Special Issue

Hybrid Graphene Materials for Energy Applications

Message from the Guest Editor

The Special Issue, “Hybrid Graphene Materials for Energy Applications”, will address advances in materials synthesis, processing, characterization, and application into energy storage and conversion applications.In this Special Issue, we will focus on hybrid graphene materials for different energy applications, including batteries, supercapacitors, fuel cells, solar cells, thermoelectric generators, electro-catalytic conversions, etc. Using graphene’s marvelous properties, such as high electrical/thermal conductivity, high surface area, and catalytic properties, many researchers have developed functional hybrid materials and improved performance in different applications. Of particular interest are recent developments in graphene-based advanced materials, characterizations, and applications in energy-related systems. Articles and reviews dealing with these topics are very welcome.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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