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The Development of Chemical Sensing Applications of Carbon Nanomaterials

Guest Editor:

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Deadline for manuscript
submissions:

15 December 2024

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.



mdpi.com/si/171262

Special Issue



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Message from the Editor-in-Chief

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