Special Issue

Advances in Technology for Dietary Assessment

Message from the Guest Editor

The best way to scientifically analyze and evaluate the nutritional value of food and evaluate dietary structure has become a key link in nutritional intervention and consumption guidance. The emergence of information technology, omics technology, and new model animals provides new opportunities for the development and progress of dietary assessment technology. This Special Issue will delve into the new methods, models, technologies, and related applications for dietary nutrition assessment. We request original articles related to this topic, including research papers and reviews, with topics including, but not limited to, the following: 1. Methods, models, techniques, etc., for evaluating the nutritional quality of single dietary ingredients (ingredients, agricultural products); 2. Nutritional evaluation methods, models, techniques, etc., for processed and catering foods; 3. Dietary survey, dietary structure assessment methods, models, techniques, etc.; 4. Evaluation and analysis of dietary patterns in different regions and populations, as well as research on their relationship with human nutrition and health.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2025)



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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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