

Special Issue

Recent Advancement in Polymerization Kinetics

Message from the Guest Editors

Dear Colleagues. Nowadays, different polymerization techniques are applied to obtain polymers with unique properties suitable for various applications ranging from high- performance engineering plastics, packaging, energy storage materials, and biomedical applications. Polymers are synthesized by precision methodologies to improve and control their properties such as controlled/living radical polymerization, polycondensation, ring-opening polymerization or superacid catalyzed polyhydroxyalkylation, amongst others. However, their polymerization kinetic behavior can be carried out under a wide range of conditions. Thus, it is important to understand how reactions proceed over time. This information can help us to designing and being able to predict material structure and morphology and obtain new materials with tailored characteristics. The aim of this Special Issue is to highlight the current advances in novel and controlled polymerizations with a strong focus on the associated kinetics and reaction mechanism.

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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 4.9.

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

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