

Special Issue

Advances in Nanofillers Reinforced Polymer Nanocomposites

Message from the Guest Editor

Recently, new-generation nanomaterials such as graphene (GE), carbon nanotube (CNT), and clay have been used as nanofillers to improve properties of unfilled polymer matrices. These nanofillers are characterized with at least one dimension below 100 nm. Moreover, these nanofillers improve the properties to an optimum amount at very small amount as compared to CB. These advantages mean that such nanofillers are a promising alternative to CB-reinforced polymer composites. This Special Issue will address the use of these nanofillers in polymer nanocomposites as an alternative to CB, and their effect on mechanical, electrical, and thermal properties. The improved properties of these nanofillers may be explored in industrial applications such as piezo-electric actuation, piezo-resistive strain sensor, coatings, energy harvesting, tires, etc.

Guest Editor

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Message from the Editor-in-Chief

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

Prof. Dr. Alexander Böker

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