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Developments of Molecularly Imprinted Polymers

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Molecularly Imprinted Polymers (MIPs) are synthetic polymers with a tailor-made capacity to recognize a target molecular structure. In recent years, molecular imprinting technology has become a hot topic in the preparation of artificial systems capable of mimicking natural receptors. The expanding number of synthetical methods, the accessibility to many different formats and morphologies, the progress made in understanding the molecular recognition mechanisms that characterize them, and the broad spectrum of applications based on their selectivity properties make these materials a vibrant and constantly topical field of research. This Special Issue of Polymers provides a collection of high-quality full research papers, communications, and critical reviews covering both applied and fundamental aspects of molecular imprinting technology. The scope includes but is not limited to:

Synthesis of new materials based on molecular imprinting and magnetic molecular imprinting.

Developing electrochemical, optical, and biomimetic sensors based on molecularly imprinted polymers.

Applications of molecularly imprinted polymers.

Hybrid materials.

Theoretical study, simulation, and smart materials.

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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 5.0.

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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