

## Special Issue

# The Applications of Nanomaterials Based Sensors

### Message from the Guest Editor

This Special Issue of the journals *Sensors* entitled “The Applications of Nanomaterials-Based Sensors” will cover a selection of recent research and review articles in the field of nanomaterials-based sensors for several applications. The use of materials at the nanodimension scale provides several improvements in terms of analytical features including sensitivity, rapidity of response, selectivity, and robustness, demonstrating the huge advantage of using nanomaterials over micromaterials in the development of smart and high-performant analytical tools. Research on the design and development of new nanomaterials-based sensors and applications will bring together stakeholders from different disciplines. The reader of this Special Issue will gain an appreciation of the real role of nanomaterials-based sensors and applications.

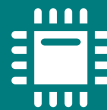
### Guest Editor

Dr. Andrea Bernardos

Instituto Interuniversitario de Investigación de Reconocimiento Molecular y Desarrollo Tecnológico, Universitat Politècnica de València, Universitat de València, Camino de Vera s/n, 46022 València, Spain

### Deadline for manuscript submissions

closed (5 June 2022)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 7.3  
Indexed in PubMed

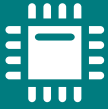


[mdpi.com/si/65399](https://mdpi.com/si/65399)

*Sensors*  
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 3.4  
CiteScore 7.3  
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 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)