Special Issue

Innovative Technologies for Shelf-Life Extension and Quality Improvement of Fruit and Vegetables

Message from the Guest Editors

The goal of this Research Topic is to highlight the latest discoveries in the area of innovative technologies for shelf-life extension and quality improvement of fruit and vegetables. We welcome submissions of manuscripts that showcase the latest insights into new technologies for quality preservation or improvement of fruits and vegetables. Examples of potential areas include, but are not limited to, the following: 1. Exogenous compounds such as salicylic acid, methyl jasmonate, melatonin, nitric oxide, sulfide on ripening, and senescence of postharvest fruits and vegetables. 2. Transcriptomic and metabolomic studies of new technologies for that provide novel mechanistic insights into the molecular processes triggered by these technologies. 3. The application of essential oils as bioactive compounds in edible coatings of fruits and vegetables and fresh-cut products. 4. New technologies to prevent microbial contamination and inhibit browning in minimally processed fruits and vegetables.

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Deadline for manuscript submissions

closed (25 February 2024)

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/156412

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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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