

Special Issue

Recent Advances in Polymer-Based Biosensors

Message from the Guest Editors

This Special Issue seeks original research articles, reviews, and perspectives that explore recent progress in the synthesis and engineering of polymeric materials, emerging biosensing technologies, and their impactful applications in clinical diagnostics, food safety assurance, and environmental monitoring. Submissions are expected to address current challenges and opportunities in the integration of functional polymers into biosensing systems—specifically focusing on aspects such as novel polymer architectures, advanced signal transduction strategies, molecular recognition elements, and real-world implementation. Join us in advancing the field of polymer-based biosensors by contributing to this curated Special Issue, which aims to inspire new directions and support the development of next-generation analytical devices. Your work will reach an international audience and contribute to a growing body of knowledge with significant interdisciplinary relevance. We look forward to your submissions.

Guest Editors

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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

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