

Special Issue

Emerging Applications of Polymer Based Nanocomposites

Message from the Guest Editors

Dear Colleagues, Polymer-based materials are characterized by macromolecules with different functional groups and consist of a wide range of chemical–physical configurations. The fascinating world of nanocomposites offers materials with unique properties and new functionality due to the use of a combination of organic–inorganic materials, which would otherwise not be achievable with pristine materials. Nanoscale engineering allows for tunability of composition, structure, and size to achieve final properties suitable for varying, disparate applications. This Special Issue will cover basic scientific and engineering advances, such as novel manufacturing approaches for polymer-based materials and nanocomposites, to contribute to the diverse field of emerging applications, including those in energy production and storage, sensors, electronics, biomedical and bio-based smart devices, green technology, food industry, etc.

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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