



Biodegradable Polymers: Innovations in Processing, Diverse Applications, and Sustainable Solutions

Guest Editors:

Dr. Vesna Ocelić Bulatović

Faculty of Chemical Engineering
and Technology, University of
Zagreb, 10000 Zagreb, Croatia

Dr. Dajana Kučić Grgić

Faculty of Chemical Engineering
and Technology, University of
Zagreb, 10000 Zagreb, Croatia

Deadline for manuscript
submissions:

10 November 2024

Message from the Guest Editors

Biodegradable polymers represent an important facet of sustainable materials science and offer solutions to the growing environmental problems associated with conventional plastics. This Special Issue explores the various aspects of processing biodegradable polymers, including synthesis methods, manufacturing techniques, characterization methods, and industrial-scale production processes. It also aims to highlight the wide range of applications in various fields such as packaging, biomedicine, agriculture, automotive, and more. By promoting interdisciplinary dialog and collaboration, this Special Issue aims to accelerate the development and use of biodegradable polymers as a viable alternative to conventional, non-degradable plastics, thus contributing to the advancement of sustainable materials technology.

This Special Issue welcomes original research articles, reviews, and short communications that advance the understanding, development, and use of biodegradable polymers in various applications and industries.





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