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Plants

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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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Aims

Plants (ISSN 2223-7747) is an international and multidisciplinary scientific open access journal that covers all key areas of plant science. It publishes review articles, regular research articles, communications, and short notes in the fields of structural, functional and experimental botany. In addition to fundamental disciplines such as morphology, systematics, physiology and ecology of plants, the journal welcomes all types of articles in the field of applied plant science.

The main aim of our journal is to encourage scientists and research groups to publish theoretical and experimental results of research in all fundamental and applied fields of plant science. The full experimental procedure must be provided so that the results can be reproduced. There is no restriction on the maximum length of the papers.

Scope

- Plant cytology and histology
- Plant anatomy and morphology
- Systematics, taxonomy and classification
- Plant physiology and ecophysiology
- Plant genetics, molecular biology and biochemistry
- Ecology and biogeography of plants
- Phytocenology
- Evolutionary biology, plant phylogeny and paleobotany
- Plant diversity and conservation biology
- Experimental and applied plant science
- Plant interactions with abiotic and biotic stresses

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2024 Impact Factor: 4.1

(*Journal Citation Reports* - Clarivate, 2025)

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Journal Rank

JCR - Q1 (Plant Sciences) / CiteScore
- Q1 (Ecology, Evolution, Behavior and Systematics)

Coverage by Leading Indexing Services

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A first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025)

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