

Special Issue

Topical Advisory Panel Members' Collection Series: Nanomaterials-Based Electrochemical Sensors

Message from the Guest Editors

The application of nanomaterials as modifiers of surfaces of accessible electrodes profoundly revolutionized the sensitivity, precision, efficiency, and diversity of electrochemical sensors. Diverse forms and kinds of nanomaterials (such as gold, silver, and silicon nanomaterials, carbon nanostructures and cellulose nanofiber-based nanocapsules) have been applied to develop new sensors with superior electrochemical properties. The present Special Issue is dedicated to presenting recent achievements in the design and application of nanomaterial-based electrochemical sensors for different aspects of human and environmental welfare. Both review articles and original research papers are welcome. Topics of interest include, but are not limited to, recent developments in the following research areas:

- Fabrication of nanomaterials;
- Fabrication of sensors and new strategies for electrode surface modification;
- Development of analytical methods using nanomaterial-based electrochemical sensors;
- Evaluation of performance of nanomaterial-based sensors;

We are looking forward to receiving your interesting submissions for the newly opened Special Issue.

Guest Editors

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Deadline for manuscript submissions

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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.

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