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

Guest Editors:

Dr. Ilona Sadok

Department of Chemistry,
Institute of Biological Sciences,
Faculty of Medicine, The John
Paul II Catholic University of
Lublin, 20-708 Lublin, Poland

Dr. Angeliki Brouzou

Assistant Professor, Department
of Energy Systems, School of
Technology, University of
Thessaly, Geopolis, Ring-Road of
Larisa-Trikala, GR-41500 Larisa,
Greece

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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.



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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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