

## Special Issue

# Recent Advances in Extraction and Analysis of Food Carbohydrates

### Message from the Guest Editors

Carbohydrates are one of the main food constituents that are either naturally present or added as ingredients to improve the technological or bioactive properties of foods. As ingredients, they can be synthesized by enzymatic or chemical reactions or extracted from natural sources. In this sense, there is a great interest in the development of new methodologies, based on advanced techniques and fulfilling the principles of green chemistry, to provide an improved extraction of target carbohydrates. Moreover, the complex compositions of carbohydrate-rich extracts usually makes chromatographic techniques coupled with mass spectrometry the tool of choice for their analysis due to its high resolution and identification power. In this Special Issue, the most recent advances, as either original research articles or reviews, in the development and application of new strategies for the extraction and analysis of food carbohydrates will be addressed. This Special Issue is supported by the Sample Preparation Study Group and Network, supported by the Division of Analytical Chemistry of the European Chemical Society.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2022)



## Foods

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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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