

## Special Issue

# Novel Sensing Technologies and Biomaterials in Biological Tissues Applications

### Message from the Guest Editors

New trends in sensing technologies, innovative 3D biomaterials, and novel measurement techniques have recently gained increasing attention for several cellular and biological tissue applications. The aim of this Special Issue is therefore to focus on the most emerging technologies, novel devices, innovative biomaterials, or applications in the biological and biomedical fields. The list of topics includes but is not limited to the following:

- Mechanical and/or electrical characterization of specific biomaterials and biological cells and tissues;
- Innovative measurement techniques for cell, biomaterial, or tissue characterization;
- Metrological characterization of sensors systems or novel devices for cell and tissue applications.

### Guest Editors

Dr. Emanuele Rizzuto

Dr. Livio D'Alvia

Dr. Barbara Peruzzi

### Deadline for manuscript submissions

closed (15 January 2024)



## Sensors

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/148750](https://mdpi.com/si/148750)

*Sensors*  
Editorial Office  
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 3.5  
CiteScore 8.2  
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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)