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.

Guest Editor

Dr. Junghoon Yeom
Naval Research Laboratory, Washington, DC, USA

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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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