

Special Issue

Application of Polymer Materials in the Food Packaging

Message from the Guest Editors

Food packaging plays a crucial role in the food industry, and in fact, is very complex in nature - the packaging materials should preserve the quality of the packaged food by providing the needed micro-environment and protect it from physical damage, (UV) light and other impurities, oxygen, and water vapor transpiration. In addition to meeting the strict food regulations, the new packaging materials should also respond to the increased food production demands and satisfy the increased consumers' requirements mainly directed towards packaging' sustainability and its impact on the environment. A number of scientific studies in the recent decades have shown that modified traditional polymers are promising materials for a variety of food categories; they can be made as recyclable, biodegradable, bio-based, and/or reusable, and thus, respond to the novel sustainability trends. In addition, some of them have been proven as cost-effective and high-performance sustainable alternatives to the traditional polymers.

Guest Editors

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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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