

Special Issue

Modification and Application of Natural Polymers

Message from the Guest Editor

Natural polymers play an essential role in the human and natural world, and they can be derived from a wide variety of sources. In recent years, a large number of natural polymers have been studied extensively. These polymers show a good variety of characteristics and an excellent application prospect in the field of food and medicine. However, these polymers are sometimes less useful due to some poor properties. Thus, modified or biodegraded natural polymers tend to show better characteristics and have better applications, such as from high polymerization degree to low polymerization degree sugar tend to have higher biological activity. Natural polymers have been widely used in a variety of applications such as industry, agriculture, food, and pharmaceuticals. The proposed Special Issue focuses on:

- The discovery of natural polymers derived from plants, animals, and microorganisms.
- The physical, chemical, and biological characterization of natural polymers.
- The modification of natural polymers.
- Synthesis of artificial polymers.
- Characteristics of the functional properties of natural polymers.
- New applications of modified or natural polymers.

Guest Editor

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Deadline for manuscript submissions

closed (25 April 2024)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



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About the Journal

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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