

Special Issue

Carotenoids in Fresh and Processed Food: Between Biosynthesis and Degradation

Message from the Guest Editor

There is a general trend in food science to link food and health. Food is considered not only a source of energy but also an affordable way to prevent future diseases. So studying carotenoids content in food is very relevant; and epidemiological studies have demonstrated that the consumption of diets rich in carotenoids is associated with a lower incidence of cancer, cardiovascular diseases, and age-related macular degeneration. Although many works have been conducted about the presence and properties of carotenoids in food, some challenges must be still faced in this research field: The role of carotenoids as antioxidants and its mechanism of action are needed to be investigated further; detailed qualitative and quantitative composition of carotenoids in underutilized fruits and vegetables is required; how emerging packaging and processing techniques can preserve the content of carotenoids in processed food products; etc. This Special Issue aims to group original research articles and review articles that can improve the knowledge in the aforementioned fields.

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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