

Special Issue

The Analysis and Risk Assessment of Organic Pollutants in Food Products

Message from the Guest Editors

Unsustainable development strategies have hurt ecosystems worldwide. Environmental waters are polluted daily with organic contaminants like dyes, pesticides, antibiotics, disinfectants, food additives, and nitrophenols, released without sufficient treatment. The persistence of non-biodegradable organic pollutants in the environment leads to their accumulation in living beings and introduces these contaminants into the food chain, causing significant harm to the ecosystem. The pesticides utilized impact the reproductive and immune systems and cause various metabolic diseases due to the regular consumption of food and water contaminated with them. Excessive antibiotic use in agriculture and other industries fosters bacterial resistance. Overusing chemical additives can lead to gastrointestinal, neurological, and immunological diseases. Nitrophenols, used in various industries, are non-biodegradable and can have carcinogenic, mutagenic, and teratogenic effects. Therefore, reducing their use and dose and finding natural alternatives are of fundamental importance to minimize the risks to human health and planet Earth.

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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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