

Special Issue

Edible Films and Coatings for Postharvest Sensory Quality and Shelf-Life Preservation in Horticultural Products

Message from the Guest Editors

Postharvest deterioration remains a major limitation affecting the commercialization, sustainability, and consumer acceptance of horticultural products. Edible films and coatings have emerged as promising postharvest tools to preserve quality and extend shelf life by acting as protective barriers and carriers of functional compounds. These systems can regulate gas exchange and moisture transfer, reduce microbial growth, delay senescence, maintain sensory attributes, and improve the overall stability of fresh and minimally processed horticultural products.

For this Special Issue, we welcome the submission of original research articles, reviews, and case studies that focus on the design, characterization, and application of edible films and coatings for postharvest preservation. Topics of interest include natural polymers, composite films, active coatings, antimicrobial and antioxidant compounds, essential oils, microencapsulation, controlled-release systems, nanostructured materials, barrier properties, sensory quality, aroma and flavor preservation, shelf-life extension, disease control, and sustainable alternatives to conventional packaging.

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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