

Special Issue

Advanced Polymer-Based Sensors Materials

Message from the Guest Editor

Various new sensor materials, including new metal materials, high-performance polymer materials, fine ceramics and composite materials, are being researched and developed. In particular, sensors using polymers are combined with or replaced with the above materials, and are highly expected to become one of the advanced technologies that support the economy and various industries in the 21st century, in the near future. As the material of the electrode, carbon-based materials or the materials included with metals have been attracting attention. Moreover, significant progress has also been made in the electrical circuits that back up these polymer sensors. Using those sensors, many new applications are also being developed. It is expected to be used in the world of medical care, sports and hobbies, to enjoy the virtual world. This Special Issue stimulates researchers in the field of materials, researchers who make them compound and/or intelligent devices, and research engineers who study electrical circuits related to them, and further accelerates the development of their applications.

Guest Editor

Dr. Seiki Chiba

Chiba Science Institute, Choshi, Shiomicho, Japan

Deadline for manuscript submissions

closed (20 June 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/123382

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 4.7.

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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 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, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

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