Special Issue

Advances in Biomaterials and Biobased Polymers

Message from the Guest Editor

Biobased polymers are an important class of polymer based on biological origin that may be classified into polysaccharides, polyester, polyamides, polypeptide, etc. Natural polymers are an alternative to synthetic polymers due to its generation from renewable resources. Biopolymers are excellent materials for application as biomaterials as they have unique properties of biodegradability and biocompatibility. The presence of an abundant functional group make it very easy of further chemical modification for specific biomedical application. Polymer processing is key to give some shape, such as membrane, nanofiber, beads, nanoparticles, etc., for application in specific fields of research. Natural polymers can be processed by itself or by compositing or blending with a synthetic polymer of specific interest. Biobased polymers are not only very useful for application in the area of biomedicine but also for environmental applications.

Guest Editor

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Deadline for manuscript submissions

closed (29 February 2024)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/180579

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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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