

Special Issue

Advanced Study on Natural Polymers and Their Applications

Message from the Guest Editors

Natural polymers include polysaccharides, lignin, proteins, nucleic acids, and so on, which are substances made up of large molecules, or macromolecules, that occur naturally in living organisms. Natural polymers have been modified or used as raw materials for the production of biodegradable polymers and biobased polymers or chemicals, such as bioplastics, rubbers, nanofibers, adhesives, and hydrogels. In recent years, there has been a growing interest in utilizing natural polymers for various applications due to their biodegradability, abundance, and sustainability. Their unique properties and sustainability make them an attractive alternative to synthetic polymers. Further research and development in this field can lead to innovative solutions and advancements in various industries. Researchers are exploring ways to modify and process these polymers to enhance their properties and expand their industrial applications. Additionally, the development of natural polymer-based materials can help reduce dependence on petroleum-based polymers and contribute to a more environmentally friendly future.

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 4.9.

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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