Special Issue

Spectroscopic Methods Applied in Food Quality Determination

Message from the Guest Editor

Food quality determination is an important issue, and spectroscopic methods are effective detection technologies for food quality determination owing to their advantages of ease of use, rapid detection speed, nondestructive detection. Spectroscopic methods used in food quality determination include near- and mid-infrared spectroscopy, Raman spectroscopy, fluorescence spectroscopy (FS), hyperspectral imaging (HSI), terahertz spectroscopy, and nuclear magnetic resonance (NMR). Spectroscopic methods have widespread applications in agriculture, food, pharmaceuticals, and environmental protection.

Spectroscopic methods can obtain both quantitative and qualitative data at the same time. For food quality determination, chemometric methods should be used to determine the association between spectral data and food quality indicators. This Special Issue aims to collect recent and novel applications of spectroscopic methods in combination with chemometrics concerning food quality.

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, Foods has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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