

Special Issue

Smart Polymeric Films and Coatings for Food Packaging Applications

Message from the Guest Editors

Active and intelligent films and coatings are designed to extend the shelf life of a packaged food product or to maintain or improve its condition. Smart packaging can monitor the condition of a packaged food or the environment surrounding the food, make it possible for the degree of freshness of a foodstuff to be recognized on the packaging, or enable a longer shelf life for the foodstuff. Most food from the supermarket is packaged, as the food lasts longer, and thus, less is thrown away. However, the packaging effort often goes far beyond this goal, and more research, control, and transparency regarding the polymers used and their safety and new functionalities would be desirable. Increasingly, for example, elements such as absorbers are found in packaging, or food is packaged in a protective atmosphere. It is our pleasure to invite you to submit a manuscript to this Special Issue and contribute to the current knowledge in the field, providing the food industry with new insights into the development of novel polymeric films and coatings based on novel bio-based materials (sustainable and green) and their innovative functionalized applications.

Guest Editors

Dr. Sneh Punia Bangar

Dr. Yuthana Phimolsiripol

Dr. Monica Trif

Deadline for manuscript submissions

closed (25 October 2022)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/98489

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)



About the Journal

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 4.7.

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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of
Potsdam, 14476 Potsdam-Golm, Germany

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)