Special Issue

Data Science and Machine Learning for Nutrition Studies

Message from the Guest Editors

Big data, data science, and artificial intelligence (AI) have the potential to reshape nutrition research and the nutrition industry. Ongoing efforts have focused on the use of AI in dietary assessment, lifestyle intervention, nutrition–body interactions, nurture–nature associations, obesity management, dietary evaluation, personalized dietary suggestions, and the screening of malnutrition, to just name a few. With this, the current Special Issue invites academic researchers and industry experts to share their latest discoveries in a wide range of topics, including but not limited to the following:

- Big data nutrition studies;
- AI in precision nutrition;
- Chatbot for nutrition;
- Food safety and quality control;
- Public health nutrition and nutritional epidemiology;
- Omics nutrition data integration;
- Smartphone or mobile digital device-based nutrition studies;
- Malnutrition prediction;
- Ethical and regulation issues and policy making.

Guest Editors

Dr. Yangming Ou

1. Department of Radiology, Harvard Medical School, Boston, MA 02115, USA
2. Division of Newborn Medicine, Boston Children's Hospital, Boston, MA 02115, USA

Dr. Sarah U. Morton

1. Division of Newborn Medicine, Department of Pediatrics, Boston Children's Hospital, Boston, MA 02115, USA
2. Department of Pediatrics, Harvard Medical School, Boston, MA 02115, USA

Deadline for manuscript submissions

15 December 2025

Nutrients

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. Lluis 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

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