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REVIEW

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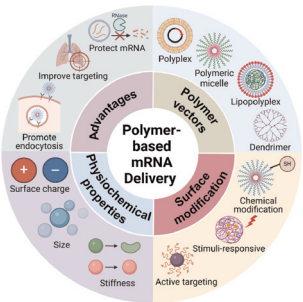
Rational design of polymer-based mRNA delivery systems for cancer treatment

Qianyu Wan, Yuji Sun, Xuanrong Sun* and Zhuxian Zhou*



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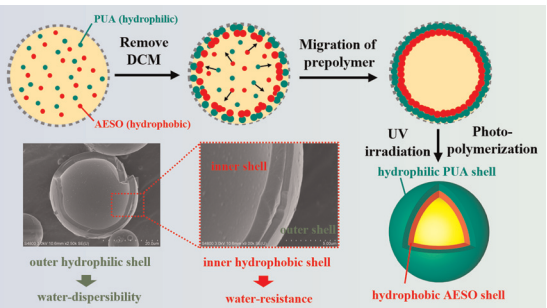
One-step preparation of hydrophilic–hydrophobic asymmetric bilayer microcapsules *via* photopolymerization

Kaiyun Wu, Yongbin He, Jiangqing Liu, Guanqing Sun, Ren Liu and Jing Luo*



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PAPERS

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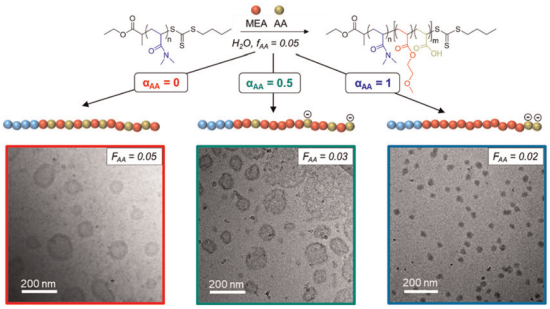
Effect of pH on the incorporation of acrylic acid units in the core of polymer nanoparticles prepared by PISA and on their morphology

Clément Debrie, Noémie Coudert, Jean-Michel Guigner, Fanny Coumes, Clément Guibert, Simon Harrisson, François Stoffelbach, Olivier Colombani* and Jutta Rieger*



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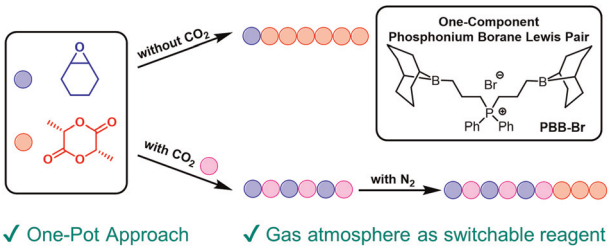
A one-pot approach towards polycarbonate-*b*-polyester block copolymers *via* chemoselective polymerization catalyzed by a one-component phosphonium borane Lewis pair

Yutao Li, Xinhui Kou, Xiaowu Wang,* Lin Xia* and Zhibo Li*



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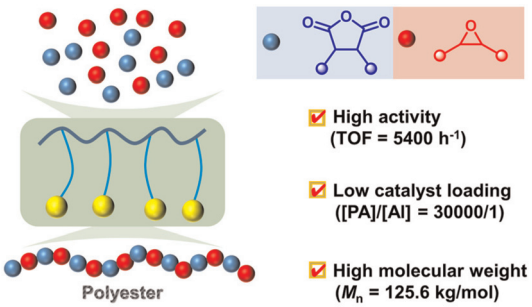
Highly active aggregate catalysts for the synthesis of high-molecular-weight polyesters *via* copolymerization of epoxides and cyclic anhydrides

Liehang Yang, Shunjie Liu,* Peixin Fan, Fengxiang Gao, Xuan Pang, Xuesi Chen and Xianhong Wang*



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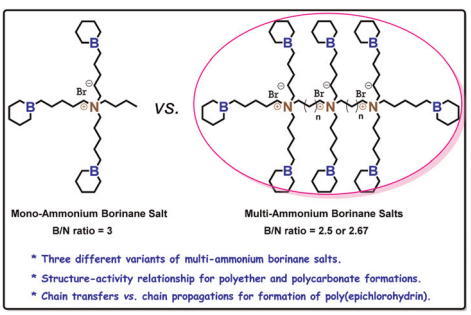
Exploring borinane-based multi-ammonium salts for epoxide (co)polymerization: insights into the structure–activity relationship

Vamshi K. Chidara, Yves Gnanou* and Xiaoshuang Feng*



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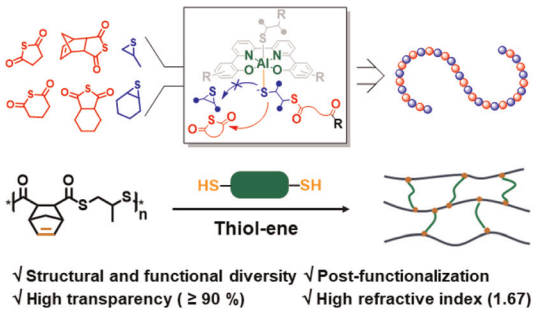
PAPERS

2502



Cyclic thioanhydride/episulfide copolymerizations catalyzed by bipyridine-bisphenolate aluminum/onium pair: approach to structurally and functionally diverse poly(thioester)s

Kaixiang Han, Mingqian Wang, Zhiqiang Ding, Zijing Zhou, Bin Wang* and Yuesheng Li

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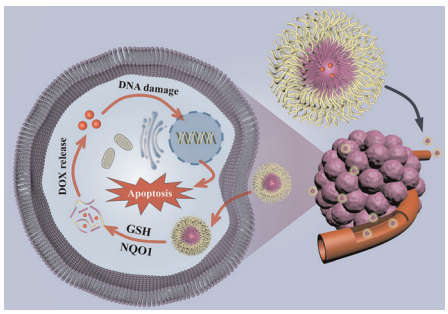

A dual-responsive polyurethane nanocarrier for drug release triggered by intracellular GSH and NQO1 enzyme

Shuai Yang, Jinhai Xie, Dongdong Wang, Shuangyu Tian, Yaodong Di and Lesan Yan*

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