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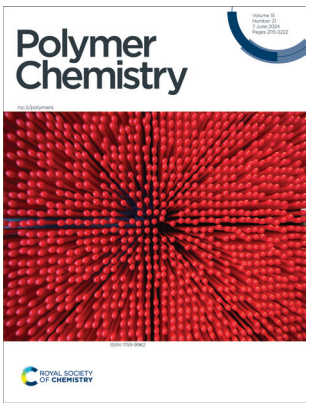

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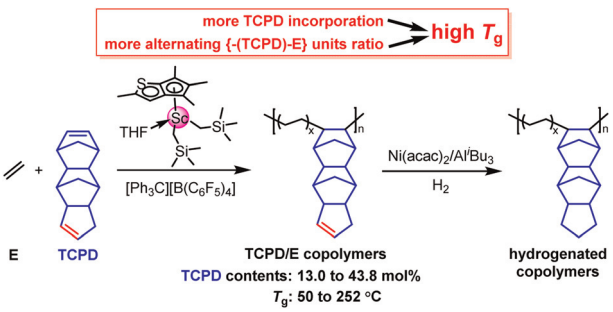
PAPERS

2121

Copolymerization of tricyclopentadiene and ethylene catalyzed by thiophene-fused-heterocyclic cyclopentadienyl scandium complexes

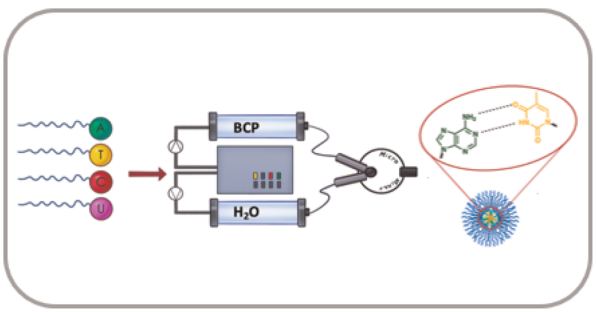
Lingyan Huang, Shunan Zhang, Chunji Wu, Pan He* and Baoli Wang*



2129

Synthesis of nucleobase functionalised block copolymers towards precision self-assembly

Iyomali Abeysekera, Lowie Maes and Tanja Junkers*



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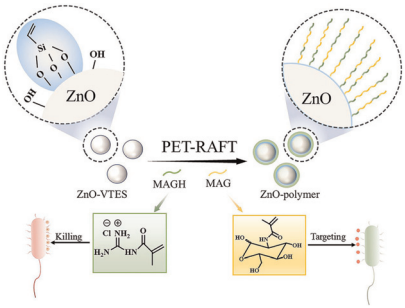
PAPERS

2140

In situ PET-RAFT polymerization to prepare guanidine-and-carbohydrate modified ZnO nanoparticles

Junyan Zhao, Yu Rao, Hengyuan Zhang, Zhichen Zhu, Lihua Yao, Gaojian Chen* and Hong Chen*



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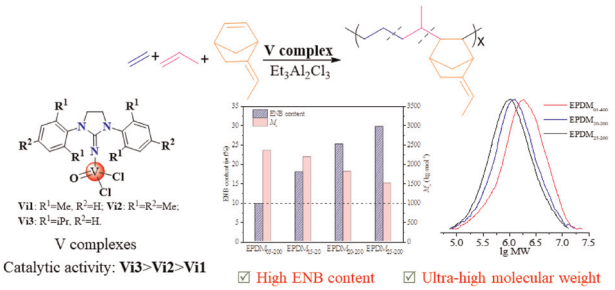
Imidazolidin-2-iminato vanadium complexes for the synthesis of ethylene/propylene/5-ethylidene-2-norbornene (ENB) terpolymers with high ENB incorporation and ultra-high molecular weight

Xiao-Yu Zhang, Hao-Liang Li, Bo Xiang, Xiang-Wei Liu, Shu Zhang* and Yi-Xian Wu*



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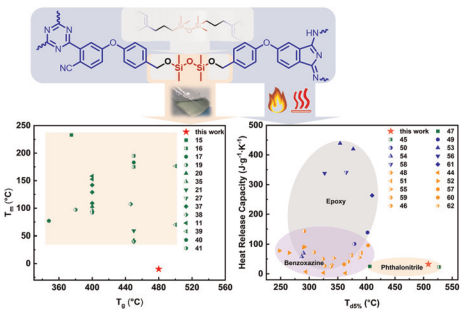
Rediscovering phthalonitrile resins: a novel liquid monomer towards high-performance resins

Muyao Gao, Qian Wu, Tianhao Li, Li Liu, Bing Li,* Yujie Song* and Ming Liu*



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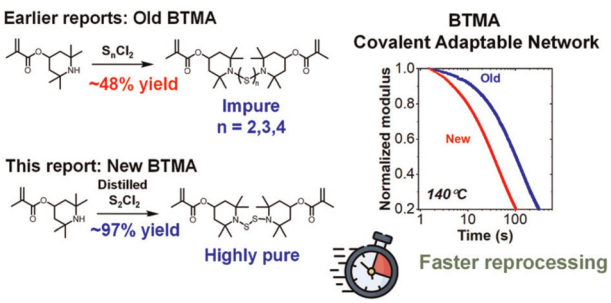
BiTEMPS methacrylate dynamic covalent cross-linker providing rapid reprocessability and extrudability of covalent adaptable networks: high-yield synthesis with strong selectivity for disulfide linkages

Tapas Debsharma, Nathan S. Purwanto, Logan M. Fenimore, Sarah Mitchell, Jayme Kennedy and John M. Torkelson*



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PAPERS

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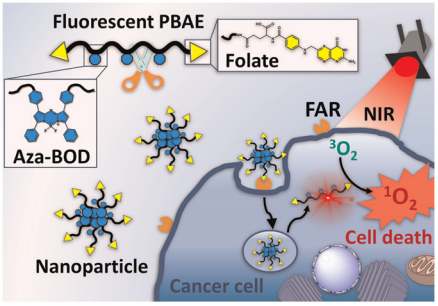

Fluorescent poly(β-amino ester)s containing aza-BODIPYs as theranostic agents for bioimaging and photodynamic therapy

Seyma Sari, Sena Ünver, Timucin Avsar, Şennur Özçelik, Turker Kilic and Muhammet U. Kahveci*

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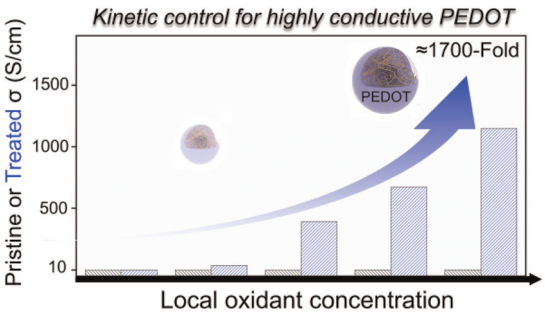

Kinetic control in the synthesis of highly conductive solution-processable PEDOTs

Ziyi Guo, Jingming Tang, Jingyuan Yao and Yuda Li*

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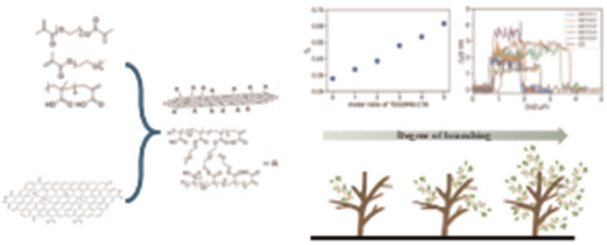

Exploiting a branched radical polymerization strategy to enhance the degree of grafting onto graphene oxide

Wai Hin Lee and Stefan A. F. Bon*

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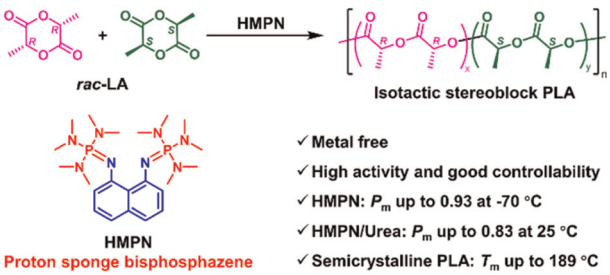

Stereoselective ring-opening polymerization of *rac*-lactide catalyzed by the proton sponge bisphosphazene 1,8-bis(hexamethyltriaminophosphazenyl)naphthalene

Zhenqing Zhang, Xiaoyu Guo, Xinhui Kou, Na Zhao* and Zhibo Li*

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