



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

Guest Editors:

Dr. Beibei Jiang

Department of Electrical and
Computer Engineering,
Kennesaw State University,
Marietta, GA 30060, USA

Dr. Xueju "Sophie" Wang

Department of Materials Science
and Engineering, University of
Connecticut, Storrs, CT 06259,
USA

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Message from the Guest Editors

Dear Colleagues,

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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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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Polymers Editorial Office
MDPI, St. Alban-Anlage 66
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