

Special Issue

Hyperspectral and Spectroscopy Imaging in Food Technology

Message from the Guest Editors

Ensuring the quality and safety of food products is expected by consumers, especially for highly perishable food commodities (e.g., freshly ground meat). Food products' quality and safety control must be accurate and efficient to meet consumers' increasing expectations and standards, which in turn results in more demanding and labour-intensive processes. In addition, the increasing demand for food due to the increase in the world population, especially in some developing countries, has made it even more challenging to ensure food quality and safety control processes. The purpose of this Special Issue is to publish high-quality research papers as well as review papers that address recent advancements in hyperspectral imaging and in spectroscopy imaging techniques in food technology, including food quality and food safety assessment. Potential topics include, but are not limited to:

- Hyperspectral imaging algorithms for food technology;
- Spectroscopy imaging algorithms for food technology;
- Food quality assessment using imaging and machine learning;
- Food safety, traceability or authentication using imaging and machine learning;
- Food imaging datasets.

Guest Editors

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Deadline for manuscript submissions

closed (1 June 2024)



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About the Journal

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

Editor-in-Chief

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