Special Issue

Polymerization Kinetics

Message from the Guest Editor

The study of polymerization kinetics is fundamental to the production of polymers. While thermodynamic considerations determine whether or not a given monomer will polymerize, the properties of the resulting polymer depend on kinetic parameters. These properties include the chain length distribution, tacticity, and composition (in the case of copolymers). The last 25 years have seen a revitalization of polymer chemistry, with the development of many new polymerization techniques. Most recently, the concept of precision polymer synthesis has emerged, which seeks to control all aspects of polymer structure. Accompanying these developments has been a resurgence of interest in polymerization kinetics. The interplay of synthesis and kinetic analysis has allowed the development of new structures and architectures which were previously impossible. This Special Issue of *Polymers* is dedicated to current efforts in the study of polymerization kinetics. Of particular interest are the application of kinetic studies to precision polymerization, and the use of insights derived from polymerization kinetics to the synthesis of new polymers and copolymers.

Guest Editor

Dr. Simon Harrisson

Laboratoire des IMRCP, Université de Toulouse, CNRS UMR 5623, Université Paul Sabatier, 31062 Toulouse, France

Deadline for manuscript submissions

closed (20 May 2018)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/10895

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/journal/polymers

MDPI

About the Journal

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

Prof. Dr. Alexander Böker
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)