

Special Issue

Recent Advancement and State-of-the-Art Electrochemical Sensors

Message from the Guest Editor

Summary: The development of electrochemical-based chemical and biosensors is the focus of our research. This research endeavor involves thin- and thick-film microfabrication technologies, nanocatalysts, and sensing material selection, and immobilization of biocatalysts, such as enzymes, antibodies, and proteins. Electroanalytical measurement techniques, such as cyclic voltammetry, amperometry, and differential pulse voltammetry (DPV) and others, are also included in our research endeavor. A Special Issue on “Recent Advancement and State-of-the-Art Electrochemical Sensors” supported by *Sensors* MDPI is planned. Electrochemical sensors represent an important sensor transduction mechanism, and sensors are relatively simple to produce and to operate with high sensitivity and selectivity. They are very unique, suitable for chemical, biochemical, and biomedical sensing and applications, and directly affect our environmental, industrial, and human health monitoring and safety. The particular topics of interest include, but are not limited to:

- Electrochemical sensors
- Electroanalytical techniques
- Chemical and biosensors

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2020)



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About the Journal

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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