

Special Issue

Advance in Molecularly Imprinted Polymers

Message from the Guest Editor

Molecularly imprinted polymers (MIPs) are undoubtedly an exciting class for polymers, as they possess antibody-like affinity toward particular molecules. Their very high selectivity is the fact that MIPs possess cavities that are complementary to the template molecules by size, shape, and presence of particular functional groups. The advantage of MIPs over natural antibodies is their high thermal and chemical stability, excellent reusability, and easy, low-cost synthesis. As a result, MIPs have been widely used as artificial receptors for separation purposes, as sensors, to promote catalysis, during drug development, and for screening. MIPs can be produced for various target molecules, which contrasts with the biological receptors where the target must match an available antibody. This Special Issue invites original papers and reviews reporting on recent progress in MIPs chemistry, which, among others.

Guest Editor

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Deadline for manuscript submissions

closed (5 January 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/84427

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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 4.7.

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

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