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## Chemometric Analysis of Food: Spectroscopic Techniques, Authenticity Identification and Food Applications

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Deadline for manuscript  
submissions:

**closed (15 June 2024)**

### Message from the Guest Editors

There is a need for innovative analytical approaches in the food safety field to authenticate the food quality of products for consumers. The evaluation of spectroscopy tools is rapidly gaining ground at all levels in food authenticity analyses. Chemometrics can be deemed an essential approach for the differentiation of similar samples that require authentication by authorities. For instance, recent advances through the dissemination of ‘fingerprinting strategies’ have enabled the study of many factors that influence food identity. It is worth noting that in authenticity studies, there are a wide range of areas to consider, such as chemical constituents, freshness, toxic substances, microorganisms and adulteration monitoring. In addition, providing evidence of the traceability of food variety and origin is critical.

This Special Issue invites authors to submit articles that focus on spectroscopy and chemometrics in an area of food authenticity that may focus on the topics below.

- Identification of products in accordance with the associated species
- Farming system approaches
- Geographical origin
- Production methods
- Processing techniques



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**Special** Issue



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## 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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