

Special Issue

Advances in Biodegradable Polymer Film

Message from the Guest Editor

The growing demand for environmentally friendly materials has led to significant advancements in the development of biodegradable polymer films. The scope of this Special Issue includes, but is not limited to, the following topics:

Novel methods for the synthesis of biodegradable polymer films with enhanced mechanical and barrier properties;

The use of bio-based feedstocks for film production, with a focus on renewable resources;

Advancements in processing techniques that optimize the production of polymer films for various applications;

Environmentally friendly production processes, including solvent-free techniques and the use of green chemistry principles;

Studies on the degradation mechanisms and environmental impact of biodegradable films;

Applications of biodegradable polymer films in packaging, agriculture, and biomedical fields. **Keywords:**

- biodegradable polymers
- sustainable materials
- renewable resources
- green chemistry
- environmental impact

Guest Editor

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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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