

Special Issue

Insect–Plant Interaction in Agroecosystems

Message from the Guest Editors

The study of plant–insect interaction has been a hot topic within the research for some time. As a supporter, plants not only provide habitat, food and refuge for insects but also transfer basic communication information between them. Meanwhile, when insects attack plants, they not only cause physical damage to plants but also trigger underlying plant defense responses. Moreover, natural enemies use plant volatiles for host location and foraging. Therefore, the plant–insect interaction is complex. In recent years, with the rapid development of technologies and methods such as genomics, transcriptomics, proteomics, metabolomics, RNAi, and gene editing, new opportunities and challenges have been provided that will enable us to explore the interactions between plants and insects in areas ranging from genes to ecosystems. This Special Issue, entitled “Insect–Plant Interaction in Agroecosystems” will include interdisciplinary studies embracing agriculture with disciplines of biology, physiology, ecology and genomics. All types of articles are welcome, including original research, opinions and reviews.

Guest Editors

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Deadline for manuscript submissions

closed (15 March 2024)



Agriculture

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Impact Factor 3.6
CiteScore 6.3



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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

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