

Special Issue

Omics Approaches and Applications in Fruit Crops Improvement

Message from the Guest Editors

Fruit crops are important economic crops around the world. The global climate change and population growth bring challenges for fresh fruit production. Facing these challenges, enhancing agronomically important traits, such as yield, resistance, flavor, color, nutritional value and post-harvest fruit quality, is required for fruit crops improvement. The rapid development of multi-omics research has substantially benefited understanding a transcriptional, metabolic and protein landscape of fruit crops yield and quality formation from different omics layers. Based on the vast amount of omics data, researchers in fruit crops science are expected to identify functional genes and explore its in-depth mechanism of fruit crops yield and quality formation. The Special Issue focuses on application of omics technologies, such as genomics, transcriptomics, proteomics and metabolomics, to improve fruit crops yield and pre- and post-harvest product quality. We invite researchers to submit original research articles or reviews to the Special Issue.

Guest Editors

Prof. Dr. Ya Luo

College of Horticulture, Sichuan Agricultural University, Chengdu 611130, China

Prof. Dr. Haifeng Jia

College of Horticulture, Nanjing Agricultural University, Nanjing 210095, China

Deadline for manuscript submissions

closed (15 December 2022)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/115059

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

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





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



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



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)