

Special Issue

Extraction and Separation of Natural Products from Plant Food

Message from the Guest Editors

Plant-based natural products have important uses in the ancient and modern societies. Natural products, either pure or as standardized extracts, provide substrates for new active compounds suitable for the food, cosmetic and pharmaceutical industry. The quality of plant extracts depends on the quality of the raw materials and the applied extraction techniques. Different approaches can be used for the recovery of phyto-components from their natural sources: conventional extraction techniques are commonly used for the production, but in recent years, the use of more efficient, environmentally friendly and economical advanced extraction techniques has been increasing due to better yield of targeted molecules and quality of the extract. Achieving the isolation of pure natural products from complex mixtures remains challenging and the application of more selective methods from extraction to fractionation and purification will speed up the time from collecting biological material to isolating the final purified compound. The focus of this paper is on analytical methodologies, which include the extraction, isolation and characterization of active ingredients from natural plants.

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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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