

Special Issue

Application of Aeroponics System in Horticulture Production

Message from the Guest Editors

We are excited to present studies focused on cutting-edge aeroponic research.

1. Optimization of Nutrient Delivery in Aeroponics: This Special Issue encompasses the meticulous study of how various nutrient mixtures influence plant metabolism, growth patterns, and overall yield.
 2. Integration of AI, Machine Learning, and IoT in Aeroponics: This Special Issue delves into the development of predictive models that harness the power of artificial intelligence and machine learning.
 3. Sustainable Aeroponic System Design: This Special Issue addresses the critical need for sustainability in aeroponic systems. It includes studying the reuse and recycling of nutrient solutions, the implementation of energy-efficient misting technologies, and the development of closed-loop systems.
 4. Aeroponic Production of Specialty Crops: The application of aeroponics in the cultivation of high-value specialty crops, such as medicinal plants and rare herbs, is the subject of this Special Issue.
- We invite you to explore these topics and contribute your insights and research to the advancement of aeroponic technologies and practices.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
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