

sensors



an Open Access Journal by MDPI

State-of-The-Art on Enzymatic Biosensors Technology

Guest Editor:

Prof. Dr. Gaia Rocchitta

Medical School, Department of
Clinical and Experimental
Medicine, University of Sassari,
07100 Sassari, Italy

Deadline for manuscript
submissions:

closed (30 November 2020)

Message from the Guest Editor

Dear Colleagues,

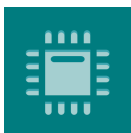
The need for analytical devices capable of monitoring important markers has become increasingly pressing in recent years. Among all of the analytical methods used to date, enzymatic biosensors are increasingly attracting attention because of their important features, such as sensitivity, specificity, cost-effectiveness, possible portability, and miniaturization, but, above all, for the possibility of application in the most diverse matrices. If in biomedical applications biosensors can be useful for the determination of different biomarkers, not only for diagnostic, but above all for prognostic purposes, over time, these devices can also be applied in agri-food matrices for nutraceuticals determinations, for industrial process, or even as food safety controls. In addition, it is possible to apply biosensors to environmental purposes or pharmaceutical industry for drug development or the replacement of organs.

So, this Special Issue aims to shed light on the recent advances in enzymatic biosensors and their multiple applications.



mdpi.com/si/28932

Special Issue



sensors



an Open Access Journal by MDPI

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)