Special Issue

Biomimetic and Chemical Sensors Based on Molecularly Imprinted Polymers (MIPs)

Message from the Guest Editors

Molecularly imprinted polymers (MIPs) are synthesized as very versatile biomimetic receptors for sensing several analytes. They are successfully applied to a wide range of fields, from medicine and diagnostics to environmental quality monitoring, food controls and forensic analysis. The Special Issue is intended as a collection of the latest research and advancements in the field, titled “Biomimetic and Chemical sensors based on Molecularly Imprinted Polymers (MIPs)”, focusing on recent and novel transduction methods in MIP-based sensors. Both review articles and original research papers are welcome, including but not limited to the following areas:

- Novel applications of MIP-based (bio-)chemosensors;
- MIP-based nanoplatforms and chips;
- New techniques for facing MIP to different transducers;
- Chemometric approach for optimization and treatment of data derived from MIP-based sensors and array;
- Critical reviews of the state-of-art and current trends of MIP-based sensing.

Guest Editors

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About the Journal

Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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