Special Issue

Advances in Molecularly Imprinted Polymer-Based Sensing

Message from the Guest Editors

Molecularly imprinted polymers (MIP) offer cost-effective, reusable and highly stable recognition materials which are alternatives to natural receptors. Combining MIPs with conventional detection methods, researchers have developed highly selective, sensitive and robust detection strategies for a wide range of analytes, such as small molecules, biomarkers, even proteins and microorganisms. Due to the ease of adaptation of MIPs in sensors, practical applications have increased in various fields over the past decade. For this Special Issue, we seek original research and review articles that describe advances and future trends in MIP-based affinity sensors for a wide range of applications (e.g., medical, environmental, industrial, food, and security). Original papers that describe novel methods of MIP preparation or novel applications of MIP sensors are welcome.

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

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