horticulturae

IMPACT FACTOR 3.1

CITESCORE 2.4

an Open Access Journal by MDPI

Advances in Brassica Crops Genomics and Breeding, Volume II

Guest Editors:

Prof. Dr. Xiaowu Wang
Department of Biotechnology, Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Dr. Jian Wu
Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Dr. Xu Cai
Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Deadline for manuscript submissions:
15 October 2024

Message from the Guest Editors

Following the tremendous success of the first edition of the Special Issue "Advances in Brassica Crops Genomics and Breeding", a second edition is being launched.

With the fast progress we are making in sequencing technologies, a number of genomes of Brassica crops species have been sequenced and high-quality chromosome scale assemblies were obtained. Moreover, the large-scale resequencing data of germplasm resources have been made available in *B. rapa, B. oleracea,* and *B. napus*, which allows GWAS and domestication analysis in these important crops. These breakthroughs accelerated the investigation into the genomics of the complex Brassica genomes, the evolution of different Brassica species, functional revealing of important genes, and the molecular marker-assisted breeding of Brassica crops. The purpose of this Special Issue is to present the recent advances in genomics and breeding in Brassica crops.

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