Special Issue

Rheology and Processing of Polymer Materials

Message from the Guest Editor

Rheology is the science of studying the flow and deformation of materials and it is also the basic science of material processing and preparation. It is recognized as a fundamental research method for understanding the structure and properties of materials and helps guide polymer processing. Polymer processing can be attributed to two aspects: material modification and product molding. How to finely control the processing process to achieve 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, which includes research on rheological behavior, molecular structure, thermal analysis, crystallization behavior, mechanical properties, phase morphology, interface interaction, etc., through establishing the multi-scale structure–morphology–property relationship of polymer composite materials, studying the basic scientific issues and guiding the development and application of high-performance new materials.

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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