

Special Issue

Food Packaging With Essential Oils: Recent Trends and Advancements

Message from the Guest Editors

Nowadays, antimicrobial food packaging is in high demand in food sectors for food preservation. The use of antimicrobial agents in food packaging enhances functional value along with storing and protecting food. In recent times, natural active agents such as essential oils (EOs) have attracted more attention owing to their excellent antioxidant and antimicrobial properties. EOs are volatile in nature with good antimicrobial, antioxidant, and preservative properties, making them an ideal replacement for synthetic food additives. This Special Issue aims to highlight various approaches related to food packaging with active compounds and various strategies for the complete exploration of these compounds and their mechanism in food applications. Research exploring the synergistic interactions between active compounds and packaging materials are also welcome. Solutions for perishable cost-effective food packaging that are antimicrobial and antibacterial and based on biopolymers are needed in order to prevent food-borne diseases and reduce food waste due to early spoilage.

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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 4.7.

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

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