

Special Issue

Molecular Regulations and Genetic Improvements of Oil Crops

Message from the Guest Editors

In recent decades, with breakthroughs on metabolome, genomics, spatiotemporal transcriptome, gene editing, and artificial intelligence (AI) technologies, research on the molecular regulations and genetics of oil crops has gained great progress. In the past decades, the yields of staple crops, such as rice, wheat, and maize, have achieved significant improvements, and novel research technologies are also well-applied in staple crops. However, related research with novel technologies in oil crops needs more attention. The current Special Issue discusses the molecular regulation mechanisms of oil crops in response to abiotic stresses or biotic stresses. This Special Issue on Molecular Regulations and Genetic Improvements of Oil Crops will also include work using novel technologies such as gene editing, omics, or AI technology. Furthermore, genetic algorithms and novel genetic technologies useful for the molecular breeding of oil crops are also of great interest. All types of articles, such as original research, opinions, and reviews, are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (20 February 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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