

Special Issue

New Studies on Polymer-Based Sensors

Message from the Guest Editors

Polymer-based sensors, constructed of polymeric materials, are designed to detect a variety of signals, such as temperature, humidity, pressure, strain, and chemical species. In recent years, these types of sensors have shown great promise due to their versatility, low cost, mechanical compliance, and facile fabrication. Emerging studies in the field have focused on improving the sensitivity, selectivity, biocompatibility, and stability of polymer-based sensors, and developing new types of polymers and sensor architectures. The continued development of polymer-based sensors has the potential to revolutionize a wide range of industrial applications. We invite submissions of original research articles on polymer-based sensors that utilize unique micro-/nano-structures, functional materials, and novel fabrication techniques to create sensors with enhanced performance. We are also interested in studies that demonstrate practical applications, such as robotics, healthcare, environmental monitoring, and security.

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2024)



Polymers

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



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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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