

Polymer Chemistry

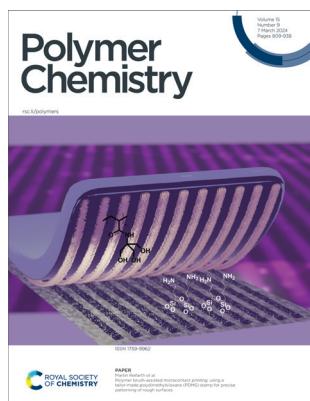
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Cover

See Martin Reifarth *et al.*,
pp. 853–867.

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Polym. Chem., 2024, **15**, 853.

TUTORIAL REVIEW

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A tutorial review of linear rheology for polymer chemists: basics and best practices for covalent adaptable networks

Ralm G. Ricarte* and Sachin Shanbhag*

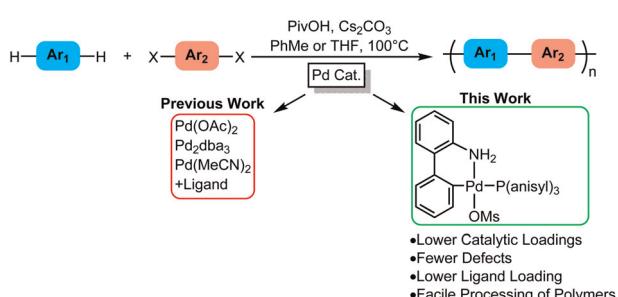


COMMUNICATION

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A palladium precatalyst for direct arylation polymerization

Rafael A. Mirabal, Javan A. Buratynski, Ryan J. Scott and Derek J. Schipper*



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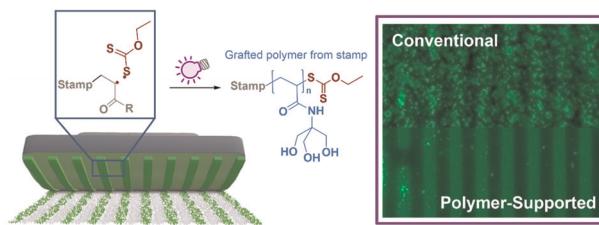
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PAPERS

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Polymer brush-assisted microcontact printing: using a tailor-made polydimethylsiloxane (PDMS) stamp for precise patterning of rough surfaces

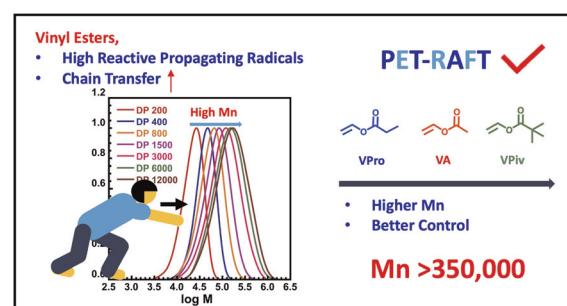
Nazim Pallab, Stefan Reinicke, Johannes Gurke, Rainer Rihm, Sergio Kogikoski, Jr., Matthias Hartlieb and Martin Reifarth*



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Exploring high molecular weight vinyl ester polymers made by PET-RAFT

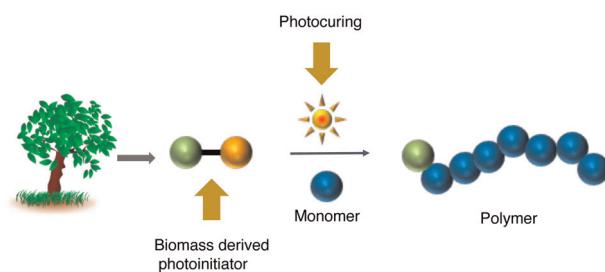
M. A. Sachini N. Weersasinghe, Nethmi De Alwis Watuthanthrige and Dominik Konkolewicz*



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Near-visible light active biomass derived benzoin photoinitiators for energy curing applications

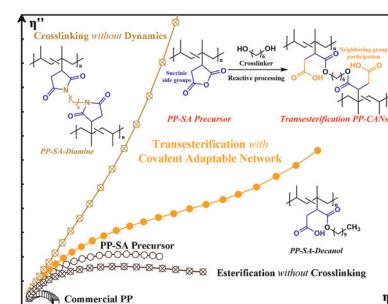
Ravichandranath Singathi, Sruthy Baburaj, Jayachandran Parthiban, Gregory T. Carroll, Steffen Jockusch and Jayaraman Sivaguru*



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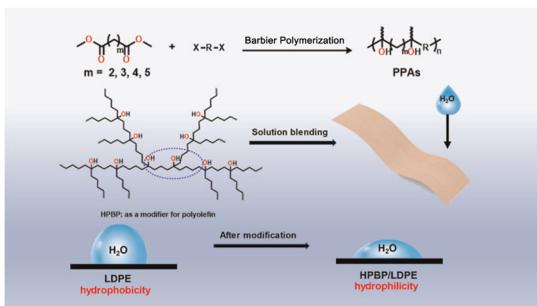
Polypropylene-based transesterification covalent adaptable networks with internal catalysis

Yuanchu Gao and Hui Niu*



PAPERS

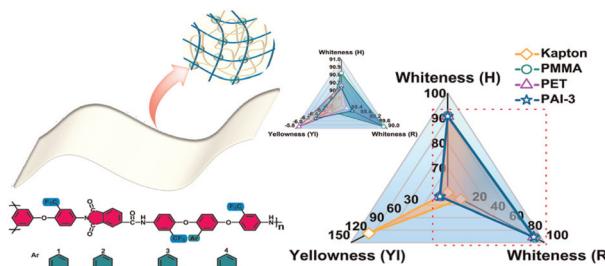
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Barbier polymerization towards synthesizing polar polyolefin analogues for polyolefin modification

Bowenjing Cai, Na Wang, Wen-Ming Wan,* Longhui Zheng,* Lixin Wu and Hongli Bao*

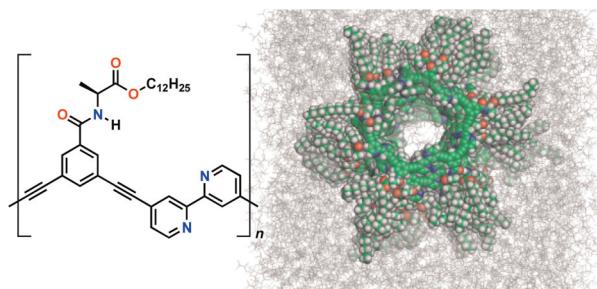
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Preparation and performance testing of novel bendable optically transparent fluorinated hyperbranched linear long chain segment poly(amide-imide) films

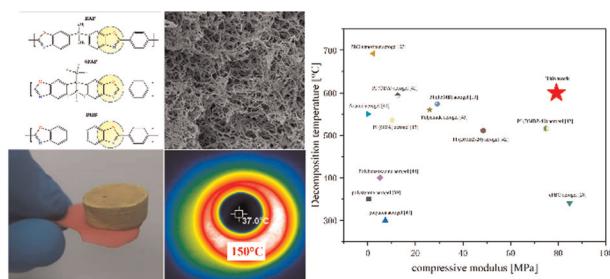
Ze-Bang Sun, Wen Yang, Xiao-Sa Zhang, Xiao-Yu Zhu, Jian Luan, Wen-Ze Li* and Yu Liu*

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Bipyridine-containing π -conjugated polymers bearing optically active amide groups: mechanistic aspects of formation of chiral higher-order structures

Taichi Sotani, Mai Otoba, Mio Hosotani, Tomohiro Hayashi, Hiromitsu Sogawa and Fumio Sanda*

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Lightweight polybenzoxazole aerogels with high compressive strength, ultralow dielectric constants, and excellent thermal stability

Yi Zhang, Xiaoyun Liu,* Rui Yang and Qixin Zhuang*

