Special Issue

New Insights into Food Analysis Methods

Message from the Guest Editors

Food analysis is essential to determine the safety and quality of food. With the development of new technologies, we are now able to detect smaller amounts of various substances, nutrients and contaminants. Moreover, optical techniques and imaging techniques, rheology and texture analysis are becoming increasingly popular among food technologists and scientists, providing real-time results and serving as tools to predict changes and control production processes. Additionally, finding the existence of new relationships between food ingredients, environmental factors, production methods and storage conditions using statistical and mathematical analyses makes it possible to calculate the impact of various factors on food quality and safety with increasing accuracy. This Special Issue is focused on new insights into food analysis methods and how their application can help detect or predict the occurrence of chemical or biological hazards as well as changes in the shelf-life, nutritional value and quality of products. For more information on the Special Issue, please visit LINK https://www.mdpi.com/journal/applsci/special_issues/S3YCSRYI3R

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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.

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