

# Polymer Chemistry

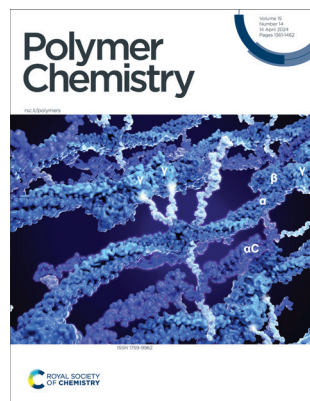
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## IN THIS ISSUE

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### Cover

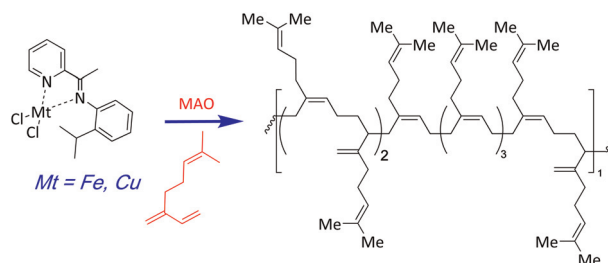
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## PAPERS

1367

### Synthesis of stereoregular polymyracenes using neodymium-, iron- and copper-based catalysts

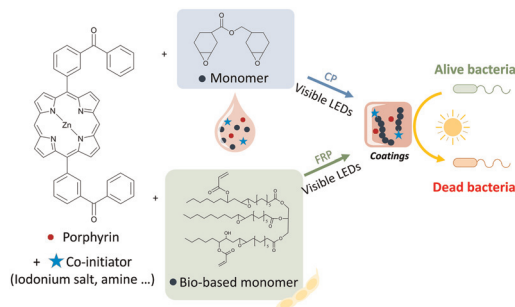
Giovanni Ricci,\* Antonella Caterina Boccia, Benedetta Palucci, Anna Sommazzi, Francesco Masi, Miriam Scoti, Fabio De Stefano and Claudio De Rosa



1377

### Porphyrin-based photosensitizers for visible-light polymerization and antibacterial applications

Fanny Schnetz, Iryna Knysh, Denis Jacquemin, Samir Abbad Andaloussi, Marc Passet, Sonia Lajnef, Fabienne Peyrot and Davy-Louis Versace\*



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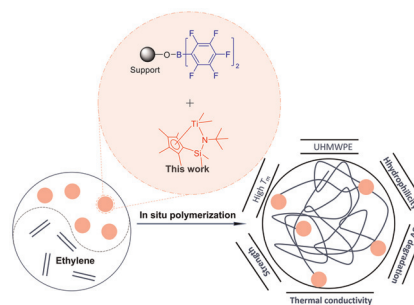


## PAPERS

1393

### $B(C_6F_5)_3$ grafted inorganic fillers for supported titanium-catalyzed synthesis of UHMWPE composites

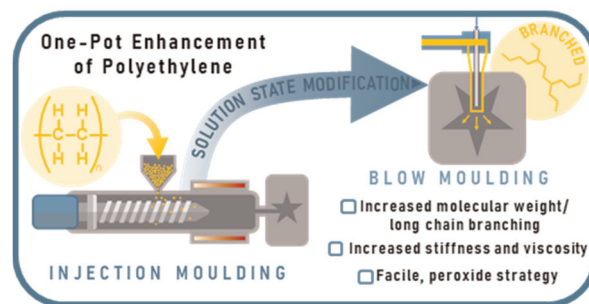
Zhengxing Bi, Zhao Zhang, Naeimeh Bahri-Laleh, Quan Wang\* and Chen Zou\*



1399

### 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\*



1413

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

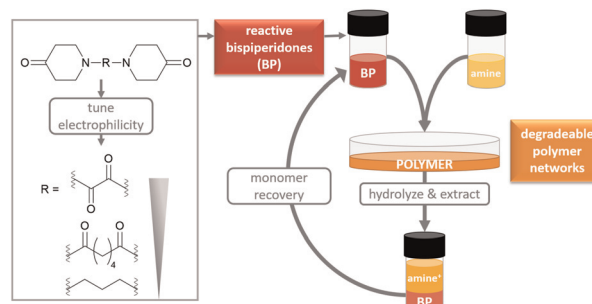
Patryk Szymaszek, Paweł Fiedor, Małgorzata Tyszką-Czochara, Mariusz Galek and Joanna Ortyl\*



1427

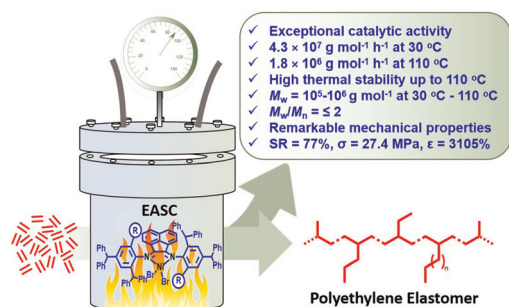
### Degradable bispiperidone derivative amine networks with monomer recovery

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



## PAPERS

1437

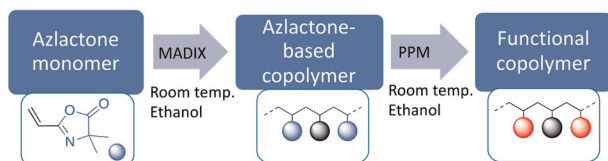


### High-performance polyethylene elastomers using a hybrid steric approach in $\alpha$ -diimine nickel precatalysts

Hassan Saeed, Qaiser Mahmood,\* Rongyan Yuan, Yizhou Wang, Song Zou, Kainat Fatima Tahir, Yanping Ma,\* Tongling Liang and Wen-Hua Sun\*

1453

“Friendly” organic solvent & low energy-consuming process



### Azlactone-based copolymers by redox-initiated MADIX polymerization at room temperature in ethanol

Francesca François, Guillaume Gody, James Wilson, Laurent Fontaine\* and Sagrario Pascual\*

