

Special Issue

Development of Fluorescent and Infrared Spectroscopy Applications in Food Analysis: Second Edition

Message from the Guest Editors

Many analytical techniques currently used for food analysis are expensive and time-consuming and require sample preprocessing. As a result of significant technical advances in both instrumentation and data analysis tools in the past two decades, optical spectroscopy (infrared and fluorescent) methods have become increasingly important for a wide variety of analytical applications in biology and chemistry. Coupled with advanced mathematical/statistical tools, optical spectroscopy methods allow for rapid, accurate, and reliable qualitative and quantitative analyses of the composition and physicochemical properties of various kinds of food without sample preparation. The application of these techniques has expanded into many areas of food research and analytics as powerful, fast, and non-destructive tools for food quality analysis and control.

This Special Issue of *Foods* will focus on applications of optical spectroscopy methods (fluorescent, infrared) in food analysis. It will provide an overview of the current status of these methods in food analysis and future perspectives for their application.

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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.

Editor-in-Chief

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