Special Issue

Application of Chromatography-Based Techonologies in Food Analysis

Message from the Guest Editors

Food contaminants typically include environmental contaminants, food processing contaminants, adulterants and non-approved food additives, and migrants from packaging materials.

Due to the potential presence of a huge range of high-risk substances in food, there is a need to develop new analytical methods that allow rapid and efficient sample preparation together with the reliable determination of the compounds of interest. In this sense, both liquid and gas chromatography have played a significant role in the development of analytical methods for food analysis, thanks to their separative abilities and tremendous versatility. This Special Issue welcomes original research and reviews of literature on modern LC- and GC-based solutions for monitoring veterinary drugs and contaminants in food, including the determination of permitted and banned chemicals but also other borderline compounds such as food additives, plasticizers, or heavy metals. Contributions must reflect the state-of-the-art on the topic, and analytical methods must be properly validated according to official guidelines.

Guest Editors

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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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