Polymer Chemistry

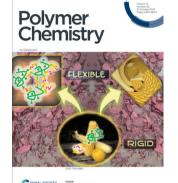
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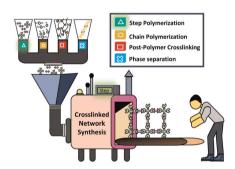
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TUTORIAL REVIEW

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Educational series: turning monomers into crosslinked polymer networks

M. A. Sachini N. Weerasinghe, Obed J. Dodo, Chamoni W. H. Rajawasam, Ibrahim O. Raji, Shiwanka V. Wanasinghe, Dominik Konkolewicz* and Nethmi De Alwis Watuthanthrige*

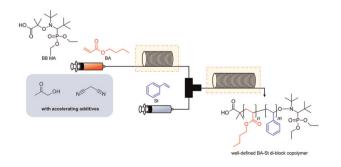


COMMUNICATIONS

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Accelerated nitroxide-mediated polymerization of styrene and butyl acrylate initiated by BlocBuilder MA using flow reactors

Ryo Takabayashi, Stephan Feser, Hiroshi Yonehara, Ilhyong Ryu and Takahide Fukuyama*



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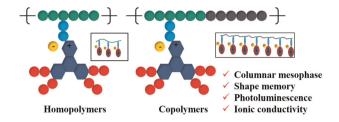


COMMUNICATIONS

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Fast thermally-responsive azatriphenylene ionic discotic liquid crystalline polymers with shape-memory properties

Xiao-Ping Xiong, Qian Yang, Ruo-Jun Wang, Ling-Yi Zeng, Wen-Hao Yu,* Hong-Mei Chen, Hai-Liang Ni, Chun Feng, Ke-Qing Zhao and Ping Hu*

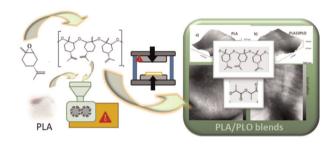


PAPERS

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Insight into the melt-processed polylimonene oxide/polylactic acid blends

Miguel Palenzuela, Juan F. Vega, Virginia Souza-Egipsy, Javier Ramos, Christian Rentero, Valentina Sessini* and Marta E. G. Mosquera*



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Green production of ion-conductive and self-healable polymers by photoinduced radical polymerization of ternary deep eutectic monomers

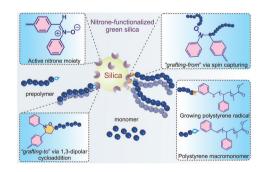
Yuta Tanaka, Reina Shinohe, Shingo Yuki, Takuto Ohashi and Hideharu Mori*



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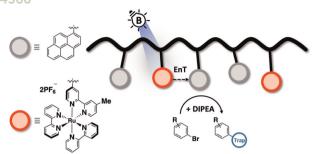
Polymer grafting on nitrone functionalized green silica via "grafting from" and "grafting to" approaches through enhanced spin capturing polymerization and a 1,3-dipolar cycloaddition reaction

Lukkumanul Hakkim N. and Leena Nebhani*



PAPERS

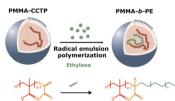
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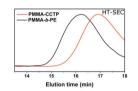


Synthesis and characterization of a rutheniumcontaining copolymer for use as a photoredox catalyst

Steven Huss, Andrew R. Walsh, Anna Griggs, Diego Aleiandro Rodriguez-Acevedo. Daniela M. Arias-Rotondo and Elizabeth Elacqua*

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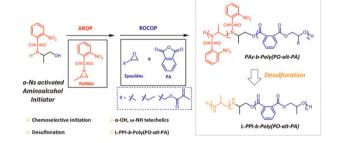




Synthesis of poly(methyl methacrylate)b-polyethylene (PMMA-b-PE) block copolymers via conventional emulsion polymerization

L. Sinniger, O. Boyron, P. Y. Dugas, G. Patias, D. Lester, D. M. Haddleton, V. Monteil, M. Lansalot* and F. D'Agosto*

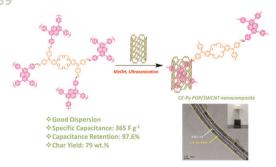
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Telechelic block copolymer L-PPI-b-poly(epoxidealt-PA) obtained via desulfonation of poly(onitrophenylsulfonyl-activated aziridines)

Zhuangzhuang Liang, Feng Ren, Chenyang Hu, Zan Gao, Xuan Pang* and Xuesi Chen*

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Dispersion of ultrastable crown-etherfunctionalized triphenylamine and pyrene-linked porous organic conjugated polymers with singlewalled carbon nanotubes as high-performance electrodes for supercapacitors

Mohamed Gamal Mohamed,* Wan-Chun Chang, Swetha V. Chaganti, Santosh U. Sharma, Jyh-Tsung Lee and Shiao-Wei Kuo*