

Special Issue

Advanced Polymeric Structures for Biosensing

Message from the Guest Editor

Recently, polymer-based sensor technology has been evolving very rapidly, and it is expanding to various fields of analytical chemistry. Many challenging problems could be solved through the application of polymeric structures in sensor design. Different nanotechnological approaches and a variety of nanomaterials, polymer nanocomposites, and molecularly imprinted polymers could be particularly suitable for the development of various analyte-recognizing parts of sensors and become extremely important in sensor and biosensor technology. The aim of this Special Issue of *Polymers* is to give readers an overview of innovative polymer-based techniques in this rapidly evolving field. Both original research papers and review papers relating to the synthesis, preparation, and application of polymer-based sensors are welcome.

Guest Editor

Prof. Dr. Arunas Ramanavicius

NanoTechnas—Center of Nanotechnology and Materials Science,
Faculty of Chemistry and Geosciences, Vilnius University, Naugarduko
Str. 24, LT-03225 Vilnius, Lithuania

Deadline for manuscript submissions

30 September 2026



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/271728

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)



About the Journal

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

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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)