horticulturae

IMPACT FACTOR 3.1

CITESCORE 2.4

an Open Access Journal by MDPI

Genetic Improvements and Germplasm Resources for Fruit and Vegetable Plants

Guest Editors:

Prof. Dr. Xiaolin Yu
College of Agriculture and Biotechnology, Zhejiang University, Hangzhou 310058, China

Dr. Jietang Zhao
College of Horticulture, South China Agricultural University, Guangzhou 510642, China

Deadline for manuscript submissions:
31 May 2024

Message from the Guest Editors

Genetic diversity is the cornerstone for crop improvement. The collection, conservation, characterization, maintenance and utilization of plant genetic resources are essential components of crop improvement programs. Genetic resource collections need to ensure that their limited resources are effectively used to conserve the diversity of horticultural plants, making them readily available to support horticultural plant genetic improvement. Recently, with the rapid development of experimental means of biotechnology, significant new research progress has been achieved in the fields of genetics, molecular biology, genomics, transcriptomics, proteomics, metabolomics, phenomics and pangenomics. These approaches will advance and accelerate genetic improvements to facilitate the sustainable global production of these fruit and vegetable plants.

The purpose of this Special Issue aims to present state-of-the-art techniques recently developed by researchers worldwide. Innovative articles on the genetic improvement and germplasm resources of any fruit and vegetable species are welcome in this Special Issue.

horticulturae

IMPACT FACTOR 3.1

CITESCORE 2.4

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis
Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, Via Provinciale Lecce Monteroni, 73100 Lecce, Italy

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.

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 - Q2 (*Horticulture*)

Contact Us

Horticulturae Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
𝕏@Horticul_MDPI