

## Special Issue

# Electrochemical Biosensors for Real Time Detection

### Message from the Guest Editor

Today, there is an increasing demand to develop new methods and systems which enable the detection of biomarkers for various interests in real time.

Electrochemical biosensor devices present diverse possibilities as analytical tools which are able to exploit the current developments in nanotechnology as well the possibility to go to point of care systems. Adaptation of such technologies to various analytical applications such as diagnosis, water control, food safety, and environmental analysis is attracting considerable attention. We invite authors to submit original research and review articles on novel systems or approaches in electrochemical biosensors. Potential topics include but are not limited to:

- Innovative concepts in sensitive biosensors;
- New materials, nanomaterials and nanoparticles used in electrochemical biosensors: Conducting polymers, carbon nanomaterials, nanoparticles, and other based semiconductors;
- Devices and microfluidic systems, including electrochemical biosensors;
- Electrochemical detection analysis in situ and in vivo.

---

### Guest Editor

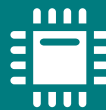
Dr. Hafsa Korri-Yousoufi

UMR-CNRS, Institute of Molecular Chemistry and Materials of Orsay, Bioorganic and Bioinorganic Chemistry Team, University Paris-Sud, 91400 Orsay, France

---

### Deadline for manuscript submissions

closed (14 September 2021)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 7.3  
Indexed in PubMed



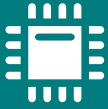
[mdpi.com/si/52038](https://mdpi.com/si/52038)

*Sensors*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 7.3  
Indexed in PubMed



[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)



## 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

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

---

### 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 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)