Special Issue

New Technology for Food Quality and Safety Analysis

Message from the Guest Editor

Food analytical techniques are imperative to understand food components and also protect public health against potential pollution exposure. Benefiting from the development of the Internet and electronic information technology, portable sensing strategies, independent of special instruments and laboratories bound, have become attractive candidates for on-site detection in a portable and user-friendly mode. Therefore, optical/electric-based new analytical technologies integrating with nanozymes, carbon-based nanomaterials, biomimetic catalysis and guest-host recognition have attracted more attention in food quality and safety analysis. In this Special Issue, the user-friendly methods will have the superiority of temporariness, easy operation, minimize analytical residues, environmental protection, portability and reliability. Moreover, we encourage the submission of manuscripts focused on point-of-use tracking of food processing, complex components, and hazardous substances with the merits of broad potential applications, eventually bringing benefits to public protection in resource-deficient settings.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2024)

About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, Foods has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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