Special Issue

Postharvest Quality Characteristics and Storage Life of Horticultural Products

Message from the Guest Editors

Horticultural plants, encompassing a diverse array of fruits, vegetables, flesh flowers, and others, are not only staples in our diets but also treasure troves of vital nutrients and bioactive compounds. Horticultural produce undergoes significant physiological and biochemical changes after harvest, including continued respiration, ethylene production, water loss, and alterations in color, texture, flavor, aroma, nutritional content, etc., profoundly impacting ripening, senescence, and deterioration. New advancements, such as controlled atmosphere, green preservatives, electric and magnetic field, cold plasma, intelligent packaging are eco-friendly storage technologies, which prolong freshness of horticultural plants throughout their journey from harvest to consumption. Understanding the intricate mechanisms driving postharvest quality changes is crucial for developing effective strategies to maintain product quality, extend shelf life, and reduce food waste. We welcome interdisciplinary approaches that integrate agronomy, food science, nutrition, and consumer behavior to offer a comprehensive view of the challenges and opportunities in the field.

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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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