Special Issue

Novel Soft Matters for Flexible Electronics and Biomedical Applications

Message from the Guest Editors

Due to their good conductive sensing properties, self-healing/recyclability, biocompatibility and mechanical properties similar to biological tissues such as skin and muscle, soft matters like hydrogels and elastomers have provided great breakthroughs in recent years in the application of flexible sensors, wearable devices, biomedicine, etc. However, many challenges remain to be solved—for example, designing hydrogels with both high strength and self-healing properties; enriching the versatility of hydrogels/elastomers; tailoring the mechanical properties and functionality of hydrogels/elastomers to the application, etc. The aim of this Special Issue is to highlight the need for rational structural design and synthetic innovation to improve the comprehensive performance of hydrogels and elastomers and to explore applications in flexible electronics and biomedicine.

Guest Editors

Dr. Gehong Su

College of Science, Sichuan Agricultural University, Xin Kang Road, Yucheng District, Ya'an 625014, China

Dr. Yulin Zhang

School of New Energy Materials and Chemistry, Leshan Normal University, Leshan 614000, China

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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

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