

Special Issue

Carbon Nanosensors for Bio-Chemical Detection

Message from the Guest Editor

Carbon nanomaterials represent a new generation of materials having nanometer sizes. These classes of nanomaterials, including carbon nanoparticles, carbon and graphene quantum dots, graphene, graphene oxide, carbon fibers, carbon nanotubes, show exciting advantages with respect to classic single molecules, due to the combination of minuscule size and high surface area and have enormous potentiality for multipurpose uses, such as catalysis, medicine and biomedicine, and also sensing. The target of this Special Issue is to collect the recent advances on this field (research articles and review), in particular on the detection of chemical and biological analytes having high impact on human life, including, but not limited to transition metals, organic and inorganic pollutants, chemical weapons, neurotransmitters, molecules or biomolecules related to important diseases, and metabolites.

Guest Editor

Dr. Giuseppe Trusso Sfrazzetto
Department of Chemical Science, University of Catania, Catania, Italy

Deadline for manuscript submissions

closed (25 December 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/76352

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

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)