

## Topical Collection

# Polymerization and Kinetic Studies

### Message from the Collection Editors

In polymer chemistry, the study of polymerization kinetics is fundamental to the production of polymers. Polymerization is an important process of combining molecules to form polymer chains or even complex topological chains, in which bifunction or multifunction monomers react to form dimers, trimers, longer oligomers, and eventually long chain polymers. Most recently, the concept of precision polymer synthesis has emerged, which seeks to control all aspects of polymer structure and needs basic and advanced knowledge about the kinetics and reaction mechanism of their formation, i.e., mechanism of polymerization in different media, effect of reaction conditions, effect of modifying additives, etc. This Topic Collection of *Polymers* on “Polymerization and Kinetic Studies” will be especially focused on 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.

### Collection Editors

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## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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