Special Issue

Development in Polymer Rheology

Message from the Guest Editors

Polymer rheology is the study of the rheological behavior of polymer materials under different situations. Mechanical rheology and logistical chemical rheology are both subsets of polymer rheology. Mechanical rheology is a mechanical approach for studying material deformation, dissipation, and other phenomena, as well as the change in material structure caused by processing. Physicochemical rheology is a physicochemical approach for studying the impact of a substance's molecular structure and its interaction on its overall qualities, such as surface mechanical properties, viscosity and other features. Coverage for this Special Issue includes: (1) Rheological characteristics of diverse polymer materials: deformation, strength, and loss under physical force. (2) Viscosity and thermoplasticity of polymer materials. (3) Rheological properties of polymer composite systems: the effects of mixed materials and their structures on rheological properties.
(4) Rheological properties of polymer-mixed solutions: polymer solution, polymer gel, polymer liquid foam, et al. (5) Applications relating to polymer rheological properties.

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Deadline for manuscript submissions

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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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