

Special Issue

Advanced Graphene-Based Composites

Message from the Guest Editors

Graphene has been designated a “miracle material” owing to its combination of unprecedented properties such as high intrinsic mechanical strength, high electrical and optical features, high thermal conductivity and exceptionally high surface area. More recently, graphene-based multifunctional polymer composites have presented new opportunities in a wide range of applications such as catalysis, supercapacitors, membranes, energy storage, optoelectronic devices, aerospace and biomedicine. These advanced graphene-based multifunctional composites could constitute a fundamental and versatile building block of future technologies as we enter the *post-carbon era*. In this context, it gives us great pleasure to edit this Special Issue on “Advanced Graphene-Based Composites”. This Special Issue will cover basic scientific and engineering aspects such as novel manufacturing approaches for graphene-based composites and their structural manipulation for a diverse range of applications, involving, but not limited to, pharmaceutical nanotechnology, tissue engineering, energy storage, water treatment, catalysis and optoelectronics.

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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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