



Synthesis and Characterization of Molecularly Imprinted Polymers (MIPs) for Sensing Applications

Guest Editors:

Prof. Dr. Aziz Amine

Dr. Abdellatif Ait Lahcen

Dr. Abderrahman Lamaoui

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Message from the Guest Editors

Dear Colleagues,

Molecularly Imprinted Polymers are a rapidly evolving area of research with vast potential applications in a variety of fields, such as environmental monitoring, food safety, clinical diagnosis, and drug delivery. MIPs are synthetic materials with selective recognition sites that are designed to mimic the binding ability of natural biological receptors. The MIPs structure can greatly enhance their performance, leading to better selectivity, sensitivity, and stability. The development of MIPs with advanced properties is a promising research area that is gaining increasing attention. In this context, this special issue in the MDPI Polymers journal on MIPs would provide a valuable platform to showcase the latest research advances, methods, and applications in this field.

The issue will showcase the original research articles, reviews, and perspectives that cover various aspects of MIP-based sensing, including the design and synthesis of MIPs, the characterization of their performance, and the development of sensing platforms that incorporate MIPs.





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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

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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