

Special Issue

Mineral Biofortification in Agricultural Products

Message from the Guest Editors

Human mineral deficiencies are a critical obstacle to the United Nation's second Sustainable Development Goal to "achieve food security and improved nutrition" by 2030. Therefore, a deeper understanding of mineral biofortification strategies and potential mechanisms is crucial for the function of agricultural products and the sustainable development of human societies. This Special Issue focuses on developing mineral biofortification strategies and assessing factors affecting them in special soils to obtain functional agricultural products to meet the improvement of human health. This Special Issue on Mineral Biofortification in Agricultural Products will fully embrace inter- and trans-disciplinary studies from multiple disciplines (e.g., agricultural sciences, food science and engineering, environmental sciences, agriculture and biology, chemistry, and engineering). The selected research articles will cover the study and mechanistic analysis of various existing and newly developed strategies, including mineral amendment, microbial-assisted biofortification, genetic biofortification, and crop breeding.

Guest Editors

Prof. Dr. Xuebin Yin

Institute of Functional Agriculture Science and Technology at Yangtze River Delta (IFAST), Anhui University of Science and Technology, Chuzhou 233100, China

Dr. Xiaocun Zhang

College of Resources and Environment, Shandong Agricultural University, Taian 271000, China

Deadline for manuscript submissions

closed (25 August 2024)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/180773

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



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

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)