

Special Issue

Rheology and Processing of Polymer Materials, Second Edition

Message from the Guest Editor

Rheology is the science of studying the flow and deformation of materials as well as the basic science of material processing and preparation. Polymer processing can be understood under two aspects: material modification and product molding. How to finely control the processing process to achieve a multi-scale and multi-level structure is the main direction of modern processing technology for polymers.

This Special Issue will cover, but will not be limited to, the blending, copolymerization, chemical modification, molding, and processes of polymer materials. It will include research on rheological behavior, molecular structure, thermal analysis, crystallization behavior, mechanical properties, phase morphology, and interface interaction. We hope to establish the multi-scale structure–morphology–property relationship of polymer composite materials, study the fundamental scientific issues at hand, and guide the development and application of high-performance new materials.

Guest Editor

Dr. Biwei Qiu

School of Materials and Chemistry (SMC), University of Shanghai for Science and Technology, Shanghai, China

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

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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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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