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Functional Carbon-Based Nanomaterials and Nanocomposites

Guest Editors:

Prof. Hyungwoo Kim

School of Polymer Science and Engineering, Chonnam National University, Gwangju, Korea

Prof. Doojin Lee

School of Polymer Science and Engineering, Chonnam National University, Gwangju, Korea

Prof. Dr. Won Seok Chi

School of Polymer Science and Engineering, Chonnam National University, Gwangju, Korea

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Message from the Guest Editors

Carbon-based nanomaterials have numerous merits, including a large specific surface area, low density, high mechanical strength, and characteristic 3D structure, and can be widely functionalized through various chemical routes, which makes them a key component for the development of novel functional nanocomposites.

This Special Issue covers general topics on functional carbon-based nanomaterials and nanocomposites. The scope of this issue can be expanded from the synthesis and design of functional carbon-based nanomaterials to the fabrication and application of nanocomposites, which would benefit academia and industry as well. Interdisciplinary approaches are also much welcomed. The issue will publish full research papers, communications, and reviews.

We anticipate that this Special Issue could serve as a certain guiding role for the study of functional carbon-based nanomaterials or nanocomposites and stimulate a broader range of studies as well, leading to significant progress in this area.



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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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