

Special Issue

Recent Research on the Extraction and Characterization of Phenolic Compounds from Foods and Their Potential Antioxidant Activities

Message from the Guest Editors

There has been increasing scientific interest in the extraction and characterisation of phenolic compounds from food sources due to their potential health-promoting properties. Phenolic compounds are known for their powerful antioxidant activity, which may contribute to reducing oxidative stress and preventing chronic diseases. The research in this area is evolving rapidly, and novel and sustainable extraction methods, such as ultrasound- and microwave-assisted techniques, are being used, along with green solvents. Advances in analytical technologies are enhancing our precision in identifying and quantifying these bioactive compounds. Investigations are increasingly being focused on understanding the bioavailability of phenolic compounds and their contribution to the nutritional and functional quality of foods, opening up new possibilities for innovation in food processing and formulation and the development of health-orientated products. This Special Issue will focus on recent advances in food development and corresponding analyses for the extraction and characterisation of phenolic compounds and their bioactivities.

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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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