Special Issue

Aquatic Products Safety: Determination Methods of Contaminant

Message from the Guest Editor

Diet is considered the primary source of human exposure to toxic contaminants that can be present in marine and aquatic organisms entering the food chain. They generally remain in the environment for many years and are therefore known as persistent organic pollutants, including polycyclic aromatic hydrocarbons, polychlorinated biphenyl compounds, dioxins, and brominated flame retardants. Additional contaminants that undermine the safety of aquatic products are some metals, such as arsenic and methylmercury, which can be found at high concentrations in drinking water and seafood, respectively. Marine pollution from plastic has become a growing global concern and the degradation and fragmentation of this debris result in small-sized plastic particles, the so-called microplastics, which are ingested by marine biota through passive water filtration or feeding activity and arrive to humans via the food web. This special issue focuses on known and emerging contaminants that can be detected in marine and aquatic products, the related toxicity for living organisms, consumers, and the environment, and the future perspectives to be addressed.

Guest Editor

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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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