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## Advanced Nanocomposites Materials Based on Graphene Oxide/Reduced Graphene Oxide: Potential Applications and Perspectives

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### Message from the Guest Editors

In recent years, graphene oxide (GO) and reduced graphene oxide (r-GO) have received a great deal of attention as precursors of graphene-like 2D layered nanomaterials. There has been a growing number of intensive studies which address the preparation and characterization of new nanocomposites which integrate GO or r-GO (GO/r-GO) with polymers, inorganic nanoparticles (metal, metal oxide, etc.), or even nanotubes and fullerenes.

Nanocomposites based on GO/r-GO and inorganic nanoparticles such as Au, Ag, Pt, etc. have attracted great attention for various applications as catalysts, photocatalysts, electrodes, sensors, substrates for surface-enhanced Raman spectroscopy, and biomedical applications. So, the development of new synthesis methods for GO/r-GO and nanoparticle composites with good control of size and morphology is necessary to obtain interesting devices.

In addition, the combination of GO/r-GO with different dimensions of carbon-based materials has shown superior performance in several cases.

It is our honor and pleasure to invite you to submit a manuscript.



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## Message from the Editor-in-Chief

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