

## Special Issue

# The Development of Chemical Sensing Applications of Carbon Nanomaterials

### Message from the Guest Editor

The scope of this Special Issue encompasses, but is not limited to, the following areas:

- Chemical sensing applications—energy and environmental monitoring, food industry, biomedical sectors, military and security sectors, etc.;
- Synthesis, characterization, and sensing mechanisms of carbon nanomaterials—new, hybrid, or composite materials, as well as existing carbon nanomaterials;
- Design, fabrication, and performance optimization of carbon nanomaterial-based sensors;
- Computational studies and theoretical modeling aimed at understanding and predicting the properties and performance of carbon nanomaterials in the context of the targeted sensing applications;
- Identification of current challenges, bottlenecks, and future directions, opportunities, and potential breakthroughs in the development of carbon nanomaterial-based sensors.

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### Guest Editor

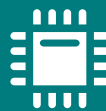
Dr. Junghoon Yeom

Naval Research Laboratory, Washington, DC, USA

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### Deadline for manuscript submissions

closed (15 December 2024)



## Sensors

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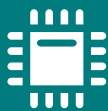


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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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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.

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### 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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