

Special Issue

Food Packaging—Applications of Functional Films and Coating

Message from the Guest Editors

It is widely known that the aim of food packaging is to maintain food quality and minimize the environmental impact of the packaging materials. As food contact materials, numerous biopolymers—including different carbohydrates, proteins, lipids, or their composite mixtures—are increasingly being proposed as alternatives to conventional petroleum-derived plastics. At the same time, recent advances in chemistry, technology, and biotechnology have helped find the solution to food safety and environmental concerns regarding food packaging materials. Novel coatings that are easy to regenerate and biodegrade can provide enhanced functions, such as antibacterial, antioxidant or biocatalytic functions, which have become the focus of research. This Special Issue focuses on the novel coatings which can be applied in various combinations to provide unique properties that ensure the safety and quality of specific packed food products, from processing, handling, and storage to final use by consumers.

Guest Editors

Dr. Chunhong Liu

Department of Chemistry, College of Arts and Sciences, Northeast Agricultural University, Harbin 150030, China

Prof. Dr. Zhibiao Feng

Department of Chemistry, College of Arts and Sciences, Northeast Agricultural University, Harbin 150030, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

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