Special Issue

Molecularly Imprinted Polymers: Design, Characterization and Application, 2nd Edition

Message from the Guest Editors

We invite you to submit research articles and reviews to a Special Issue of *Polymers*. For this Special Issue, we aim to present the most recent developments in the design, characterization, and application of molecularly imprinted polymers (MIPs). The different methods of MIP production, the characterization of dominant features of their surfaces, and the characterization of interactions between the polymer and the target molecule are within the scope of this Special Issue. Additionally, various types of additives (gold, silver, or platinum nanoparticles; multiwalled carbon nanotubes; MXenes; quantum dots; etc.) are used in the design of MIPs. Therefore, characterizing the impact of these additives on the interaction of the MIP with the target molecule is encouraged. Subsequently, extracting the imprinted molecule from the polymer after polymerization is critical to the final performance of an MIP. Finally, various applications of MIPs in electrochemical sensors, wearable sensors, and many other fields also are within the scope of this Special Issue.

Guest Editors

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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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