

## Special Issue

# Polymer Composites for Packaging: Synthesis and Application

### Message from the Guest Editors

The main segment of packaging materials falls on plastic and its composites. This is due to their sufficiently higher mechanical strength, lightness, indifference to a large number of products, manufacturability, cheapness, the availability of raw materials and the ability to create various composites. However, such packaging is fraught with the fact that its degradation in natural conditions takes a long time, up to tens and hundreds of years. Biodegradable packaging materials are being developed to solve this problem, but they are usually not competitive with conventional packaging materials in terms of a higher cost and worse physico-chemical properties. Therefore, at this stage of development, it is very important to develop sustainable packaging materials that will help solve the problem of mass environmental pollution caused by the use of plastic and which will also have a positive impact on the global economic situation. In this Special Issue, it is proposed to consider the modern achievements of advanced technologies in the field of synthesis of polymer composites and materials using actual physical, chemical and biological methods.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 February 2024)



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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