

Special Issue

Developments of Molecularly Imprinted Polymers

Message from the Guest Editor

Molecularly Imprinted Polymers (MIPs) are synthetic polymers with a tailor-made capacity to recognize a target molecular structure. In recent years, molecular imprinting technology has become a hot topic in the preparation of artificial systems capable of mimicking natural receptors. The expanding number of synthetical methods, the accessibility to many different formats and morphologies, the progress made in understanding the molecular recognition mechanisms that characterize them, and the broad spectrum of applications based on their selectivity properties make these materials a vibrant and constantly topical field of research. This Special Issue of *Polymers* provides a collection of high-quality full research papers, communications, and critical reviews covering both applied and fundamental aspects of molecular imprinting technology. The scope includes but is not limited to:

Synthesis of new materials based on molecular imprinting and magnetic molecular imprinting.
Developing electrochemical, optical, and biomimetic sensors based on molecularly imprinted polymers.
Applications of molecularly imprinted polymers.
Hybrid materials.
Theoretical study, simulation, and smart materials.

Guest Editor

Prof. Dr. Sabir Khan

Department of Natural Sciences, Mathematics and Statistics, Federal Rural University of the Semi-Arid, Mossoró 59625-900, RN, Brazil

Deadline for manuscript submissions

closed (31 July 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9

CiteScore 9.7

Indexed in PubMed



mdpi.com/si/154901

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

[mdpi.com/journal/
polymers](http://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](http://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, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

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

