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Non-invasive Quality Measurement Techniques in Food

Guest Editor:

Dr. Hao Lin

School of Food and Biological
Engineering, Jiangsu University,
Zhenjiang, China

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Message from the Guest Editor

Non-invasive measurement refers to the method of inspecting and testing the structure, quality, status, and defects of the tested object without damaging or affecting the use performance of the tested object and the internal organization of the tested object, and it promises to meet the requirement of industrial needs. Usually, the process of non-invasive measurement is very fast, and the quality detection of the tested object can be completed in a short time, which can be applied to the rapid and high-throughput detection of the quality and safety of food materials in the modern food industry. Recent advances non-invasive measurement technologies have opened new opportunities for the food industry. However, many technical hurdles still lie ahead for the sensing techniques, detection modes, data analysis, modeling, food analytes, and application scenarios in the food industry. This Special Issue aims to disseminate novel research in the development and application of non-invasive measurement techniques and sensing techniques for the quality and safety inspection of agricultural and food products.



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Special Issue



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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

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Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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