

Special Issue

Food Chemistry and Contaminants: Bridging the Gap between Sustainability, Environmental, and Public Health

Message from the Guest Editors

Product authenticity and safety are among the main demands in the food field, aiming to satisfy consumer concerns about what they are eating. Green Analytical Chemistry has contributed to food safety, bioactivity and quality assessment, improving communities' nutritional status while increasing sustainability awareness. Green Analytical Chemistry principles aim to implement efficient methods with reduced use of toxic solvents and minimize waste generation. In addition, emerging extraction technologies increase the compound's recovery and prepare samples for analytical detection. The coupling between extraction and detection techniques could also reduce the generation of waste solvents and the analysis time. This Special Issue focuses on the current state of knowledge on the food analytical chemistry techniques used to assess the nutritional, bioactive, and contaminants levels to establish the relationship between food quality and human health. New research papers, reviews, case reports and conference papers are welcome to this issue.

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Deadline for manuscript submissions

closed (31 December 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/147468

*International Journal of
Environmental Research and
Public Health*

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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