

Special Issue

Artificial Intelligence in Nutrition Research: Current and Future Perspectives and Applications

Message from the Guest Editor

Advances in artificial intelligence (AI) are reshaping nutrition research, offering innovative solutions to complex challenges and unlocking new possibilities for personalized and precise nutritional interventions. This Special Issue of *Nutrients* focuses on the transformative role of AI, from machine learning in dietary assessment to predictive modeling of health outcomes and smart tools for individualized nutrition. By integrating AI with nutritional science, researchers can analyze large datasets, uncover intricate diet-health relationships, and tailor recommendations with unprecedented accuracy. These advancements promise to enhance our understanding of nutrition and drive impactful public health strategies. As , I warmly invite researchers to submit original articles or reviews showcasing AI-driven methodologies, addressing key challenges, or presenting practical applications in nutrition. Join us in exploring how AI can revolutionize nutrition research and shape the future of health.

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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.

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