

Special Issue

Silicon Nutrition and the Cross Talk with Plant Biotic and Abiotic Stresses

Message from the Guest Editors

Silicon (Si) nutrition has attracted the interest of many research communities worldwide. One of the important properties of Si nutrition is its role in alleviating environmental stresses. Over the last decade, a significant number of studies have considered to explore the role of Si in alleviating plants responses from both abiotic and biotic stresses. However, there are still many areas which need further investigation. In this context, the impact of Si on soil, careful consideration of different responses of Si-accumulating and non-accumulating species, and also Si and gene regulatory network leading to tolerance to biotic and abiotic stresses need further elucidation. This Special Issue will cover a wide variety of areas, aiming to contribute to the overall knowledge of Si nutrition under biotic and abiotic stresses. Research and review articles on the cross talk between Si and biotic and abiotic stresses regarding change in plant metabolism, biochemistry, proteomics, transcriptomics, epigenetics, and other related topics are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2022)



Plants

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Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



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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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