



Biopolymers for Food Packaging Films and Coatings

Guest Editor:

Dr. Farhad Garavand

Teagasc Moorepark Food
Research Centre, Co. Cork, P61
C996 Fermoy, Ireland

Deadline for manuscript
submissions:

closed (25 April 2022)

Message from the Guest Editor

In recent years, the use and development of biodegradable resources in the preparation of biopolymers has gained great importance among academics and industrialists, especially for food packaging applications. Hiring bio-based resources in place of petroleum-based materials to formulate polymeric composites has captivated a lot of attention in terms of environmental, economic, and sustainability concerns.

Biopolymers, per se, have various mechanical, physical, and thermal drawbacks in comparison to frequently used polymers. In this respect, a number of approaches such as the incorporation of nanomaterials, crosslinkers, plasticizers, combination with other polymers/biopolymers, and utilization of functional bioactives and antimicrobials have been engaged to cope with these drawbacks. In addition to reinforcement methods, novel approaches to fabricate food packaging films and coatings are considered as well. All bio-based composite films and coatings are covered in this Special Issue through a rapid peer-review process in the form of research papers, reviews, and perspectives. The manuscripts should be submitted online before 25 April 2022.





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 (*Polymers and Plastics*)

Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)