

Special Issue

Emerging Technologies in the Preservation and Quality Conservation of Horticultural Products

Message from the Guest Editors

Population growth and climate change have significantly affected global food security. Combined with this, we face the perishable nature of most horticultural commodities and the growing demand for contaminant-free food. All of these factors reinforce the need to develop technologies to preserve the quality of fruits, vegetables, herbs, spices, and ornamental plants. The objective of this Special Issue is to present innovative articles on ozone treatment, cold plasma, pulsed electric fields, UVC radiation, high-pressure processing, modified atmosphere storage, edible coatings, and new trends in food packaging. The articles are expected to highlight processes and equipment configurations used to inactivate microorganisms, control insect pests, degrade pesticide residues, and extend the shelf life of horticultural products

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2026)



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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.

Editor-in-Chief

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