Special Issue

Polymer Nanocomposites: Synthesis, Properties and Applications

Message from the Guest Editors

As multifunctional and advanced materials, polymer nanocomposites are currently a thriving area of scientific research. These synthetic polymer nanocomposites are vital components of modern society and the global economy. Various functional polymer nanomaterials have been prepared, and their preparation methods are constantly being improved. Due to their enhanced mechanical, optical, electrical, and thermal properties, polymer nanocomposites have important applications in many fields, including catalysis, pollutant degradation, coatings, medical materials, electronic functional materials, etc. This Special Issue seeks original research articles on the synthesis, properties, applications, and understanding of polymer nanocomposites. Research topics will include, but are not limited to, the following: Novel synthesis of polymer nanocomposites; Distinctive properties of polymer nanocomposites; Applications of polymer nanocomposites; Developments and design of polymer nanocomposites; Unique morphology of polymer nanocomposites. We look forward to receiving your contributions.

Guest Editors

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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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