Special Issue

Postharvest Physiology and Quality Maintaining of Horticultural Plants

Message from the Guest Editor

Quality attributes of horticulture plants change rapidly after harvest. Physiological metabolism, including ripening and senescence, respiratory, hormones, water loss, dormancy, sprout or growth, undergoes quality deterioration due to factors from the plant itself, environmental conditions and human handling. Numerous quality-maintaining technologies were developed and applied by researchers and industries, such as chemical, physical, biological and their combinations. The purpose of this Special Issue is to present state-of-the-art techniques recently developed by researchers worldwide on the biological and technological postharvest research of horticultural plants, including fruit, vegetables, flowers, tea, fresh-eating nuts and herbs.

Guest Editor

Prof. Dr. Maorun Fu

College of Food Science and Engineering, Qilu University of Technology (Shandong Academy of Sciences), Jinan 250353, China

Deadline for manuscript submissions

closed (31 July 2024)



Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



mdpi.com/si/190811

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)

