

Special Issue

Modification of Natural Biodegradable Polymers

Message from the Guest Editor

The rapid development of specialized applications for polymeric materials in various technological sectors and other aspects of life demands increasingly higher qualitative standards. The widespread use of these materials has led to a significant burden on the natural environment, primarily due to the growing amount of plastic waste. Therefore, it is essential to promote the mass-scale application of biodegradable polymers. This Special Issue aims to gather research from experts worldwide to explore the crucial role of biodegradable polymers in addressing plastic pollution. This Special Issue aims to focus on progress in the field of natural biodegradable polymers. It covers the following topics: (1) methods for the preparation of biodegradable polymers; (2) research on biodegradable polymers of natural and synthetic origin; (3) research on biocomposites and composite materials; (4) the properties and characterization of biodegradable polymers; (5) applications of biodegradable polymers in various fields; (6) modification of biodegradable materials; and (7) research on life cycle assessments and the analysis of degradation products.

Guest Editor

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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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