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Biosensors and Spectroscopic Techniques for Agricultural Product Safety and Quality Monitoring

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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



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Special Issue



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Message from the Editor-in-Chief

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