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### IN THIS ISSUE

ISSN 1759-9962 CODEN PCOHC2 15(2) 49-120 (2024)

**15**, 59.



**Cover** See Zhiyuan Zhao, Huajie Chen *et al.*, pp. 59–70.



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### COMMUNICATION

### 54

A dual action coumarin-camptothecin polymer for light responsive drug release and photodynamic therapy

Paige A. Shaw, Maxime Klausen\* and Mark Bradley\*





- ✓ Water soluble polymer-drug conjugate
- ✓ Photo-uncaging of camptothecin
- ✓ Photodynamic effect (ROS)
  ⇒ Dual action anticancer phototherapy

### PAPERS

### 59

Synthesis and charge-transport properties of novel  $\pi$ -conjugated polymers incorporating core-extended naphtho[2,1-*b*:3,4-*b*']dithiophene diimides

Lingli Zhao, Yanyan Cao, Hanwen Qin, Xi He, Zhiyuan Zhao,\* Yunlong Guo and Huajie Chen\*



hv(365 nm)

Novel aromatic diimide based polymers



# **RSC Applied Polymers**

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### PAPERS

#### 71 Polycondensations and cyclization of poly(L-lactide) ethyl esters in the solid state Steffen M. Weidner, Andreas Meyer, Jana Falkenhagen and Hans R. Kricheldorf\* EtOOC HO-CH EtOOC HO-CH

### 83

### Multi-tunable thermoresponsive behaviors of poly(amido thioether)s

Lu Lian, Qingqing Wang, Fujin Duan and Youliang Zhao\*



annealing

loops

rings

CH-OF

COOF

сн-он

co

4

0

co

co

6

EtOOC

 $\checkmark$  Unique UCST behavior of PATC solutions insensitive to  $c_{\rm p}$  and high  $c_{\rm NaCl}$ 

### 97

### Facile synthesis of N-phenoxycarbonyl amino acids by a two-phase reaction for direct polymerization

Donghui Zhang,\* Shiqi Liu, Zhihao Cai, Weizhe Luo, Guojian Liu and Runhui Liu\*



### 106

From RAFT emulsion polymerization to RAFT dispersion polymerization: a facile approach to tuning dispersities and behaviors of self-assembled block copolymers

Junpeng Cao, Yanling Li, Yingxin Tan, Li Zhang and Jianbo Tan\*

