

Special Issue

Recent Advances in Quality, Safety and Sensory Analysis of Vegetable Food Products

Message from the Guest Editors

The application of non-conventional technologies in the processing of vegetable food products seeks to respond to consumers' needs and desires. There is an increasing demand for foods with distinct characteristics and of superior quality that are also safe, highly nutritious, and minimally processed. Furthermore, it is necessary to apply the principles of a circular economy by reducing waste and valuing the by-products generated via processing through the development of new products and new applications. Thus, non-conventional technologies aim to obtain products that preserve, or do not negatively alter, the physical-chemical, biological, and sensory characteristics of foods. Food safety, and the economic viability of the applied technologies and products obtained, are equally valued topics. Special attention will be paid to the following topics: High hydrostatic pressures; Supercritical fluids; Ultrasounds; Atmospheric cold plasma; Ultraviolet radiation; Irradiation; Microwaves; Joule heating and pulsed electric fields; Intelligent packaging/active packaging.

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