

Special Issue

Wearable and Implantable Electrochemical Sensors

Message from the Guest Editors

We are pleased to announce the upcoming Special Issue on "Wearable and Implantable Electrochemical Sensors". Wearable and implantable electrochemical sensors are highly specialized sensors that are designed to detect specific chemical analytes from body fluids (such as blood, interstitial fluid, sweat, etc.). These sensors based on electrochemical principles can provide real-time information about an individual's health status or disease progression. Furthermore, these sensors are wearable or implantable, making them highly portable and convenient for continuous monitoring over an extended period of time. The topics covered will include, but are not limited to, sensor design, fabrication, integration, signal processing, data analytics, and applications in various fields (such as biomedical, environmental monitoring, food safety, and personal wellbeing). The Special Issue aims to provide a platform for researchers and industry experts to share their latest research findings and technological advancements in the field of wearable and implantable electrochemical sensors.

Guest Editors

Dr. Zhanhong Li

Prof. Dr. Zhigang Zhu

Dr. Zifeng Wang

Prof. Dr. Nan Zhu

Deadline for manuscript submissions

closed (15 April 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/175400

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)