

Special Issue

New Advances in Edible Coating and Their Application in Food Preservation and Shelf Life

Message from the Guest Editors

This special edition aims to consolidate innovative investigations focused on developing and applying edible coatings for food preservation. Edible coatings have presented remarkable potential in regard to prolonging the shelf life of food products, diminishing quality degradation, and mitigating food waste. We invite researchers to submit empirical studies, critical reviews, and sustainable methodologies that foster the integration of these coatings within the food industry. This Special Issue invites papers in the following areas:

- Optimization of the formulation of Edible Coatings;
- Enhanced mechanical and barrier properties of edible coatings;
- Incorporation of bioactive compounds in edible coating;
- Extension of food shelf life due to the application of edible coatings;
- Advances in the release of active agents from coatings: encapsulation of bioactive compounds and release of compounds in response to environmental conditions;
- Regulatory aspects of coatings and consumer acceptance.

Guest Editors

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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.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).