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Carbon Nanomaterials for Multifunctional Applications

Guest Editor:

Dr. Ying Wu

School of Materials Science and Engineering, University of Science and Technology Beijing, Beijing, China

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Message from the Guest Editor

This Special Issue, titled "Carbon Nanomaterials for Multifunctional Applications," aims to explore the latest advances in harnessing the unique properties of carbon nanomaterials for diverse applications.

We invite researchers to contribute their original research articles, communications, and reviews to this Special Issue. Topics of interest include, but are not limited to:

1. Novel Fabrication Techniques: Exploring innovative methods for the synthesis and production of carbon nanomaterials.
2. Design of Multifunctional Materials: This may include flexible composites, coatings, and hybrids with tailored properties.
3. Advanced Characterization: Presenting cutting-edge techniques and tools for characterizing the microstructure and properties of carbon nanomaterials.
4. Applications in Emerging Fields: such as nanoelectronics, sensor technology, energy conversion and storage, catalysis, and more.
5. Carbon Nanomaterials for Environmental Solutions: such as gas adsorption and separation, water purification, and sustainable energy generation.
6. Safety and Toxicology: Discussing the safety and potential toxicological concerns associated with the use of carbon nanomaterials.



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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