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Functional Carbon-Based Nanomaterials and Nanocomposites

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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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