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## IN THIS ISSUE

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Cover

See Bibiao Jiang,  
Sridhar Komarneni *et al.*,  
pp. 3679–3685

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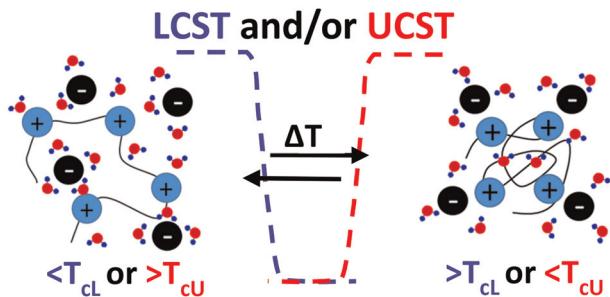
## REVIEW

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3647

## Thermoresponsive polycations

Vikram Baddam and Heikki Tenhu\*

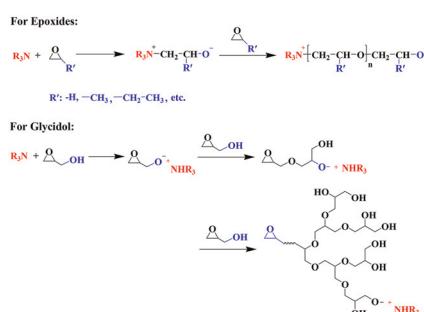


PAPERS

3679

## Ring-opening mechanism of epoxides with alcohol and tertiary amines

Yongzhuang Du, Xiaoqiang Xue, Qimin Jiang,  
Wenyan Huang, Hongjun Yang, Li Jiang, Bibiao Jiang\*  
and Sridhar Komarneni\*



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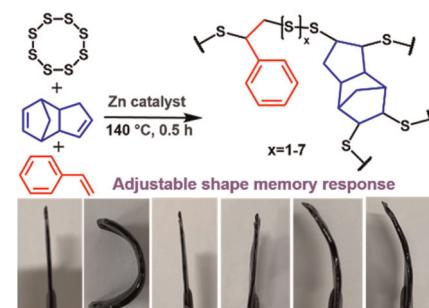


## PAPERS

3686

**Sulfur-rich polymers with heating/UV light-responsive shape memory and temperature-modulated self-healing**

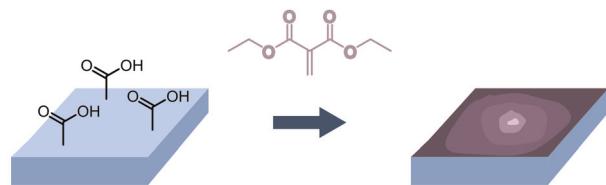
Zhao Yang, Peiyao Yan, Xiaohu Li, Congcong Miao, Shanshan (Diana) Cai, Weigang Ji, Mengyuan Song, Liam J. Dodd, Xiaofeng Wu,\* Tom Hasell\* and Pengfei Song\*



3695

**Anionic polymerization and transport of diethyl methylidene malonate on polyolefin copolymer surfaces**

Kelsi M. S. Rehmann, John Klier and Jessica D. Schiffman\*

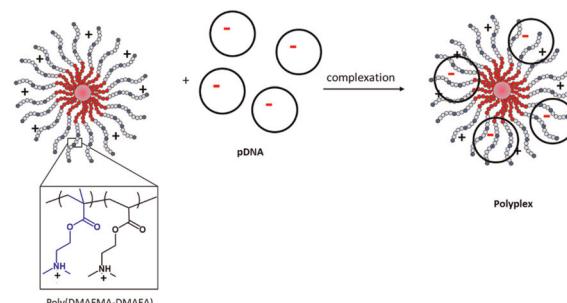


- Initiator concentration impacts monomer transport rate
- Grafting from substrates with minimal surface treatment

3707

**Cationic star copolymers obtained by the arm first approach for gene transfection**

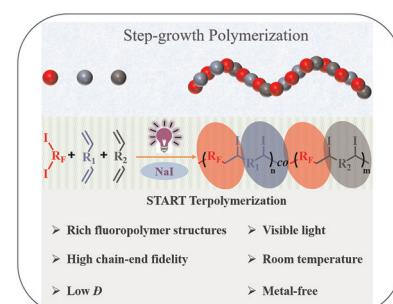
Fannie Burgevin, Alexia Hapeshi, Ji-Inn Song, Marta Omedes-Pujol, Annette Christie, Christopher Lindsay and Sébastien Perrier\*



3718

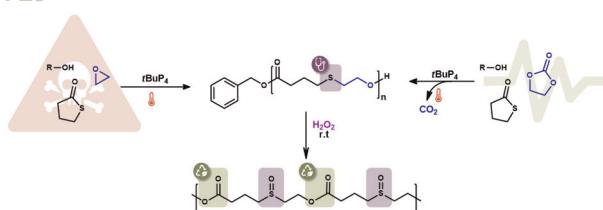
**Visible-light mediated synthesis of main-chain-type semifluorinated alternating terpolymers by NaI catalyzed START polymerization**

Chaojie Li, Jiannan Cheng, Yi Zhang, Qing Yu, Zhiru Yuan, Weiwei He,\* Xiaoguang Bao, Lifen Zhang\* and Zhenping Cheng\*



## PAPERS

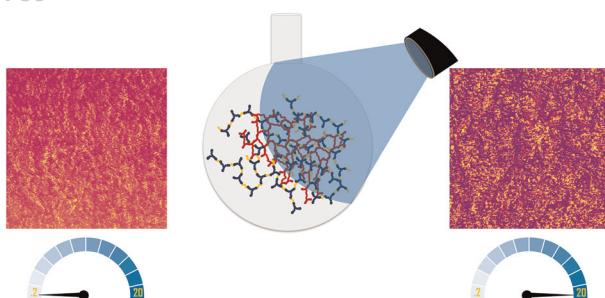
3729



**$\gamma$ -Thiobutyrolactone – ethylene carbonate decarboxylative copolymerization, an original pathway to prepare aliphatic oxidizable poly( $\gamma$ -thioether ester)**

Emma Mongkhoun, Philippe Guégan and Nicolas Illy\*

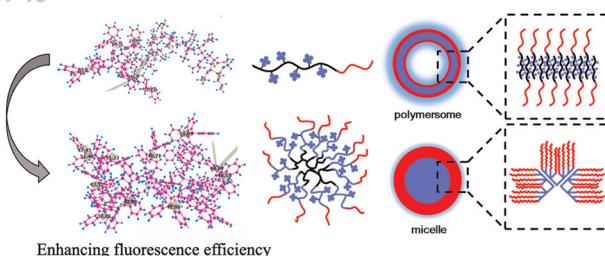
3739



**CuAAC–methacrylate interpenetrating polymer network (IPN) properties modulated by visible-light photoinitiation**

Mukund Kabra and Christopher J. Kloxin\*

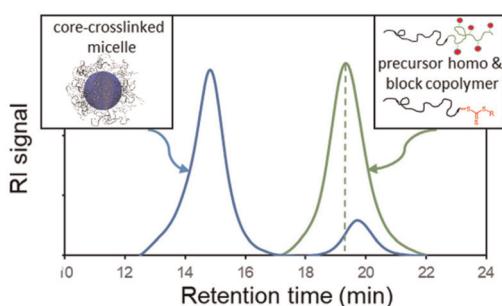
3749



**Investigating AIE behaviors of amphiphilic AIegen-based polymers through self-assembly architectures and hydrophobic core arrangements**

Liang Wang, Ghada E. Khedr, Lei Luo, Shiling Zhang, Zhiying Li, Shanmeng Lin, Jinyan Luo, Qi Xing\* and Jin Geng\*

3761



**Synthesis of redox-responsive core–shell nanoparticles: insights into core-crosslinking efficiency**

Yannik Olszowy, Janick Wesselmann, Shenja Fabienne Over, Florian Pätzold and Ralf Weberskirch\*

