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Analytical Capabilities of Polymer-Based Electrochemical Sensors

Guest Editor:

Dr. Guzel Ziyatdinova
Analytical Chemistry Department, Kazan Federal University, Kremleyevskaya, 18, Kazan 420008, Russia

Deadline for manuscript submissions:
closed (30 June 2024)

Message from the Guest Editor

Dear Colleagues,

Polymer-based electrochemical sensors are an attractive tool in modern electroanalysis.Traditional or screen-printed carbon-based electrodes with immobilized polymeric coverage coupled with appropriate electrochemical techniques are applicable in the analysis of complex samples such as foodstuffs, pharmaceuticals, biological fluids, environmental samples, etc. Sensors based on molecularly imprinted polymers are also of interest due to the extra selectivity to the target analyte, making its quantification easier in the presence of structurally related compounds, which usually takes place in complex matrices.

The current Special Issue will cover state-of-the-art developments in polymer-based electrochemical sensors. Both research papers and review articles will be considered. Topics of interest include, but are not limited to:

- Design of polymer-based electrodes, including polymer nanocomposites;
- MIP-based electrochemical sensors for various types of analytes;
- Analytical application of polymer-based electrochemical sensors.

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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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