Special Issue

Postharvest Physiology and Quality Improvement of Fruit Crops

Message from the Guest Editors

As global demand for high-quality fresh produce increases, understanding the physiological, biochemical, and molecular mechanisms involved in fruit development, ripening, and senescence has become more important than ever.

The Special Issue “Postharvest Physiology and Quality Improvement of Fruit Crops” aims to gather original research and comprehensive reviews focused on innovations in postharvest biology, handling technologies, storage methods, and treatments that extend shelf life, reduce losses, and enhance fruit quality. Topics of interest include, but are not limited to, physiological responses to storage conditions, postharvest treatments (chemical, physical, or biological), and genetic or biotechnological approaches to enhance shelf life, preserve nutritional and sensory attributes, and reduce postharvest losses. Contributions exploring preharvest factors affecting postharvest behavior, novel monitoring, packaging and handling technologies, natural or synthetic postharvest treatments, and quality assessment methods are particularly welcome.

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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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