

## Special Issue

# Fruit Quality Formation and Regulation in Fruit Trees

### Message from the Guest Editors

Fruits of fruit trees have distinct biological characteristics, fruit quality features and nutritional value, and play an irreplaceable role in people's daily diet. Recently, research on fruit quality in terms of sugar and acid flavor formation, fruit size, color, texture, nutrient formation basis and regulation has been widely carried out. However, fruit ripening and quality formation is a complex system. Therefore, it is necessary to have a deep understanding of the cascade regulation mechanism and its regulatory network of quality formation, the interactive regulation mechanism of plant hormone signal transduction and quality formation, the signal pathway and regulatory mechanism of fruit quality formation coupled with the environment, and the application of multi-omics, genetic transformation, gene editing and other technologies to regulate the mechanism of fruit quality formation. This Special Issue focuses on the research field of omics analysis, gene identification, biological and abiotic stress, nutritional composition, flavor formation mechanism, fruit ripening, breeding and other related areas of fruit trees. Articles and reviews are both welcome.

### Guest Editors

Dr. Qianqian Shi

College of Forestry, Northwest Agriculture and Forestry University,  
Yangling, Xianyang 712100, China

Dr. Zhengyang Wang

College of Forestry, Northwest Agriculture and Forestry University,  
Yangling, Xianyang 712100, China

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## Agriculture

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agriculture@mdpi.com](mailto:agriculture@mdpi.com)

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*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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