

## Special Issue

# Nano-Diagnostic Sensors and Technologies

### Message from the Guest Editors

Nano-diagnostic technologies have been transforming conventional diagnoses in various contexts viz. healthcare, food safety, environmental securities, etc. In this Special Issue “Nano-Diagnostic Sensors and Technologies”, we invite such technological advancements directed towards every front of the diagnoses. This Special Issue will mainly cover topics related to sensing-based technologies, i.e., (bio)sensor development, point-of-care devices, devices for analyte monitoring, novel bioreceptors for sensing, signal amplification, etc. The other major focus of this Special Issue will be on the sensing modules with commercial potential. A few topics have been mentioned below, however this Special Issue is open to any article relevant to the core theme.

- Bioreceptor discovery;
- Signal amplification strategies;
- Biosensing modules for healthcare diagnoses;
- Sensors for environmental safety;
- Sensors for food safety;
- Nanodiagnostics for plant health assessments;
- Commercial aspects of nano-diagnostic modules

---

### Guest Editors

Dr. Buddhadev Purohit

Dr. Ashutosh Kumar

Dr. Kuldeep Mahato

---

### Deadline for manuscript submissions

closed (20 June 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/156408](https://mdpi.com/si/156408)

*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)