

## Special Issue

# Nondestructive Sensing Techniques and Intelligence Systems for Agricultural Product Detection

### Message from the Guest Editors

At present, many intelligent detection and grading systems have been commercial application. However, there are still numerous challenges with robust, high-performance detection and grading of many quality and safety issues. New research needs to be further explored, especially in massive data mining, highly stable model construction, adaptive learning algorithm development, advanced inspection system design, multi-sensing technologies' integrated applications, etc. This Special Issue covers the latest developments and applications of advanced non-destructive sensing technologies and intelligence systems for quality and safety evaluation of agricultural products, with relevant areas including but not limited to:

- Assessment of external and internal quality attributes;
- Safety attribute detection of agricultural products;
- Development of novel algorithms and models;
- Spectral and image data processing and analysis methods;
- Design and development of advanced sensing system;
- Intelligent sorting systems and robots for agricultural product detection;
- Multi-sensor fusion and integration applications;
- Online agricultural product grading and sorting.

### Guest Editors

Dr. Jiangbo Li

Dr. Baohua Zhang

Prof. Dr. Zhiming Guo

### Deadline for manuscript submissions

closed (20 December 2023)



## Agriculture

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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.

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### Editor-in-Chief

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