

## Special Issue

# Novel Applications of Machine Learning Combine with Chemometrics in Food Quality Assessment

### Message from the Guest Editors

The classification of food samples based on their chemical composition can provide useful information for various purposes, such as determining geographical origin and authenticity, product characteristics, quality control for companies, preservation, and product differentiation. Analysis of ingredients like vitamins, minerals, enzymes, food additives, flavors, and colors can reveal insights into food quality and health impacts on consumers. One classification problem is the authentication of organic foods. Certification labels indicating country of origin or food type add market value to products, making the authentication process relevant for preventing potential fraud. Since differences between food types and origins are not usually visible, systematic verification of authenticity and traceability relies on chemical analysis. Certification requires several steps that considerably increase product value. Methodologies for authenticating food type or origin are of great interest.

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### Deadline for manuscript submissions

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## Foods

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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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