

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

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
Department of Electrical and Information Engineering, Politecnico di
Bari, Via Orabona 4, 70126 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)