

Special Issue

Advanced Biopolymers and Biocomposites

Message from the Guest Editors

This Special Issue presents advanced research on the subject of synthesis and studies the structure of the latest highly effective and durable biopolymers and biocomposites with a unique set of functional characteristics. A modern overview of scientific developments is presented in the direction of the foundations of the creation of a new generation of composite and polymer materials based on biopolymers of various natures with the use of a multifunctional range of modifiers and fillers (carbon, ceramic and nanofillers, synthetic and natural fibers), with the aim of providing them with specific and unique properties. The designed advanced biopolymers and biocomposites can be used in various branches of modern industry, such as automotive, construction, electronics, containers and packaging, medicine, pharmaceutical engineering, etc. This Special Issue also discusses the most effective methods of synthesis and design of advanced biopolymers and biocomposites in order to achieve broad functional physical, chemical, and biological capabilities.

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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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