Special Issue

Graphene Based Composites for Energy Applications

Message from the Guest Editor

Graphene-based composites are constructed by introducing graphene family materials, including graphene, graphene oxides, or doped graphene, into hierarchical fibre composites as additives. Hierarchical fibre composites are a type of composite material in which components of different sizes are combined in a controlled way to significantly improve their thermal, electrical, and mechanical properties. Graphene-based composites have been applied broadly in different applications, including frameworks for airplanes or vehicles to save the energy consumption, structural capacitors for energy storage, as well as electrode materials for batteries/supercapacitors.

Guest Editor

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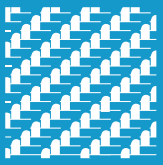

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