



Nanoparticle-Reinforced Polymers

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Message from the Guest Editor

Polymer/nanoparticle nanocomposites have attracted considerable research interest over the last few years in order to develop advanced materials for a wide range of applications. One of the main goals of the addition of nanoparticles to polymers is to improve their mechanical performance.

This Special Issue is planned to bring together a number of original papers and reviews covering (but not restricted to) the following topics:

- Novel fabrication methods of polymer/nanoparticle composites
- Properties of nanoparticle-reinforced polymers (mechanical, thermal, electrical, optical, chemical, magnetic, etc.)
- Structure–property relationships in polymer nanocomposites
- Applications of nanoparticle-reinforced polymers
- Adverse effects of nanofiller-reinforced polymeric materials
- Future perspectives for nanofiller-reinforced polymeric nanomaterials

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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 5.0.

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.

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