

Special Issue

Fruit Crop Physiological and Metabolic Responses to Challenging Environments

Message from the Guest Editors

We are pleased to invite you to submit your relevant research findings, or your reviews on the progress, problems, and future priorities in this field, to our Special Issue of “Fruit Crop Physiological and Metabolic Responses to Challenging Environments”. Research areas may include (but are not limited to) the following:

- The physiological and metabolic effects of the challenging environments (drought, saline and alkaline osmotic stress, extreme temperatures, high-intensity UV irradiation, etc.) on fruit crop development, fruit flavor, and nutritional quality;
- To study the response and adaptation mechanisms of fruit crops to challenging environments using metabolomic, transcriptomic, proteomic, and epigenomic analysis;
- The differences in the adaptability of fruit crops to challenging environments between cultivars and geographical regions and the molecular mechanisms underlying these differences;
- The role and mechanisms of adaptive training or cultivation and management practices in improving stress resistance in fruit crops.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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