Special Issue

Extraction and Characterization of Food Components

Message from the Guest Editor

Diverse plant materials and foods are well known as great sources of nutrients and bioactive compounds, which can be obtained by using different separation techniques, such as physical, chemical or enzyme-assisted extraction. Among these techniques, supercritical and subcritical fluid extraction, ultrasound-assisted extraction, microwave-assisted extraction, enzyme-assisted extraction, hot water extraction, and pressurized water extraction, among others, have emerged as alternative green methods. Otherwise, conventional extraction methods, such as solvent-based and mechanical pressing, are still prevalent in industrial facilities due to their versatility, high yield and relatively low cost. Separation methods are among the key steps in obtaining target compounds with higher quality and yield, as well as superior market value. Thus, this Special Issue focuses on presenting diverse extraction methodologies, both conventional and green, including, but not limited to, posthaste isolation and characterization of the extracted natural compounds (nutrients and bioactive substances) from different food matrices.

Guest Editor

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Editor-in-Chief

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