Special Issue

Fruit Development and Ripening

Message from the Guest Editor

Fruit development and ripening are complex and tightly regulated processes that involve biochemical and physiological changes, including skin and pulp color, fruit size and shape, texture, sugars, organic acids, and volatile compounds. These changes make fruit more appealing for consumption. This process is controlled by multiple factors, including genetic factors, molecular levels (transcriptional regulation and epigenetic modifications), environmental factors (light, temperature, and water), and cultivation techniques (fertilization, pruning, phytohormones, and bagging). This Special Issue will highlight recent advancements via original research articles, reviews, and opinions related to the effect of developmental, hormonal, and environmental cues and cultivation techniques on fruit development and ripening, as well as the gene-regulatory mechanisms which drive these crucial processes.

Guest Editor

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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, 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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