

# Special Issue

## Advanced Postharvest Technology in Processed Horticultural Products

### Message from the Guest Editors

The growing demand for processed horticultural products has led to an increasing interest in the study of postharvest preservation technology. Processed horticultural products are prone to tissue damage, water loss, enzymatic browning and tissue softening during harvesting, processing, storage, transportation, packaging and sale. Moreover, the risk of pathogen contamination poses a safety concern. Therefore, there is an urgent demand for new preservation technologies to maintain the quality of processed horticultural products. The purpose of this Special Issue is to present new postharvest technology (modified atmosphere packaging, fumigation treatment, edible coatings, etc.), antibacterial technology (ethanol, essential oils, etc.) and omics technology (proteomics, transcriptomics, microbiome, metagenome, metabolomics, etc.) to preserve quality, inhibit microorganisms and extend the shelf life of processed horticultural products. Articles on maintaining the quality and safety of any kind of processed horticultural products, including postharvest, minimally processed, fresh-cut, fermented and processed fruits and vegetables are welcome in this Special Issue.

### Guest Editors

Prof. Dr. Wenzhong Hu  
Dr. Chen Chen  
Dr. Ke Feng

### Deadline for manuscript submissions

closed (25 July 2025)



# Horticulturae

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[mdpi.com/si/204899](https://mdpi.com/si/204899)

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
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