

Special Issue

Advances in Polymerization and Kinetic Studies

Message from the Guest Editor

Due to the different molecular structures and the different regularity of molecular chain arrangements, polymers will have crystallization, recrystallization, glass transfer, and amorphous forms under specific temperatures. These properties are also closely related to the heat absorption and exotherm of the polymer reaction and processing procedures, which in turn affect the polymers' mechanical strength and chemical and physical properties. Therefore, this special issue on polymers will cover polymer crystallization kinetics, polymer reaction kinetics, polymer interfacial kinetics, polymer blending, and molecular modeling of polymer dynamics. In addition, other materials such as polymer nanocomposites, biodegradable polymers, and polymer electrolytes, phase changes and reaction kinetics of these materials, as well as the hydrolysis or thermal decomposition mechanisms, are also expected to be included in this special issue.

Guest Editor

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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

Prof. Dr. Alexander Böker

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