

## Special Issue

# Graphene-Based Sensors: Design, Development and Application

### Message from the Guest Editors

This Special Issue compiles a set of innovative designs and developments on the use of graphene and graphene-like materials, as sensitive coatings, on a variety of sensors to detect and monitor targets. Due to the fact that each atom of graphene is a surface atom, graphene is extremely sensitive to the external environment. Its exciting potential has been combined in the works included in this Special Issue with the development of nanostructured coatings to develop a new generation of sensors with defined specificity.

This Special Issue aims to publish original research papers, as well as review articles, with a focus on various sensors (chemical sensors, biosensors, physical sensors, and so on) based on different sensing techniques and incorporating graphene-based materials. Topics include but are not limited to:

- Optical fiber sensors
- Physical sensors
- Chemical sensors
- Biosensors
- Electronic sensors
- Sensing technique
- Wearable sensors

Please contact the or the Assistant Editor at (pauline.yang@mdpi.com) for any queries. Please visit the website for more information.  
<https://www.mdpi.com/si/82529>

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### Guest Editors

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Dr. Miguel Hernaez  
Dr. Zoraida González

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### Deadline for manuscript submissions

closed (20 November 2024)



## Sensors

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## 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.

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