

Special Issue

Sustainable Natural Polymers from Biomass

Message from the Guest Editors

Natural biomass is a practically inexhaustible resource for obtaining valuable useful components. Currently, research is being actively conducted on the production of natural polymers by both catalytic and non-catalytic methods.

In addition, an important area of research is the development, production and study of new derivatives of natural polymers. Simultaneously, the number of unique studies on obtaining new modified derivative components of plant biomass has increased. Thanks to their wide range of properties, these derivatives can be used in many areas, ranging from medicine and pharmacology to construction and the food industry.

It should be noted that, along with experimental methods for studying natural polymers, theoretical methods are also being actively developed, it is possible to predict a number of the physicochemical properties of new materials in order to study the patterns and synthetic pathways of individual components. Reviews on the isolation and modification of biomass polymers are also welcome in this Special Issue. At the same time, discussion of new areas of application, market prospects of biomass polymers and their derivatives is welcome.

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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