Special Issue

Graphene-Reinforced Polymer Composites

Message from the Guest Editor

The graphene of different structures has amazing mechanical properties, which makes it theoretically a decent fortification in polymer framework composites to enhance the thermal, electrical, mechanical, and optical properties of the polymers. ***Graphene-Reinforced Polymer Composites*** are focused on novel routes to develop and characterize graphene-reinforced functional polymer composites. Graphene prepared via the chemical vapor deposition approach, exfoliation method, epitaxial growth, and wet-chemistry approach are all encouraged. Polymers such as epoxy, PS, polyaniline, polyurethane, poly (vinylidene fluoride), Nafion, polycarbonate, PET, and so on are all suitable. The functions and efficiency of various graphene/polymer functional composites are also focusing on the polymer source of adsorption materials, the application of catalytic materials in chemical reactions, the pore size characteristics of separation materials (low permeability, nanofiltration, ultrafiltration, microfiltration), and the use (tissue engineering and medical materials) of biomedical materials.

Guest Editor

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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