

Special Issue

Biodegradable Polymers for Food Industry

Message from the Guest Editor

For the last 50 years, polymeric materials have been widely used for the manufacturing of foods because of their performance and ease of production. These polymers can be classified into three categories according to their production origins: extracted from biomass, synthesized from bio-derived monomers, and produced from microorganisms without any noxious effects on health. With the attractive features of the polymers such as biodegradability and bio/environmental compatibility over non-biodegradable synthetic polymers, biodegradable polymers have found widespread applications in food industries, i.e., food packaging, nutrients protection, etc. The primary aim of this Special Issue is the presentation of the latest advances in the practical applications of biodegradable polymers in producing new, safe, and high-quality products in traditional and modern food industries. In addition, manuscripts focused on characterization, structural–property relationships, and degradation processes of biodegradable polymers are also welcome.

Guest Editor

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Deadline for manuscript submissions

closed (30 August 2023)



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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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