Special Issue

Research on Crop Tolerance under Abiotic Stress from a Plant Metabolite Perspective

Message from the Guest Editor

In the era of climate change, the impact of various abiotic stresses remains a serious global threat for agriculture. Metabolites are the end products of plant cellular processes. It is becoming increasingly clear that metabolities do more than just explicitly reflect the responses of crops to various disturbances; they also can provide critical signals, either through the effects of metabolic pathways or via the modulation of other regulatory proteins. Thus, it is imperative to understand the metabolites involved in a plant s responses, tolerance and adaptability to abiotic stresses. In this Special Issue, we mainly invite original research with the aim to exchange knowledge on any aspect related to the effects of abiotic stresses on crop production (including, but not limited to, crop growth and development, organ building, and yield quality) and measures to mitigate adversity stress, such as those related to variety selection, cultivation practices, and chemical regulation, from a metabolite perspective.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2024)

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 6.7

mdpi.com/si/174396

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