

Special Issue

Multifunctional Carbon-Based Polymer Nanocomposites

Message from the Guest Editors

In recent years, there has been significant progress in the development of "Multifunctional Carbon-Based Polymer Nanocomposites", expanding the concept of the nanocomposites used in various domains including telecommunication, in the form of EMI shielding applications; construction, in form of cement reinforcements; and the energy sector, as conductive nanocomposite electrodes. This Special Issue focuses on the advancements in the development of multifunctional nanocomposites, particularly in the realm of carbon-based fillers. These nanocomposites are multifunctional because they exhibit a diverse range of properties, including mechanical, electrical, thermal, and chemical characteristics, due to their complex compositions and structures. This Special Issue welcomes contributions that explore various aspects of carbon-based nanocomposites, including their design, composition, fabrication, microstructure, characterization, analysis, application, service behavior, recycling, and beyond.

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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