

Special Issue

Development of Fluorescent and Infrared Spectroscopy Methods' Applications in Food Analysis

Message from the Guest Editors

Optical spectroscopy (infrared and fluorescent) methods have become increasingly important for a wide variety of analytical applications in biology and chemistry as a result of significant technical advances in both instrumentation and data analysis tools in the past two decades. Coupled with advanced mathematical/statistical tools, optical spectroscopies allow a rapid, accurate, and reliable qualitative and quantitative analysis of 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 a powerful, fast, and non-destructive tool for food quality analysis and control.

For this reason, a Special Issue of *Foods* is being released focused on the development of applications of optical spectroscopy methods (fluorescent, infrared) in food analysis. It will provide an overview of the current status and future perspectives of the applications of these methods in food analysis.

Guest Editors

Prof. Dr. Ksenija Radotić

Institute for Multidisciplinary Research, University of Belgrade, Belgrade, Serbia

Dr. Maja Natic

Faculty of Chemistry, University of Belgrade, 11000 Belgrade, Serbia

Deadline for manuscript submissions

closed (20 June 2024)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/149057

Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)





Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)



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

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, AGRIS, PubAg, and other databases.

Journal Rank:

JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).