



*foods*

IMPACT  
FACTOR  
3.011

an Open Access Journal by MDPI

## Foods Quality Assessed by Chemometrics

Guest Editors:

**Dr. Christos Soukoulis**

Luxembourg Institute of Science  
and Technology, Environmental  
Research and Innovation  
Department, Belvaux,  
Luxembourg

[christos.soukoulis@list.lu](mailto:christos.soukoulis@list.lu)

**Dr. Christelle Andre**

Luxembourg Institute of Science  
and Technology, Belvaux,  
Luxembourg

[christelle.andre@list.lu](mailto:christelle.andre@list.lu)

Deadline for manuscript  
submissions:

**31 January 2020**

### Message from the Guest Editors

Food industry stakeholders are challenged to promote food quality meeting prerequisites encompassing sustainable and eco-green processing, increased shelf-life without safety, sensory satisfaction and nutritional value compromises. In addition, food fraud related to deliberate product mislabelling or economically intended adulteration, is of major concern for both industry and regulatory authorities due to cost and public health implications. In this context, chemometrics tools, such as optimisation designs, supervised and unsupervised exploratory analyses and multivariate regression modelling, are commonly implemented as part of food quality assessment.

In this Special Issue, we aim at publishing innovative papers on: Food authenticity and adulteration case studies, foodomics, mathematical modelling and optimisation of food industry relevant unit operations including bioprocessing and food waste valorisation, optimisation of food composition, nutritional value, storage stability and consumers' acceptability, and prediction of food shelf-life, adopting chemometrics assisted instrumental and sensory data analysis approaches.



[mdpi.com/si/13795](http://mdpi.com/si/13795)

**Special** Issue



*foods*

IMPACT  
FACTOR  
3.011

an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Christopher J. Smith**

Manchester Food Research  
Centre, Manchester Metropolitan  
University, Hollings Faculty, Old  
Hall Lane, Manchester M14 6HR,  
UK

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High visibility:** Covered by the Science Citation Index Expanded (SCIE) in Web of Science, as well as PubMed, Scopus and other databases; full-text archived in PubMed Central.

**Rapid publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 13.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2019).

## Contact Us

---

*Foods*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
www.mdpi.com

mdpi.com/journal/foods  
foods@mdpi.com