

Special Issue

Nanosensors Used for Bioanalytical Systems

Message from the Guest Editors

There is considerable scientific and industrial interest in efficiently exploiting the unique physicochemical and structural properties of nanomaterials for the development of cost-effective, and eventually disposable, sensor devices. This has led to the development of a variety of microfluidic, microelectronic, lab-on-a-chip, and point-of-care platforms, which are impacting various areas of healthcare, the pharmaceutical sector, and the food industry. This Special Issue aims to collect original papers and reviews on the latest trends in the development of nanosensors for applications in, but not limited to, bioanalysis and diagnostics.

Guest Editors

Prof. Dr. Rosa Garriga

Departamento de Química Física, Universidad de Zaragoza, 50009 Zaragoza, Spain

Dr. Edgar Muñoz

Instituto de Carboquímica ICB-CSIC, Miguel Luesma Castán 4, 50018 Zaragoza, Spain

Deadline for manuscript submissions

closed (31 May 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/206889

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)