Special Issue

Polymer-Based Flexible Sensors

Message from the Guest Editors

Due to their great potential regarding the Internet of Things and wearable electronic applications, flexible sensors that effectively detect various stimuli associated with a specific environment have been extensively studied. The use of flexible and stretchable electronics in equipment engineering technologies enables the fabrication of slender, lightweight, stretchable, and collapsible sensors. Polymers are now being widely tested and employed in sensor fabrication. They can be used for flexible sensors. The list of applications is long, although developments are ongoing to make their usage more reliable for various areas. Therefore, we set up this Special Issue to select papers in the area of polymer-based flexible sensors. The proposed Special Issue focuses on:

- Design of Polymer-Based Stretch and Pressure Sensors;
- Preparation and Applications of Polymer Conductive Composites;
- Applications of Polymer-based Flexible Sensors;
- Approaches to Fabricate Stretch and Pressure Sensors;
- The Integration of Flexible Pressure Sensors and Flexible Actuators.

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Deadline for manuscript submissions

closed (20 July 2023)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/158414

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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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