

Special Issue

Breeding, Genetics, and Genomics of Rice

Message from the Guest Editor

Breeding practices of modern rice agriculture are critical in satisfying the increasing number of consumer demands for a high grain quality, a primary challenge due to the complex quality traits controlled by polygenes or quantitative trait loci. Therefore, a deeper understanding is of crucial importance to uncover how to identify and map the genomic regions for quality traits, with the aim of breeding new high-quality rice varieties. This Special Issue regarding the basic mechanism of rice quality focuses on decoding the genetic basis of the grain quality of rice, including milling, physical appearance, eating and cooking, sensory and nutritional value parameters, etc. We welcome all types of articles, such as original research, opinions, and reviews, covering a broad range of gene identification, QTL mapping, marker development and gene cloning.

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2023)



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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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