Special Issue

Molecularly Imprinted Polymers-Based Functional Materials

Message from the Guest Editors

A molecular imprinting polymer (MIP), often described as a polymer made of a molecular lock to match a molecular key, contains tailor-made binding sites complementary to the template molecules in shape, size and functional groups. Owing to their unique features of structural predictability, recognition specificity and application universality, MIPs have found a wide range of applications in various fields, including sample pretreatment/chromatographic separation and chemical/biological sensing .

This Special Issue aims to present the most recent developments in molecularly imprinted polymer (MIP)-based functional materials. MIP-based sensors are within the scope of this Special Issue. MIPs have been used as biological and chemical sensors, receptors and electrodes for the detection of contaminants, biomarkers, toxins, air and water pollutants and chemical and biological substances as well. In addition, the wide applications of MIPs as selective adsorbents and functional materials in medical, biomedical, chemical, environmental, agriculture and other fields are also within the scope of this Special Issue.

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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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