



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)

Message from the Guest Editors

Dear Colleagues,

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.

Dr. Zhanhong Li

Prof. Dr. Zhigang Zhu

Dr. Zifeng Wang

Prof. Dr. Nan Zhu

Guest Editors





sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 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 and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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