Special Issue

Carbon Materials Modified Polymeric Composites

Message from the Guest Editors

Carbon-based nanomaterials such as carbon nanotubes, fullerenes, activated carbon, and graphite have been used as energy materials because of their exclusive properties. These materials can be used in drug delivery, electronics, composite materials, sensors, field emission devices, energy storage and conversion thanks to their outstanding chemical, mechanical, electrical, and thermal properties. The combination of carbon-based nanomaterials and polymers is very important for engineering applications because of the good thermo-mechanical properties of the composites. The properties of carbon–polymer composites are enhanced as a result of the interaction between the polymer matrix and the reinforcing nanofiller. These carbon–polymer composites have been used in lightweight crafts, energy storage devices, conductive glue, sensors, gas storage devices, and for defense purposes. This Special Issue invites manuscripts reporting on the synthesis, characterization, physico-chemical properties, and applications of filler–polymer composites. Research articles, reviews, and communications are welcomed.

Guest Editors

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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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