Special Issue

Ultra-Stretchable Polymers for Flexible Electronics and Energy Storage and Conversion Devices

Message from the Guest Editors

Ultra-stretchable polymers have been identified as promising materials due to their unique properties, such as high elasticity and mechanical durability. Some ultra-stretchable polymers also offer other advantages such as high electronic conductivity, high ionic conductivity, good thermal stability, good biocompatibility, and low cost. In this Special Issue, we welcome contributions that investigate the synthetic approaches, fundamental structure properties, and mechanical, electrical, optical, and thermal properties of ultra-stretchable polymers. We also welcome the exploration of the application of these materials in flexible electronics, flexible energy storage and energy conversion devices, and biocompatible medical devices. The format of the submission could be an original research article, review, mini review, or perspective.

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Deadline for manuscript submissions

closed (25 May 2024)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/171983

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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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