

Special Issue

Nanomaterials in Chemical Sensors

Message from the Guest Editor

Chemical sensors have attracted a lot of research and commercial interests, with application areas encompassing almost every walk of life, including medical and food industries, consumer electronics, energy production and transportation and air quality control. The current trend in chemical sensors development focuses on sensing material optimization to improve the metrological performances, such as sensitivity, selectivity, reproducibility and stability.

This Special Issue on “Nanomaterials in chemical sensors” is devoted to assessing the ongoing research advancements in different groups of metal, organic, oxides, macrocycles and polymer-based nanomaterials in improving the chemical sensors performances. Thus, we invite researchers from the multidisciplinary area of materials science for a contribution in the form of research articles, reviews and perspectives in this Special Issue. Potential topics include but are not limited to:

- nanostructures
- porous materials
- chemical sensors
- electroanalysis
- molecular materials

Guest Editor

Dr. Abhishek Kumar

Smart Plastics Group, University of South Brittany (UBS), IRDL CNRS
6027, 56100 Lorient, France

Deadline for manuscript submissions

closed (25 April 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/170158

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 9.4
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)