

Special Issue

Functionalized Polymers from Lignocellulosic Biomass: Fractionation, Conversion and Applications

Message from the Guest Editors

Since the realization that global sustainability depends on renewable sources of materials and energy, there has been an ever-increasing need to develop bio-based polymers that are able to replace petroleum-based polymers.

The aim of this Special Issue titled “Functionalized Polymers from Lignocellulosic Biomass: Fractionation, Conversion and Applications” is to gather a collection of original research and review contributions from world-leading scientists working with lignocellulosic biomass. Thus, research that is representative of the current developments dealing with the advances and challenges in synthesis and applications of specialty polymers and composites derived from cellulose, hemicellulose, and lignin, ending with a brief assessment of genetic modification as a route to tailor crop plants for specific applications, are very welcome to the Special Issue.

Submitted manuscripts should not have been published previously nor be under consideration for publication elsewhere. All manuscripts are refereed through a peer-review process. A guide for authors and other relevant information for submission of manuscripts are available on the journal's website.

Guest Editors

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Deadline for manuscript submissions

closed (15 February 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/97548

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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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