Special Issue

Polyolefin: Synthesis, Properties, and Characterization

Message from the Guest Editor

Dear Colleague, Due to the excellent performance and high cost effectiveness, polyolefin has become the most widely used engineering plastic in the world and remains the synthetic resin type with the largest capacity growth, especially in China. The continuous development of olefin polymerization catalysts, polymerization processes, and processing techniques has provided us with a large number of new polyolefin materials, and emerging industries continue to put forward new needs and requirements for polyolefin materials, which constantly promotes the development of polyolefin materials. Although the monomer unit structure of polyolefin is simple, the complexity of the polyolefin structure and the wide range of properties due to the regularity, branching, end-group structure, distribution of monomer units on the molecular chain, molecular weight distribution, etc., require constantly innovative methods to understand the microstructure and the structure of the aggregation state. It is hoped that researchers from academia and industry will work together to continuously promote the development of polyolefins and create a better future.

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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