

Special Issue

Rapid Detection of Agricultural Products

Message from the Guest Editors

Agricultural products are necessities of daily life. New technologies (hyperspectral imaging, X-ray imaging, etc.) and new methodologies (machine learning, computer vision, etc.) are introduced and applied to meet demand for the rapid detection of agricultural products. In this respect, we encourage submissions describing state-of-the-art rapid detection techniques and applications in studies related to agricultural products, with a particular focus on these areas: Plant or food insect/disease classification and detection.

In situ analysis of pesticide residues.

Quality inspection for agricultural products.

Rapid detection for chemical pollution in agricultural products.

Microbial detection and identification methods in agricultural products.

Machine learning and deep learning in the rapid detection of agricultural products.

Plant phenotyping and applications in agricultural products.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)



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Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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