

Special Issue

Novel Thermal Processing Technology of Fruits and Vegetables

Message from the Guest Editors

Fresh fruits and vegetables are easily perishable due to their high moisture content, leading to a short shelf-life. Thermal treatments, including blanching, drying, frying, and cooking, are usually used to process the fruits and vegetables, so as to extend their shelf life, improve the flavors, and add value. However, the traditional thermal processing methods, such as hot water blanching, open sun drying, and high-temperature frying, generally result in great degradation and the loss of bioactive compounds, as well as low processing efficiency.

Therefore, it is urgent to develop novel and efficient thermal processing technology for fruits and vegetables.

The objective of this Special Issue is to collate a series of original research and review papers on the thermal processing technology applied to fruits and vegetables, including, but not limited to, novel technology and equipment, quality evaluation, bioactive compounds, and artificial intelligence.

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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Prof. Dr. Les Copeland

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