

Polymer Chemistry

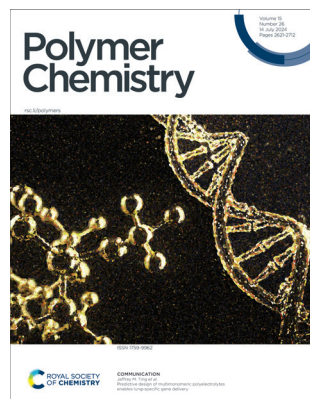
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See Jeffrey M. Ting *et al.*, pp. 2627–2633.

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COMMUNICATION

2627

Predictive design of multimonomeric polyelectrolytes enables lung-specific gene delivery

Jeffrey M. Ting,* John D. Fisher, Tyler Conyers, Suteja Patil, Catherine G. Robohn, Teresa Tamayo-Mendoza, Felipe Oviedo and Shashi K. Murthy



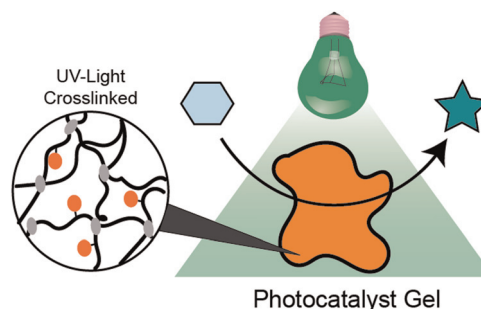
New Era in Polymers for Gene Delivery

PAPERS

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UV-light crosslinked photocatalytic polymer gels for batch and continuous flow reactions

Sarah Freeburne and Christian W. Pester*



ChemComm

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every step of scientific progress

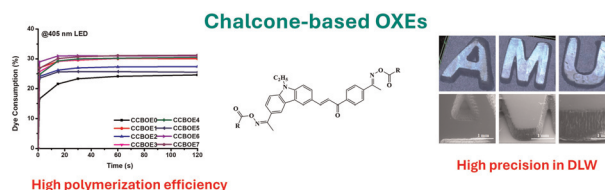
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Fundamental questions
Elemental answers

2642

Synthesis of carbazole–chalcone bis-oxime esters (CCBOEs) as blue light photoinitiators of polymerization

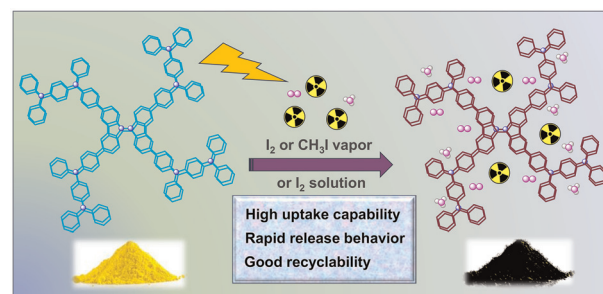
Zheng Liu, Yijun Zhang, Ji Feng, Bin Song, Tong Gao, Céline Dietlin, Fabrice Morlet-Savary, Michael Schmitt, Didier Gimes, Frédéric Dumur* and Jacques Lalevée*



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Novel nitrogen-rich conjugated microporous polymers for efficient capture of iodine and methyl iodide

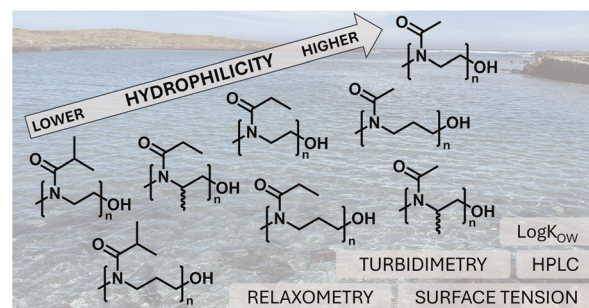
Jiaxin Yang, Shenglin Wang, Qianqian Yan, Hui Hu,* Huanjun Xu, Haibin Ma,* Xiaofang Su and Yanan Gao*



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Comparison of the hydrophilicity of water-soluble poly(2-alkyl-2-oxazoline)s, poly(2-alkyl-2-oxazine)s and poly(2,4-dialkyl-2-oxazoline)s

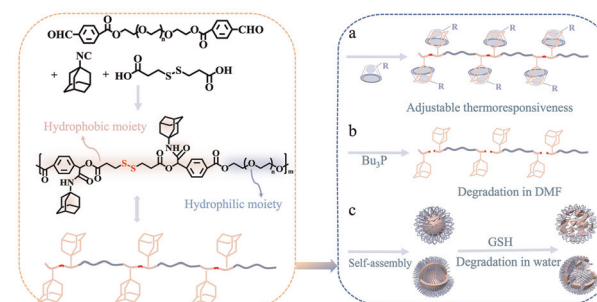
Kelly Mint, Joshua P. Morrow, Nicole M. Warne, Xie He, David Pizzi, Shaffiq Zainal Osman Shah, Gregory K. Pierens, Nicholas L. Fletcher, Craig A. Bell, Kristofer J. Thurecht* and Kristian Kempe*



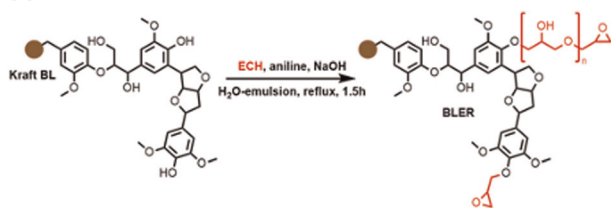
2677

Degradable polymers with adjustable thermoresponsiveness based on multicomponent polymerization and molecular recognition

Yue Zhang,* Shasha Liu and Changlan Xu



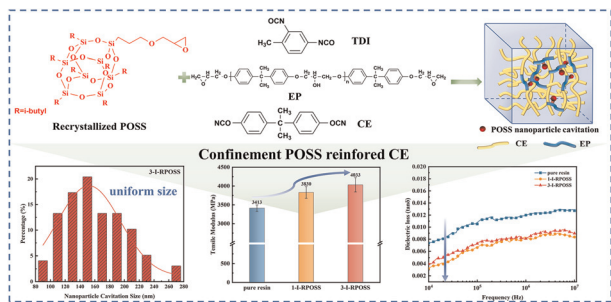
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Flexing with lignin: lignin-based elastomers synthesised from untreated kraft black liquor

Philip Verdross, Robert T. Woodward* and Alexander Bismarck*

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Controllable confinement nano-reinforced organic–inorganic cyanate ester resins with optimal modulus and dielectric properties trade-offs

Yushan Wu, Yu Xiang, Hantian Lu, Faxiang Qin, Peng Xu* and Hua-Xin Peng

