Special Issue

Applications of Graphene and Fullerene Nanocomposites

Message from the Guest Editor

Over the past two decades, advanced carbon-polymer composites (micro, nano and hybrids) and Fullerenes are subject of significant and impactful research for their utilization in an increasing number of applications like petrochemical, energy, biomedical, automotive, aerospace, defence, sporting goods and infrastructure development. In particular, carbon nanotubes and graphene are being intensively explored as they impart unique combinations of superlative chemical, physical and mechanical properties, when mixed with thermoplastic and thermoset polymers and their composites (i.e. multi-scale hybrids). This Special Issue will focus on the preparation, development and application of various fullerene-filled polymers. The open access issue intends to cover the radical step-change in the capabilities and application of carbon-polymer composites (micro, nano and hybrids), brought about by advances in fullerenes and the related hybridization/composite processing technologies. Research articles, which include practical experimental results and critical theory, are particularly encouraged.

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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