

# Polymer Chemistry

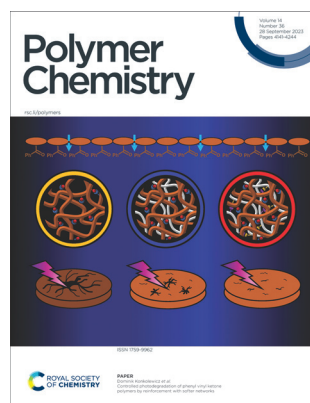
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### Cover

See Dominik Konkolewicz  
*et al.*, pp. 4160–4168.

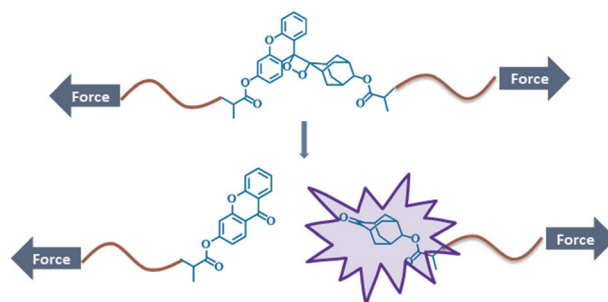
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## COMMUNICATIONS

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### Mechanically induced chemiluminescence of xanthene-modified 1,2-dioxetane in polymers

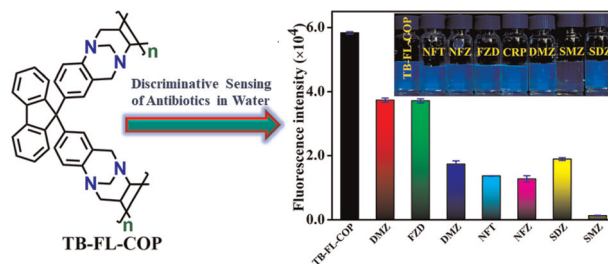
Yanbing Shen, Yuan Yuan,\* Xiaonan Ma, Wensheng Yang and Yulan Chen\*



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### Tröger's base-containing fluorenone organic polymer for discriminative fluorescence sensing of sulfamethazine antibiotic at ppb level in the water medium

Ananthu Shanmughan, Mini Ajith Nithasha, Binduja Mohan, Deivasigamani Umadevi\* and Sankarasekaran Shanmugaraju\*



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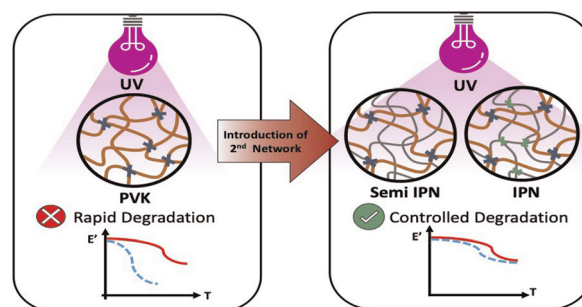
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### Controlled photodegradation of phenyl vinyl ketone polymers by reinforcement with softer networks

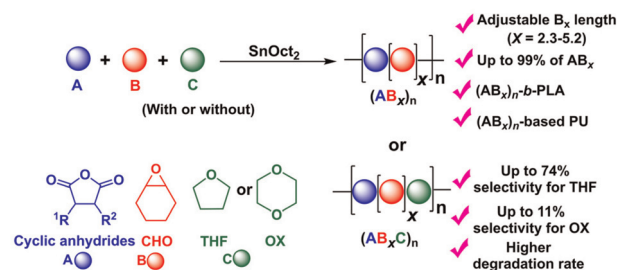
Nethmi De Alwis Watuthantrige, M. A. Sachini N. Weerasinghe, Zachery Oestreicher and Dominik Konkolewicz\*



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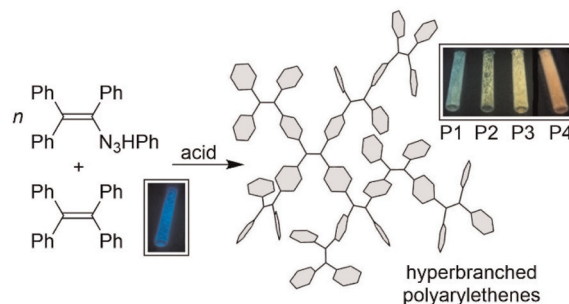
Nattawat Jabprakon, Phongnarin Chumsaeng and Khamphree Phomphrai\*



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### Synthesis of hyperbranched polyarylethenes by consecutive C–H vinylation reactions

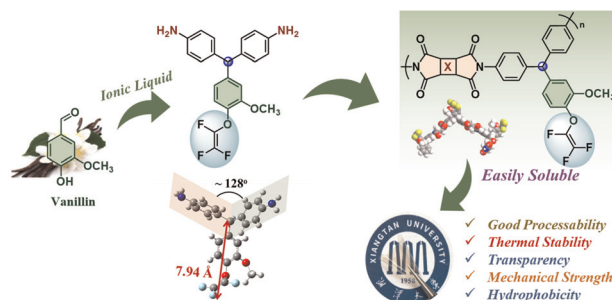
Anastasia Yu. Gitlina, Albert Ruggi and Kay Severin\*



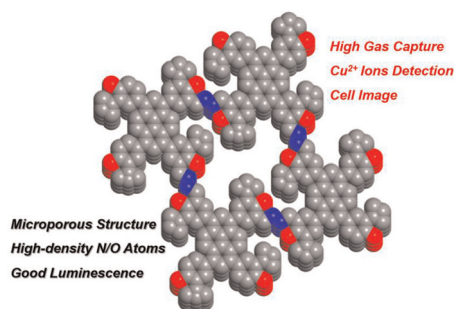
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### Soluble and cross-linkable polyimides from a vanillin-derived diamine: preparation, post-polymerization and properties

Weixian Zhang, Qihua Wu, Wen Shao, Fangyu Li, Hongzhu Chen, Yong Pei and Jiajia Wang\*



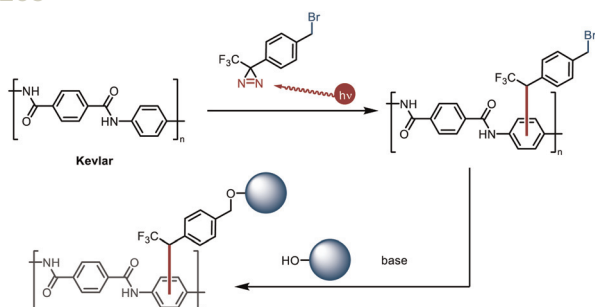
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### Multifunctional porous organic polymers as ideal platforms for gas uptake, metal-ions sensing, and cell imaging

Yuwei Zhang, Ziping Li, Chunyu Zhang, Chao Xie, Changqing Li, Qikun Sun, Zhongping Li,\* Hong Xia and Xiaoming Liu\*

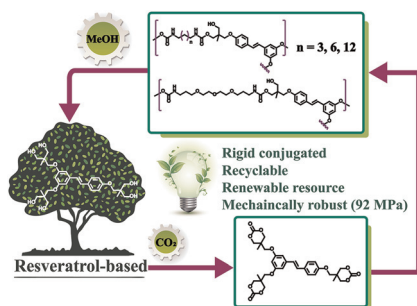
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Richard Y. Liu, Shao-Xiong Lennon Luo, Elizabeth S. Hirst, Christopher J. Doona\* and Timothy M. Swager\*

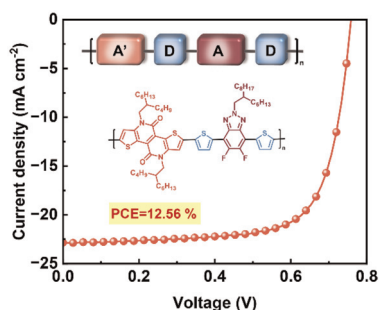
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Pengcheng Miao, Xuefei Leng,\* Jie Liu, Xiaobo Xu and Yang Li\*

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Shengwei Shen, Qisheng Tu, Hongxin Tao, Yunlong Ma\* and Qingdong Zheng\*



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Yuanzheng Mu, Guoqiang Kuang, Cheng Yuan, Lei Wu, Yue Kang,\* Tian Ma, Yijie Tao\* and Shiguo Zhang\*

