

Special Issue

Graphene Oxide Composites

Message from the Guest Editor

Graphene shows great promise for applications in many fields. Graphene and its derivatives, graphene oxide (GO) and reduced graphene oxide (rGO), have been used as components for composite materials. GO, an important derivative of graphene, is amphiphile with hydrophilic edges and a hydrophobic basal plane. Oxygen-containing functional groups not only improve the dispersion of GO in aqueous solution but also serve as the bonding sites for heterogeneous materials.

Therefore, GO is considered a promising component for composite materials. GO composites synthesized by various methods can be used for solar cells, supercapacitors, sensors, fuel cells, batteries, etc. The versatile applications and synthesis methods of GO composites have opened up a whole new direction for research and development. In this Special Issue, papers related to composites made with GO, graphene, and rGO are all invited.

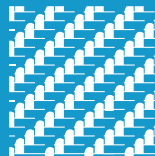
Guest Editor

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