

## Special Issue

# Recent Advances in Ion Sensors 2024

### Message from the Guest Editors

Ion sensors continue to underpin the research aiming to address the complex challenges we face in many aspects of our daily lives. From personalized medicine to precision agriculture, safety and security, ion sensors play an important role in the development of diagnostics, treatment and the sustainable management of resources. We would like to invite you to share your innovations that are related to the aforementioned aspects of ion sensors. We would like to read papers on topics such as, but not limited to: electrochemical and optical sensors; methodologies for the application of sensors to in situ analysis; and the integration of ion sensors with electronic devices in, for example, wireless sensor networks or other smart sensor configurations. Moreover, we would welcome papers describing the utilization of statistical processing that enables simpler data processing, resulting in, for example, the better visualization of sensor data.

---

### Guest Editors

Dr. Aleksandar Radu

School of Chemistry, University of Lincoln, Green Lane, Lincoln LN6 7DL, UK

Dr. Ernesto Saiz

School of Health and Life Sciences, Teesside University, Middlesbrough TS1 3BX, UK

---

### Deadline for manuscript submissions

closed (30 September 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/164740](https://mdpi.com/si/164740)

*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)