

Special Issue

Plant Tolerance under Environmental Stress: Metabolites Perspective

Message from the Guest Editors

Environmental stress is a common global problem that significantly limits crop development and yields. The growth rate of horticultural products has increased considerably in recent years. However, they are susceptible to environmental stress, resulting in quality deterioration and even decay, which led to great losses of horticultural products worldwide. Scientists have done a lot of work on crop responses to environmental stress and have made positive progress in terms of cold signaling perception and transduction, interactions between different plant hormones, transcription, and metabolic regulation. The study of environmental stress of plant products has entered the era of metabolites perspective. It is necessary to carry out systematic research from physiological, molecular, genetic, multi-omics, and other perspectives to explore the response mechanism mediated by phytohormones in plant products.

Guest Editors

Dr. Yuquan Duan

Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences(CAAS), Beijing 100193, China

Dr. Yaoyao Zhao

Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences, Beijing, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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