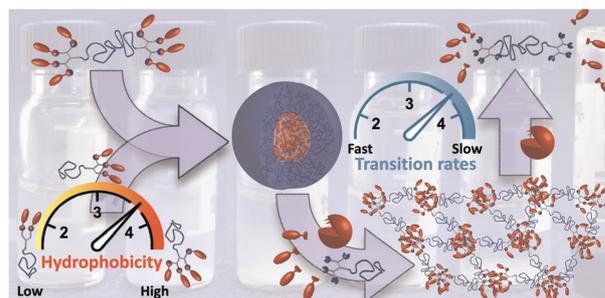
Yohei Adachi,\* Ryuji Matsuura, Mitsuru Sakabe, Hiroki Tobita, Hideki Murakami and Joji Ohshita\*



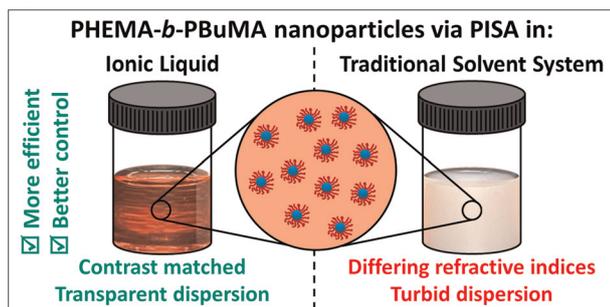
2757

### Programming cascade mesophase transitions of enzyme-responsive formulations via molecular engineering of dendritic amphiphiles

Krishna Vippala, Nicole Edelstein-Pardo, Shahar Tevet, Parul Rathee, Gil Koren, Roy Beck and Roey J. Amir\*



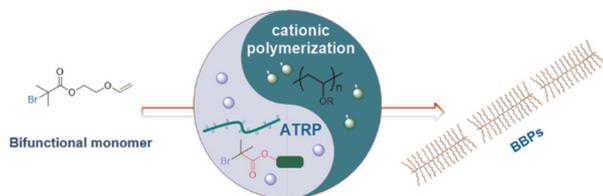
2767



### Transparent diblock copolymer nanoparticle dispersions via efficient RAFT emulsion polymerisation in ionic liquid

Anisha Patel, Georgia L. Maitland, Evelina Liarou, Paul D. Topham and Matthew J. Derry\*

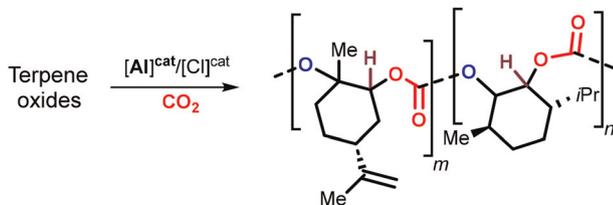
2778



### "Grafting-from" synthesis of polyvinyl ether bottlebrush polymers via a combination of cationic polymerization and ATRP

Junqi Huang, Wenpei Xiao, Zan Yang, Xi Yan, Liuyin Jiang\* and Saihu Liao\*

2784



control over *m:n* ratio • use of different (a)cyclic terpenes • selective and quantitative depolymerization

### Synthesis and depolymerization studies of biohybrid polycarbonates derived from terpenes

Thirusangumurugan Senthamarai, Enrico Lanaro, Jack Tinker, Antoine Buchard and Arjan W. Kleij\*

