



Biomaterials and Biobased Polymers

Guest Editors:

Dr. Min Jiang

Division of Energy Materials (DNL 22), Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, China

Prof. Dr. Yuanpeng Wu

New Energy Materials & Technologies Research Center, School of Materials Sciences & Engineering, Southwest Petroleum University, Chengdu 610500, China

Deadline for manuscript submissions:

closed (20 January 2024)

Message from the Guest Editors

Dear Colleagues,

Biomaterials are a class of materials that exhibit compatibility and interactivity with biological tissues, making them extremely valuable in the fields of engineering, science, and medicine. With their vast potential for disease diagnosis and treatment, tissue repair, and health management, biomaterials have become an essential component of medical research. The design and preparation of these materials will undoubtedly have a profound impact on the future of life sciences. Biobased polymers are extensively employed as synthetic biomaterials in the fields of medical devices, tissue engineering, drug delivery, and biosensors.

This Special Issue on "Biomaterials and Biobased Polymers" will present the latest developments in the application of biobased polymers as biomaterials. Topics may include, but are not limited to: bio-soft tissue, bio-hard tissue, biobased plastics, biodegradable plastics, biobased foam, etc. This Special Issue will also highlight advanced applications of these materials.

Dr. Min Jiang
Prof. Dr. Yuanpeng Wu
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 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 5.0.

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](#)