

Special Issue

Development and Application of Polymer-Based Materials for Printable Sensors

Message from the Guest Editors

The advancements in polymer science are key to developing essential components for printed/organic electronics. This Special Issue is open to contributions on the applicability of polymers as inks and substrates, as well as processing of polymers and sensor design, focusing on the development of sensing materials and systems. Theoretical and experimental works relying on polymeric-based materials, which result in physical or chemical sensing such as thermal, magnetic, pressure/force, radiation, humidity or pH, among others, are welcome. Thus, we invite authors to contribute potential topics include but are not limited to:

- Synthesis of inks and electroactive polymeric materials;
- Flexible sensor design methods and application assembly;
- Hybrid solutions between printed sensors and conventional electronics;
- Theoretical and experimental studies concerning sensor matrix crosstalk and mitigation methods;
- Industrial, agricultural, and medical application issues, which flexible sensors/electronics could solve.

Guest Editors

Dr. Nelson Castro
Dr. Nikola Perinka
Dr. Pedro Costa

Deadline for manuscript submissions

closed (25 April 2024)



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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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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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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