



Advanced Graphene-Based Composites

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Message from the Guest Editors

Dear Colleagues,

Graphene has been designated a “miracle material” owing to its combination of unprecedented properties such as high intrinsic mechanical strength, high electrical and optical features, high thermal conductivity and exceptionally high surface area. More recently, graphene-based multifunctional polymer composites have presented new opportunities in a wide range of applications such as catalysis, supercapacitors, membranes, energy storage, optoelectronic devices, aerospace and biomedicine. These advanced graphene-based multifunctional composites could constitute a fundamental and versatile building block of future technologies as we enter the *post-carbon era*.

In this context, it gives us great pleasure to edit this Special Issue on “Advanced Graphene-Based Composites”. This Special Issue will cover basic scientific and engineering aspects such as novel manufacturing approaches for graphene-based composites and their structural manipulation for a diverse range of applications, involving, but not limited to, pharmaceutical nanotechnology, tissue engineering, energy storage, water treatment, catalysis and optoelectronics.





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Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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