



Novel Polymers in Sensors

Guest Editors:

Dr. Wei Liu

Prof. Dr. Jeong In Han

Prof. Dr. Mikhail Shamonin

Deadline for manuscript
submissions:

25 September 2024

Message from the Guest Editors

Dear Colleagues,

Novel polymers have been widely applied in the field of sensors. These polymers also exhibit exceptional properties, including high sensitivity, selectivity, and stability, making them ideal candidates for various sensing applications. They can effectively detect a wide range of analytes, such as gases, chemicals, and biomolecules, enabling their use in many industries. The incorporation of functional groups and nanomaterials into the polymer matrix further enhances their sensing performance. Recent advancements in the design and synthesis of novel polymers have led to the development of highly efficient and versatile sensing platforms.

This Special Issue focuses on the field of novel polymers in sensors, discussing their potential applications in industries, such as environmental monitoring, healthcare, and food safety. Moreover, it emphasizes the ongoing research efforts aimed at improving their performance and applications in the future.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

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

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 5.0.

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI