Special Issue

Novel Approaches to Control Postharvest Loss and Quality Deterioration of Fruits

Message from the Guest Editors

For postharvest fruits, due to physiological and pathological factors, flesh softening, tissue browning, external wilting, etc., are common phenomena, especially under abiotic and biotic stress and in addition to fungal-induced decay, resulting in a decline in commodity value and severe economic loss reaching more than 30%. Therefore, delaying quality deterioration and reducing decay are the keys to suppressing the postharvest loss of fruits. Recently, marked progress has been made in the application of new technologies such as 1-MCP (1-methylcyclopropene), NO (nitric oxide), SA (salicylic acid) and melatonin treatments, functional MAP (modified atmosphere package), rapid CA (controlled atmosphere), ULO (ultra-low oxygen) and DCA (dynamic controlled atmosphere) storage. Thus, papers on preharvest and postharvest treatments to improve the storage quality of fruit, mechanisms to elucidate fruit quality deterioration and decay, and new techniques to control postharvest loss during storage and transport are welcomed.

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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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