

Special Issue

Novel Thermal and Nonthermal Food Processing Technologies

Message from the Guest Editor

Preserving or altering the eating quality of food by heating still remains the most important method of food processing. However, heat can destroy food components that are responsible for flavor, taste, color, or texture. Non-thermal food processing technologies have the same objectives as novel thermal technologies. Since non-thermal food processing technologies generate little heat during processing, more fresh-like products can be obtained. The aim of this Special Issue is to show the potential applications of novel thermal and non-thermal processing technologies in food processing. We invite authors to submit innovative research papers or comprehensive review papers discussing these novel thermal treatment and non-thermal food processing technologies. Papers that address the combination of thermal- and non-thermal technologies are also welcome. Keywords

- novel thermal processing
- non-thermal processing
- emerging technology
- ohmic heating
- radio frequency heating
- high hydrostatic pressure
- pulsed electric field
- cold plasma

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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