

Special Issue

LED Lighting in Vegetable Crops

Message from the Guest Editors

Light is not only the driving force for plant photosynthesis but also acts as an important transduction signal in modulating plant growth and endogenous substance metabolism. With the rapid advances in light-emitting diodes (LEDs), light environment regulation using LED light has been a vital strategy in improving vegetable crop yield and quality. With the monochromatic spectrum and flexible and controllable characteristics, LEDs provide great advantages in revealing the mechanism of light (light quality, light intensity, and photoperiod or light duration) on vegetable growth and development. Knowledge obtained in this research topic can provide useful information for high-quality production and artificial light design for greenhouse and vertical farming growth systems. The aims of this Special Issue are to put forward important research on plant photobiology in vegetable production, presenting recent developments and important accomplishments of LED lighting in vegetable crops

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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

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