



Sustainable Biochemicals and Biopolymers from Bioresources

Guest Editors:

Dr. Shengbo Ge

Prof. Dr. Wanxi Peng

Dr. Yequan Sheng

Deadline for manuscript
submissions:
closed (15 October 2023)

Message from the Guest Editors

Bioresources are extremely common and widespread in nature. They play crucial roles in a huge number of research areas: health, biopharma, food, cosmetics, chemicals, bioplastics, biopackaging, biotechnology, building, fuels, etc.

For these reasons, the research in new methods for producing valuable biochemicals or biocomposites from natural bioresources with novel properties and applications is a hot topic that is rapidly evolving in organic polymer sciences. Biochemicals are obtained from bioresources through physical or chemical conversion. Common pyrolysis or catalytic conversion methods are promising technologies for converting bioresources into valuable bioproducts. Biocomposites are formed by two or more phases, usually derived from organic polymers as the matrix and fibers as the reinforcement. Generally, the strength and stiffness of the fiber materials are much higher than those of the polymer matrix materials, and thus the fibers are the major load-bearing component in polymer composites.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für
Angewandte Polymerforschung,
Lehrstuhl für Polymermaterialien
und Polymertechnologie,
Universität Potsdam,
Geiselbergstraße 69, 14476
Potsdam-Golm, Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI