Special Issue

Block Copolymers Synthesis by Advanced Polymerization Techniques

Message from the Guest Editor

Block copolymer research has attracted great interest over the past few decades. The diversity of these materials has enabled their applications in numerous ways in the fields of chemistry, physics, material, biological, and medical sciences. A large number of advances in experimental techniques regarding the precise synthesis and characterization of block copolymers has been reported up to date. Block copolymers with specified molecular chain parameters (molecular weight and distribution), composition, chain architectures, and properties were developed through advanced chain growth polymerization techniques like living anionic polymerization, controlled/"living" radical polymerization, various transition metal catalyzed polymerization, etc. The Special Issue aims to expand the knowledge in the area of block copolymer synthesis by advanced polymerization techniques. Typical topics include precise synthesis of new block copolymers, insights into the polymerization chemistry/mechanism, reaction engineering/modeling, method development, new catalyst technologies, polymer characterization, properties, and applications.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2020)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/31343

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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