

Special Issue

Preparation and Application of Biodegradable Polymers

Message from the Guest Editors

We invite contributions from academics and professionals, including original research papers and reviews to cover the following topics:

1. Methods for the preparation of biodegradable polymers, including research on biodegradable polymers of natural and synthetic origin, and studies on composite materials;
2. Properties and characterization of biodegradable polymers, such as thermal properties, mechanical performance, and degradation mechanisms;
3. Applications of biodegradable polymers in various fields, including packaging, medical, agricultural, and environmental conservation;
4. Research on the sustainability and environmental impact of biodegradable polymers, including life cycle assessments and analysis of degradation products;

We encourage all interested authors to actively submit their work to advance research and applications in this area. If you have any questions or need further information, please feel free to contact us. We eagerly await your participation!

Guest Editors

Dr. Mingwei Yuan
Prof. Dr. Yuyue Qin
Dr. Dengbang Jiang

Deadline for manuscript submissions

closed (25 July 2025)



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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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