

Special Issue

Advances in Mechanical Behavior of Polymers

Message from the Guest Editors

Recent advances in polymer science have impacted a broad range of research fields and enabled numerous real-world applications in biomedical devices, cosmetics, bioplastic, bioimplants, synthetic food, packaging, etc. Innovations abound in designing and manufacturing new advanced polymeric materials with attractive physical properties and behaviors to overcome the existing challenges. Advanced manufacturing and experimental techniques have enabled the fabrication of polymers with appealing physical properties and behaviors.

Contributions related to the latest advances on the mechanical behaviors, properties, and functionalities of polymers and their applications and addressing, but not limited to, one of the following aspects are welcome to be submitted to this Special Issue: process–structure–property relationships; advanced manufacturing (including additive manufacturing); shape-memory and/or shape-changing polymers; self-healing polymers; biopolymers; bioinspired polymers; theoretical modelling; computer simulations.

Guest Editors

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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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