Polymer Chemistry

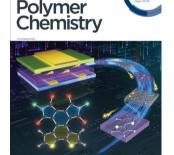
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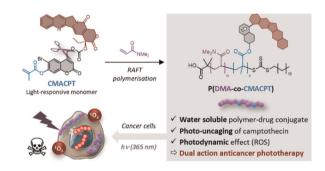
Cover See Zhiyuan Zhao, Huajie Chen et al., pp. 59-70.

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COMMUNICATION

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

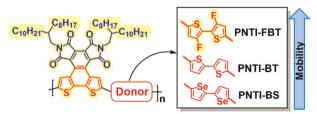
Paige A. Shaw, Maxime Klausen* and Mark Bradley*



PAPERS

Synthesis and charge-transport properties of novel π -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*



Novel aromatic diimide based polymers



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Fundamental questions Elemental answers

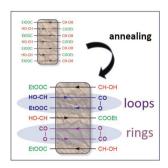
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PAPERS

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Polycondensations and cyclization of poly(L-lactide) ethyl esters in the solid state

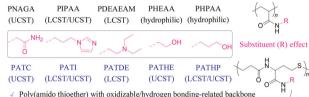
Steffen M. Weidner, Andreas Meyer, Jana Falkenhagen and Hans R. Kricheldorf*



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

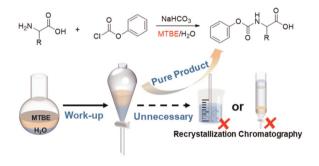
Lu Lian, Qingqing Wang, Fujin Duan and Youliang Zhao*



- ✓ Composition/concentration/stimuli/blending-tunable LCST/UCST behavior
- \checkmark Unique UCST behavior of PATC solutions insensitive to $c_{\rm p}$ and high $c_{
 m NaCl}$

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*



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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*

