

## Special Issue

# Advances in Fruit Quality Formation and Stress Tolerance of Horticultural Plants

### Message from the Guest Editors

Horticultural plants, including fruits, vegetables, ornamental plants, as well as medicinal and beverage plants, are grown worldwide. They are of high economic value and play a vital role for human nutrition and overall wellbeing. Fruit quality, such as fruit's size, shape, color, flavor, etc. are fundamental biological questions in horticultural crops. Horticultural plants are currently facing a combination of new challenges such as abiotic and biotic stress, which affect plant growth and development. We invite researchers to submit advanced research manuscripts focused on the identification of key genes regulating fruit quality, the genetic regulatory network of fruit quality, and the regulation mechanism of stress tolerance of horticultural plants.

### Guest Editors

Dr. Ting Fang

College of Horticulture, Fujian Agriculture and Forestry University, Fuzhou 350002, China

Dr. Faxing Chen

Horticulture College, Fujian Agriculture and Forestry University, Jinshang, Fuzhou 350002, China

### Deadline for manuscript submissions

closed (30 September 2024)



## Plants

an Open Access Journal  
by MDPI

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/si/194001](https://mdpi.com/si/194001)

*Plants*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[plants@mdpi.com](mailto:plants@mdpi.com)

[mdpi.com/journal/  
plants](https://mdpi.com/journal/plants)





# Plants

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/journal/  
plants](https://mdpi.com/journal/plants)



## About the Journal

### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

---

### Editor-in-Chief

Prof. Dr. Dilantha Fernando  
Department of Plant Science, University of Manitoba, Winnipeg, MB  
R3T 2N2, Canada

---

### 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), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)