

Special Issue

Development and Characterization of Edible Films

Message from the Guest Editors

Edible films are considered smart packaging materials with a variety of applications in the food industry. These green packaging materials with immense antimicrobial and antioxidant potential are being developed to enhance food safety and preservation. Recent trends in the food packaging industry clearly represent the importance of macromolecules-based edible films in terms of their safety, biodegradability, edibility, functionality, as well as antimicrobial and antioxidant properties. Moreover, structural changes such as multilayers and surface functionalization have also been studied to tailor suitable composite films with improved properties. To impart antimicrobial and antioxidant properties and to improve the shelf life of packed food, it is important to incorporate safe and effective loading materials such as essential oils, plant extracts, etc. and study their effect on film behavior. Thus, the optimization of raw material and process conditions used for edible films needs more attention. The purpose of this Special Issue is to attract papers based on recent developments in the field of edible films.

Guest Editors

Dr. Saurabh Bhatia

Natural & Medical Sciences Research Center, University of Nizwa, P.O. Box 33, Birkat Al Mauz, Nizwa 616, Oman

Prof. Dr. Ahmed Al-Harrasi

Natural & Medical Sciences Research Center, University of Nizwa, P.O. Box 33, Birkat Al Mauz, Nizwa 616, Oman

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of
Potsdam, 14476 Potsdam-Golm, Germany

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