

## Special Issue

# Agricultural Machinery and Technology for Fruit Tree Management

### Message from the Guest Editors

The global production of fruits has been steadily escalating, while simultaneously confronting mounting challenges such as labor scarcity and escalating production costs. Consequently, the mechanization of fruit tree management assumes an increasingly pivotal role. This Special Issue encompasses a topic of utmost relevance, namely, the trend towards standardized smart orchard construction. Its primary focus lies in elucidating the critical facets of fruit tree management, including transportation, weeding, pruning, flower thinning, plant protection, and harvesting. The Issue serves as a platform for sharing the latest advancements in intelligent machinery and technological research, thereby facilitating the exploration of efficacious strategies to enhance the overall management proficiency of fruit trees and orchards. For this reason, it welcomes highly interdisciplinary quality studies from disparate research fields including overall machine design, key components and parts, mechanism and simulation analysis, intelligent technology, and other related fields. We welcome the submission of original research articles and reviews.

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### Guest Editors

Prof. Dr. Zhen Li

Prof. Dr. Tao Wen

Prof. Dr. Shilei Lyu

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### Deadline for manuscript submissions

closed (25 June 2024)



## Agriculture

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CiteScore 6.3



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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

Prof. Dr. Les Copeland

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