Special Issue

Smart Horticulture, Plant Secondary Compounds and Their Applications

Message from the Guest Editor

COVID-19, warfare, and the deficiency of human resources for agriculture around the world present the challenge of applying smart sensing techniques, deep-learning approaches, and robotic applications for solving these problems. The applied sciences in agriculture have significantly expanded the development of smart technologies for horticulture, supporting the problem-solving time for controlling, monitoring, and rapidly detecting pathogens during plant growth. The application of smart technologies has also increased the high-value compounds, especially in the quantity of secondary compounds in plants, which is also necessary to support the development. These goals are linked to resource-efficient uses via sensors, deep machine learning, smart system applications for horticulture, plant secondary compounds, and their applications to open the proper opportunities for smart horticulture. We would like to receive manuscripts that are relevant to smart farming techniques, plant secondary compounds, and their applications. Moreover, studies that focus on the various protected pathogens in the horticulture sector using smart technologies are welcomed.

Guest Editor

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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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