

Special Issue

Fruit Development and Quality Formation of Horticultural Crops

Message from the Guest Editors

Horticultural crops are grown worldwide and are a rich source of minerals, vitamins, and phytochemicals; they have health-promoting and disease-preventing potential in humans. Fruit development and quality formation are fundamental biological questions in horticultural crops. The advances in high-throughput sequencing, metabolomics, and other technologies are helpful for investigating the basic regulatory mechanisms of fruit development and quality formation of horticultural crops. These results provide insights into horticultural crop improvement and production. In this Special Issue of *Plants*, we encourage the submission of manuscripts focused on the identification of key genes regulating fruit development and quality, the genetic and hormonal regulation of fruit development and quality, primary metabolism of fruits of horticultural crops (e.g., sugar, organic acid, and amino acid metabolism), secondary metabolism of the fruits of horticultural crops (e.g., pigments, flavonoids, and volatile compounds), and the effects of environmental conditions and exogenous substance treatments on the fruit development and quality of horticultural crops.

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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.

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