

# Special Issue

## Advances in Intelligent Orchard

### Message from the Guest Editors

Fruits are essential foods for humans, providing a lot of trace elements and vitamins. With the increasing consumption demand and the exaggeration of planting scale, labor-intensive fruit production faces great challenges. Orchard planting production is gradually developing towards mechanized and intelligent operation, especially in the process of orchard construction, mid-term management, and harvest. The integration of agricultural machinery and agronomy in fruit planting has also become a bright direction that must be considered in research on mechanization and intelligence. This Special Issue of *Horticulturae* will provide a current overview of the most significant research carried out in the field of advances in intelligent orchards. Scientists from all over the world are invited to submit original research and review articles related to the following topics: intelligent fruit harvesting technology and equipment, precision pollination, integration of agricultural machinery and agronomy in fruit planting process production, and other related intelligent management technology in the process of orchard planting and production.

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### Guest Editors

Prof. Dr. Jun Chen

Prof. Dr. Shanjun Li

Dr. Fuxi Shi

Dr. Shuo Zhang

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### Deadline for manuscript submissions

closed (25 September 2024)



## Horticulturae

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## 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.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, 73100 Lecce, Italy

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