



Molecularly Imprinted Polymers-Based Functional Materials

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Message from the Guest Editors

Dear Colleagues,

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

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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.

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