

Special Issue

Analytical Capabilities of Polymer-Based Electrochemical Sensors

Message from the Guest Editor

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.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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