



Plant Tolerance under Environmental Stress: Metabolites Perspective

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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.





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