

# Polymer Chemistry

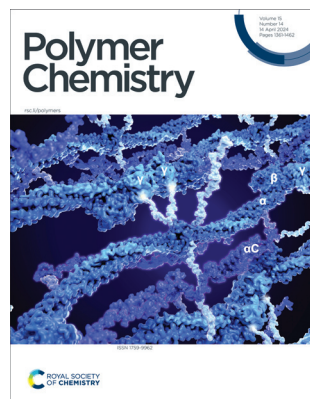
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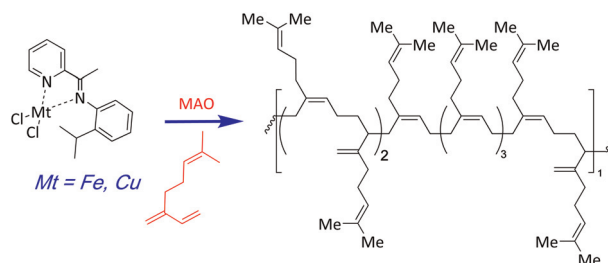
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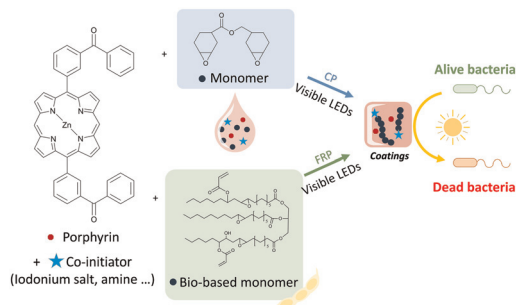
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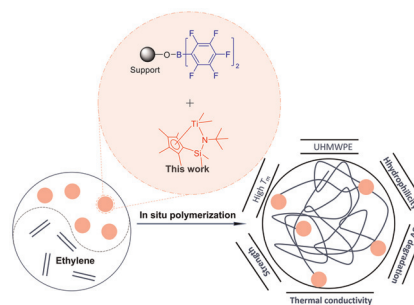


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### B(C<sub>6</sub>F<sub>5</sub>)<sub>3</sub> grafted inorganic fillers for supported titanium-catalyzed synthesis of UHMWPE composites

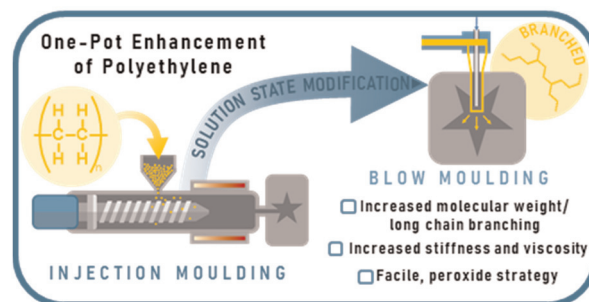
Zhengxing Bi, Zhao Zhang, Naeimeh Bahri-Laleh, Quan Wang\* and Chen Zou\*



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### A versatile modification strategy to enhance polyethylene properties through solution-state peroxide modifications

Utku Yolsal, Thomas J. Neal, James A. Richards, John R. Royer and Jennifer A. Garden\*



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### An optical fluorescence sensor for IoT application in direct visualization of the curing process in polymer matrices

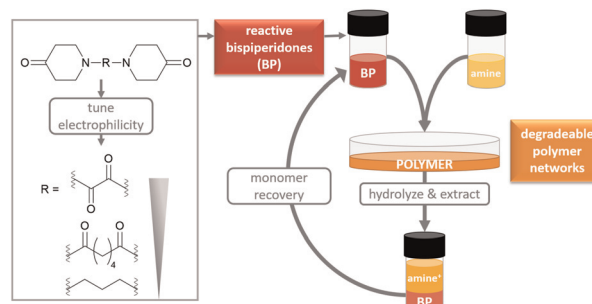
Patryk Szymaszek, Paweł Fiedor, Małgorzata Tyszką-Czochara, Mariusz Galek and Joanna Ortyl\*

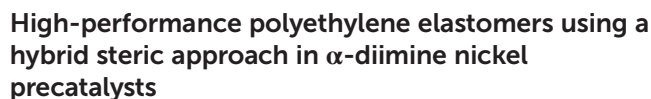


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### Degradable bispiperidone derivative amine networks with monomer recovery

Patricia Godermajer, Andreas J. Achazi, Doreen Mollenhauer, Andreas Seifert and Michael Sommer\*

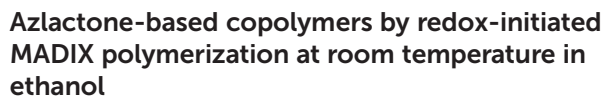




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“Friendly” organic solvent & low energy-consuming process



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