

Special Issue

Advances in Protected Vegetable Cultivation

Message from the Guest Editor

Vegetable cultivation can be divided into protected vegetable cultivation or facility vegetable cultivation and open field vegetable cultivation. In recent years, significant progress has been made in protected vegetable cultivation, including greenhouse structure and energy saving, greenhouse environment precision control technology, soilless cultivation techniques, water and fertilizer precision control, overcoming soil continuous cropping obstacles, plant factory, vertical farming, etc. This Special Issue of *Horticulturae* will provide a current overview of the most significant research carried out in the field of protected vegetable cultivation. You are warmly invited to submit papers that highlight your work on the following aspects: greenhouse structure and energy saving; greenhouse environment precision control; substrate and hydroponic culture; protected vegetable growth model; water and fertilizer supply on vegetable yield and quality; vegetable stress physiology; soil continuous cropping obstacles control; plant factory; vertical farming; vegetable intelligent production.

Guest Editor

Prof. Dr. Zhilong Bie

College of Horticulture and Forestry Sciences, Huazhong Agricultural University, Wuhan 430070, China

Deadline for manuscript submissions

closed (15 February 2023)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/93306

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

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





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



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



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)