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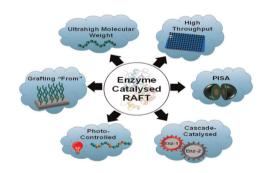


REVIEW

2011

Green synthesis of polymer materials via enzyme- initiated RAFT polymerization

Sonu Kumar,* Raviteja Gaddala, Sabu Thomas, Joshua Schumacher and Holger Schönherr

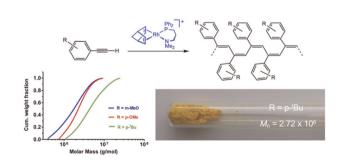


PAPERS

2028

Synthesis of megadalton stereoregular ringsubstituted poly(phenylacetylene)s by a rhodium(ı) catalyst with a N-functionalized hemilabile phosphine ligand

Marta Angoy, M. Victoria Jiménez,* Eugenio Vispe and Jesús J. Pérez-Torrente*







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Fundamental questions Elemental answers

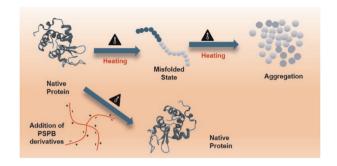
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PAPERS

2040

Design of polysulfobetaine derivatives for enhanced inhibition of protein aggregation

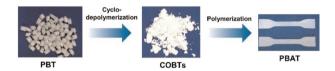
Robin Rajan* and Kazuaki Matsumura*



2047

Chemical recycling of poly(butylene terephthalate) into value-added biodegradable poly(butylene adipate-co-terephthalate)

Xiangxiang Yan, Shujie Huang, Jie Huan, Jing Li, Xiaohong Li,* Sheng Wang,* Hongjuan Li, Xuehua Guo, Jun Ren and Yingfeng Tu*



2055

Unsaturated sulfur-containing polymers from modular alcohol click chemistry

Ziheng Liu, Chengjian Zhang* and Xinghong Zhang*

2063

Catalyst-free synthesis of high-molecular weight poly(alkylene oxalate)s

Jian Wang, Weiping Chen,* Libin Bai, Haiqian Guo, Weihe Zhao, Yonggang Wu and Xinwu Ba*

Oligo (ethylene oxalate)

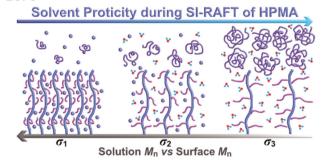
Light-colored

High-molecular weight

Seawater degradability



PAPERS



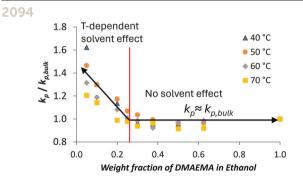
Solvent effects on surface-grafted and solutionborn poly[N-(2-hydroxypropyl)methacrylamide] during surface-initiated RAFT polymerization

Yu-Min Wang.* Anna Kálosi, Yuriv Halahovets, Hvnek Beneš, Andres de los Santos Pereira and Ognen Pop-Georgievski*

Tunable Wettability Tunable thermal properties. Increased degradability protection to difunctional monomers

Poly(alditol sebacate)-PLA copolymers: enhanced degradability and tunable surface properties

Stefano Gazzotti,* Minna Hakkarainen, Carlo Andrea Pagnacco, Marco Manenti, Alessandra Silvani, Hermes Farina, Luca Arnaboldi and Marco Aldo Ortenzi

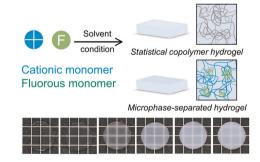


Poly(alditolsebacate) copolymers

Propagation rate coefficients of 2-(dimethylamino) ethyl methacrylate radical polymerization in bulk, alcohols and alcohol/water solutions determined by PLP-SEC

Opeyemi J. Ajogbeje, Igor Lacík and Robin A. Hutchinson*

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Tuning network structures of hydrophobic hydrogels by controlling polymerization solvent

Hailong Fan,* Daito Naohara, Wei Li,* Xiang Li and Jian Ping Gong*