

Special Issue

Multifunctional Polymer Composites Reinforced with Carbon Materials—Structure, Properties and Application

Message from the Guest Editors

This Special Issue allows research scientists, engineers and asset managers to promote their scientific and technical advancements in the field of carbon-polymer composites via the submission of papers. This Special Issue invites both original research articles and critical reviews on the most recent advancements in carbon-reinforced polymer composites. Special attention will be paid to the following topics:

- Carbon nanoparticles, nanotubes and nanofibers for polymers;
- Carbon fiber reinforcements;
- Graphene oxide, reduced graphene oxide and functionalized graphene structures dedicated for polymers;
- Porous carbon materials and carbon-carbon composites as polymer filler;
- Metal-carbon, metal oxide-carbon hybrid materials applied in polymers;
- Composites based on thermoplastic and thermoset polymer matrix;
- New processing techniques and optimization studies;
- Electrically and thermally conductive polymer composites with carbon materials;
- Polymer composites containing carbon materials dedicated for tribological applications;
- Recycling of carbon reinforcement, e.g., carbon fibers or particles and carbon-polymer composites.

Guest Editors

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Deadline for manuscript submissions

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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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