

Special Issue

Recent Advances in Graphene Modified Composites

Message from the Guest Editors

Polymers are one of the most widely used materials at present, but most polymers still need to be improved in terms of their mechanical properties and electrical and thermal conductivity. Graphene has attracted widespread attention due to its excellent properties, meaning that it represents a new solution for improving polymer properties. Graphene is a two-dimensional sheet material that is extremely thin, has a high specific surface area, and has excellent electrical, thermal, and mechanical properties. The advantages of graphene and its related derivatives have enabled the practical application of graphene-enhanced polymers and composites in various emerging fields such as wearable sensors, electrical and thermal conductive materials, nanofiltration membranes, electromagnetic interference shielding, and energy storage materials. This Special Issue invites authors to submit both original research articles and critical reviews on the most recent progress in graphene modified composites.

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2023)



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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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