

## Special Issue

# Combining Artificial Intelligence for Nutrition Applications: Recent Advancements

### Message from the Guest Editors

As artificial intelligence gains momentum in scientific labs and industries worldwide, the potential benefits and power of AI for enhancing our daily lives have become increasingly apparent. The use of AI to enhance our understanding of nutrition and health has been gradually embraced by the nutrition and health community over the past decade, and this trend is still on the rise. As a cutting-edge advancement, can today's AI offer more value in terms of dietary nutrition and health for a deeper understanding? We are pleased to announce this Special Issue as a platform for a wide range of topics related to the integration of artificial intelligence for nutrition applications, will cover the intelligent collection of dietary nutrition and health information, intelligent analysis related to diet and nutrition, and intelligent recommendations for diet and nutrition, as well as providing intelligent solutions and tools for dietary nutrition, personalized nutrition and health management.

### Guest Editors

Dr. Gang Wang

State Key Laboratory of Food Science and Technology, Jiangnan University, Wuxi 214122, China

Dr. Jinlin Zhu

State Key Laboratory of Food Science and Technology, Jiangnan University, Wuxi 214122, China

### Deadline for manuscript submissions

closed (5 June 2024)



## Nutrients

an Open Access Journal  
by MDPI

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/164441](https://mdpi.com/si/164441)

*Nutrients*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[nutrients@mdpi.com](mailto:nutrients@mdpi.com)

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





# Nutrients

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



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



## About the Journal

### Message from the Editorial Board

*Nutrients* is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

---

### Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)