Special Issue

Rapid Analytical, Removal and Transformation of Chemical Residues in Foods

Message from the Guest Editor

This Special Issue will cover various contaminants that threaten our food safety. Among these contaminants, the organic chemicals can be from foods themselves, produced during processing, or left behind after human activity. Research on the formation, analysis, transformation, and removal of these compounds is very important for ensuring the consumer's safety from these pollutants. The analysis of hazardous compounds from foods requires a rapid analytical method for quickly acquiring data. The use of single or tandem mass spectrometry for the analysis of organic compounds with high sensitivity and selectivity is widespread. The concentrations of chemicals decrease over time. To determine when the residue levels are acceptable for consumption, the dissipation of chemical contaminants in raw agricultural commodities needs to be studied. An organic compound is transformed in structure in the environment by many different systems. Sometimes, more toxic transformed products can be produced, and a method of removal is necessary.Knowing the levels of pollutants in the foods we consume is also important for protecting humans from unwanted chemicals.

Guest Editor

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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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