Special Issue

Biosensors and Electrochemical Sensors

Message from the Guest Editors

Quantitative detection of biomolecules is of paramount significance for modern clinical and biological fields. Electrochemical biosensors utilize specific bio-reagents (proteins, antibodies, enzymes, nucleic acids or cells) that recognize the target biomolecules and produce a detectable electrical signal that correlates with the concentration of the targets. The key parameters to evaluate the performance of the biosensors include the limit of detection (LOD), dynamic ranges, reproducibility, precision, selectivity, and response to interferences. It has become one of the most active fields in bioanalysis and biochemistry. The aim of this Special Issue is to provide an opportunity for researchers to publish their new ideas and latest research related to biosensors and electrochemical sensors.

Guest Editors

Dr. Zhen Cao

Dr. Hao Jin

Prof. Dr. Shurong Dong

Deadline for manuscript submissions

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors

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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

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

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