

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

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Deadline for manuscript submissions

closed (20 December 2023)



Agriculture

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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