Special Issue

Biosensors and Spectroscopic Techniques for Agricultural Product Safety and Quality Monitoring

Message from the Guest Editor

In recent years, researchers have started to pursue research on new techniques for agricultural products and food detection since understanding that argo-food is essential to human life and the development of the food industry. Compared to traditional rigid devices, biosensing and optical approaches are more flexible, lightweight, and non-invasive, which significantly helps lessen damage to fragile products. They offer excellent sensitivity and a wider range of functions. The emergence of new functional materials and sensing techniques aids in the more accurate and effective detection of targets via extensive indicators. This Special Issue, therefore, aims to gather original research, review and patent analysis articles on recent advances, technologies, solutions, applications, trends and challenges in the field of techniques for agricultural product safety and quality monitoring. Keywords:

- Sensing
- Biosensors
- Spectroscopy
- Agricultural product quality
- Agricultural product safety
- Food
- Fruit
- Nondestructive detection

Guest Editor

Prof. Dr. Lijuan Xie
College of Biosystems Engineering and Food Science, Zhejiang University, Hangzhou, China

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

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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