

Special Issue

Polymers for Packaging Applications

Message from the Guest Editor

This Special Issue will aim to discuss new packaging solutions, with an ultimate goal of denoting weaknesses and opportunities to improve sustainability efficiency in the packaging sector. In particular, bio-based polymers obtained from renewable resources are driving ambitions to replace conventional packaging materials, coming from non-renewable resources, in order to reach a more sustainable development of the packaging industry. This Special Issue will give a chance to the academic, as well as industrial, world to present an overview of novel polymers for packaging applications, focusing attention on their mechanical, chemical–physical, morphological and gas barrier performances, in order to establish a structure–property relationship. Mechanisms and pathways of polymer degradation will also be taken into consideration. These new smart plastics will be compared to traditional ones, which are extensively employed in the food packaging sector. Research papers, as well as reviews, are welcome.

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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