

Polymer Chemistry

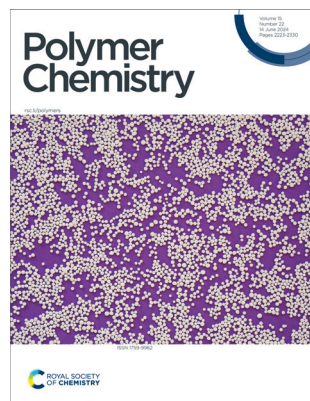
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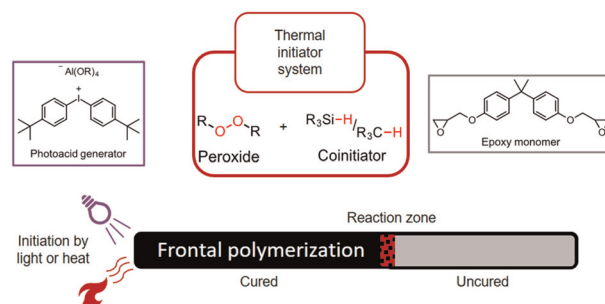
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Novel thermal initiator systems for radical induced cationic frontal polymerization

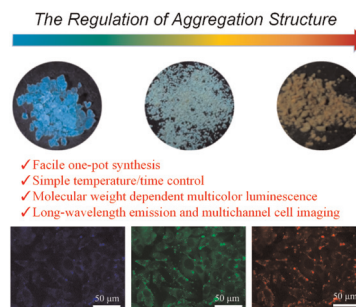
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Tunable multicolor fluorescence of polyurethane derivatives controlled by molecular weight

Ke-Xin Li, Ya-Jie Meng, Chang-Yi Zhu, Nan Jiang,* Jia-Wei Xu* and Yan-Hong Xu*



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Fundamental questions
Elemental answers

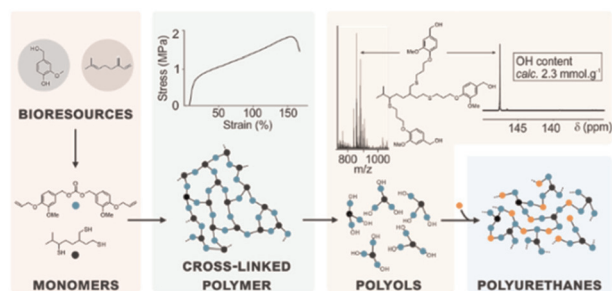


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A proof-of-concept study on a fully biobased and degradable polymer network based on vanillin and myrcene

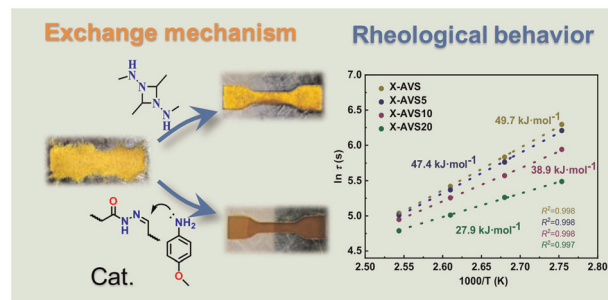
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Photocurable acylhydrazone covalent adaptable networks with fast dynamic exchange and tunable viscoelastic properties

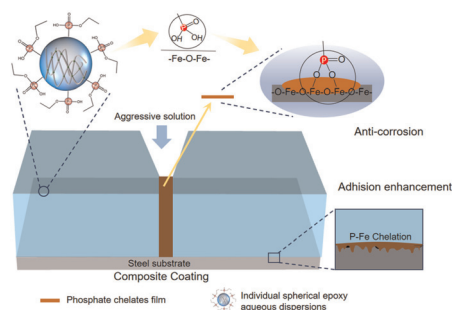
Yunsheng Xu, Chonglin Liu, Yanying Zhao, Xianming Zhang* and Minna Hakkarainen*



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Improving the performance of acrylic-epoxy ester hybrid coatings with phosphate monomers

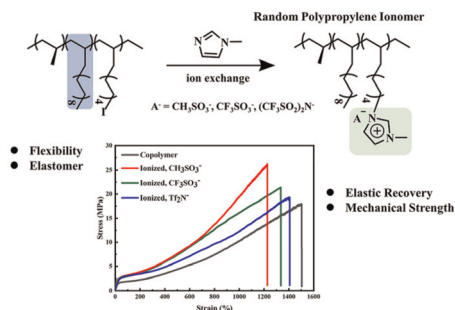
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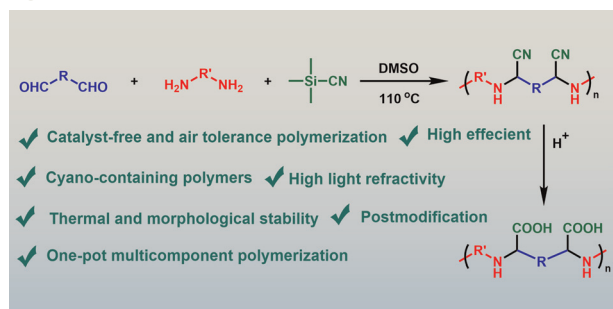
Ionic crosslinked polypropylene-based thermoplastic elastomers with excellent mechanical properties

Xiaohui Mao, Fei Wang, Li Pan,* Zhe Ma and Yuesheng Li*



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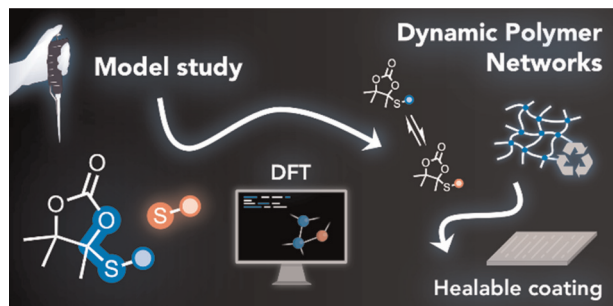
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Catalyst-free multicomponent polymerization of aldehydes, amines and trimethylsilyl cyanide toward poly(α -aminonitrile)s

Tianyu Cheng,* Huadong Wang, Jianqing Ding, Junguo Fang, Jia Wang,* Mingzhao Li, Jie Chen, Anjun Qin* and Ben Zhong Tang

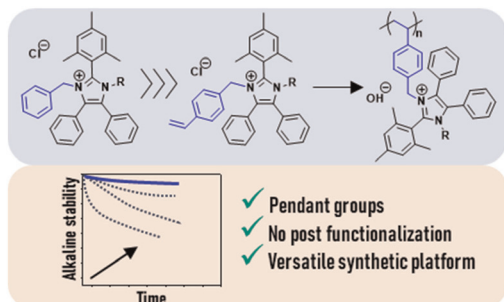
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Unprecedented associative exchange in CO_2 -sourced cyclic *S,O*-acetal-based covalent adaptable networks

Stephan Maes, Thomas Habets, Susanne M. Fischer, Bruno Grignard, Christophe Detrembleur* and Filip E. Du Prez*

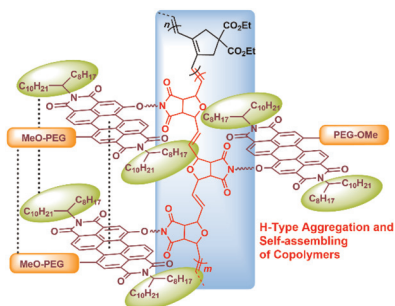
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Alkaline stability of pendant C2-protected poly(imidazolium)s

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Bridging of poly(acetylene)s and PEG-modified poly(olefin)s through ring-opening metathesis copolymerization (ROMCP)

Santhosh Kumar Podiyanachari, Maciej Bartóg, Mohammed Al-Hashimi* and Hassan S. Bazzi*

