

Special Issue

Sensing Applications of Graphene & Related Materials

Message from the Guest Editor

With a theoretical surface area of about 2600 m²/g, graphene has been used in a wide range of sensing applications. In addition to graphene, other related materials have also been discovered, of which thousands have already been theoretically envisaged for various applications and several have been experimentally realized. Hexagonal boron nitride, phosphorene and several metal dichalcogenides, as well as metal monochalcogenides and MXenes, are the most studied graphene-related materials (GRMs). All these materials have distinct properties and have different characteristics from those of their bulk counterparts. One property, which is common to almost all GRMs, is their high surface areas. This makes GRMs interesting for most sensing applications. This issue is on the study of graphene and other GRMs for sensing applications.

Guest Editor

Dr. Yarjan Abdul Samad

Cambridge Graphene Centre, Engineering Department, University of Cambridge, 9, JJ Thomson Avenue, Cambridge CB3 0FA, UK

Deadline for manuscript submissions

closed (4 April 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/76864

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)