

Special Issue

Graphene nanocomposites: synthesis, characterization, and applications

Message from the Guest Editor

Recently, new trends in graphene and graphene oxide nanocomposites research has emerged.

Graphene/graphene oxide-silver nanocomposites are one of the most intriguing class of materials that combine the extraordinary characteristics of graphene with the unique properties of silver nanoparticles. The synergetic properties of these composites have potential applications across different fields. This special issue highlights the recent advances in synthesis and applications of these nanocomposites with emphasis on green and benign synthesis routes and functional applications in sensors, catalysis/ photocatalysis, antimicrobial/antifouling agents, and energy storage. We welcome submission of both original research and review articles within the scope of this special issue.

Guest Editor

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Deadline for manuscript submissions

closed (10 December 2021)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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