

## Special Issue

# Recent Advances in Graphene-Based Nanocomposites and Perspectives on Their Design

### Message from the Guest Editor

In this Special Issue, original research articles, reviews, and perspectives are welcome on research areas that may include (but are not limited to) the following:

- Synthetic approaches for the fabrication of graphene/GO-based nanocomposites;
- Synthetic approaches to limit graphene/GO-based nanocomposites' toxicity;
- Experimental methods to characterize graphene/GO-based nanocomposites;
- Graphene/GO-polymer nanocomposites;
- Graphene/GO-activated carbon nanocomposites;
- Graphene/GO-metal oxide nanocomposites;
- Graphene/GO-metal nanocomposites;
- Graphene/GO-fiber nanocomposites;
- Graphene/GO nanocomposites with tetrapyrrole compounds;
- Graphene/GO nanocomposites with various quantum dots;
- Computational studies of graphene/GO-based nanocomposites;
- Versatile applications of graphene/GO-based nanocomposites;
- Challenges in the design, characterization, and application of graphene/GO-based nanocomposites and ways of overcoming them;
- Design of novel graphene/GO-based nanocomposites and their potential applications;
- Toxicity studies on graphene/GO-based nanocomposites;
- Graphene/GO-based nanocomposites' regulation issues.

### Guest Editor

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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