

Special Issue

Advances in Citrus Breeding, Genetics, Physiology and Horticultural Management

Message from the Guest Editors

The aim of this Special Issue is to highlight recent advances in fundamental and applied research in the fields of citrus breeding, genetics, genomics, physiology, and field management leading to improved productivity and fruit quality. We welcome novel research articles and reviews on: (1) scion and rootstock breeding through conventional and biotechnological approaches; (2) mapping and identification of QTLs and development of new protocols for marker-assisted selection; (3) germplasm characterization and exploitation for the introgression of useful traits into cultivated varieties; (4) new phenotyping protocols for biotic and abiotic stresses; (5) omics approaches to understanding biological processes of horticultural relevance; and (6) ecophysiological studies concerning the adaptation of citrus cultivars to diverse environments and climate change. Manuscripts regarding current trends in cultivation practices, such as high-density plantings, evaluation of new citrus rootstocks and scions, undercover production systems, and deficit irrigation strategies, will be also considered for publication in this Special Issue.

Guest Editors

Dr. Marco Caruso

Dr. Pablo Aleza

Dr. Fernando Rivas

Deadline for manuscript submissions

closed (31 October 2021)



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Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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