Special Issue

2D Materials for Advanced Sensing Technology

Message from the Guest Editor

This Special Issue aims to bring together original research and review articles focused on the development of 2D-based materials for advanced sensing applications. Topics of interest include, but are not limited to, the following:

- Synthesis, functionalization, and structural modification of 2D materials for sensor and biosensor applications.
- Characterization techniques for assessing surface chemistry, electronic properties, and interfacial interactions.
- Integration of 2D materials into flexible, stretchable, and wearable sensors.
- Novel approaches for enhancing sensor performance, including increased sensitivity, improved selectivity, and long-term stability.
- Theoretical and experimental studies on the interaction of 2D materials with analytes at the nanoscale level.

Guest Editor

Dr. Mikhael Bechelany

European Institute of Membranes (IEM), University of Montpellier, 34090 Montpellier, France

Deadline for manuscript submissions

20 December 2025

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/236364

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors

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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

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