



Advances in Polymer Materials and Food Science

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Message from the Guest Editors

In the last years, the implementation of new food preservation solutions has been essential in reducing global food waste. Food preservation technology improvements through the development of innovative food packaging materials that extend the shelf life of food constitute an alternative to traditional post-harvest practices, which are more aggressive, less sustainable, and have more risks to human health.

Consequently, research into innovative polymeric materials for food packaging applications is vital for improving the food industry.

This Special Issue on “Advances in Polymer Materials and Food Science” is focused on original research and current review articles related to new food packaging materials.

This Special Issue primarily covers the following topics:

- Nanocomposites;
- Multifunctional materials;
- Active packaging materials;
- Intelligent packaging materials;
- Biopolymers;
- Biobased materials;
- Biodegradable materials;
- Edible films and coatings.

Innovative and original research articles or reviews are welcome for inclusion in this Special Issue of *Polymers*.





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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 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.

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