Special Issue

Postharvest Physiology and Quality Management of Horticultural Products

Message from the Guest Editors

The development of innovative postharvest strategies and technologies that finetune metabolic processes and retard deterioration of horticulture crops is essential to reduce postharvest food loss. To that end, knowledge of the physiological and molecular mechanisms that modulate the physico-chemical, quality, and sensory changes of harvested crops is fundamental. In this Special Issue, we welcome studies that elucidate the mechanisms underlying (1) the physiological, physicochemical, or molecular changes; (2) the effects of pre-/post-harvest technologies on quality and shelf life; (3) and the abiotic/biotic stress responses of harvested horticulture crops. Other studies that investigate the physiological and molecular mechanisms that directly impact the quality and shelf life of harvested horticulture crops are also encouraged.

Guest Editors

Dr. Yen-Chou Kuan

Prof. Dr. Huey-Ling Lin

Prof. Dr. Yi-Yin Do

Deadline for manuscript submissions

25 August 2025



Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



mdpi.com/si/227913

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

mdpi.com/journal/ horticulturae





Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



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

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies (DiSTeBA), Salento University, Lecce, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)

