

Special Issue

Study of the Mechanical and Rheological Behavior of Polymer Materials

Message from the Guest Editors

Polymer materials are a type of high-molecular-weight material with unique chemical structures and diverse physical and chemical properties. Widely used in fields such as food, medicine, materials, and electronics, the mechanical and rheological properties of polymer materials are among the key characteristics for their applications. In recent years, due to the advantages derived from low density, high corrosion resistance, high waterproofness, and easy manufacturing, polymers have also been widely used in civil and environmental engineering. Therefore, the scientific community must develop a deep understanding of and conduct thorough research into the mechanical and rheological behaviors of polymer materials. This Special Issue aims to explore the mechanical and rheological behavior of polymer materials, promote academic exchange and cooperation, provide a platform for scholars to showcase research results and exchange research ideas, improve scholars' and engineers' understanding and awareness of the mechanical and rheological properties of polymer materials, and provide a more scientific basis to and guidance for the design and application of polymer materials.

Guest Editors

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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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