

Special Issue

Bioplastics

Message from the Guest Editors

Bioplastics, encompassing both biobased and biodegradable polymers, are at the forefront of sustainable materials research. With increasing global emphasis on reducing our environmental impact, these materials offer transformative potential across industries. This Special Issue will explore the latest advances in biobased and biodegradable polymers, including their synthesis, processing, functionalization, and applications across diverse industries. Topics of interest include the following:

- The design and application of bioplastics in packaging, agriculture, and industrial uses;
- Reactive extrusion processing, polymer blends, and recyclable bio composites;
- Recycling-friendly bioplastics and strategies for closed-loop recycling systems;
- The valorization of waste materials for the sustainable production of bioplastics;
- Explorations of bioplastics for high-performance, durable applications.

Guest Editors

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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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