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# Advances of Chemometrics and Artificial-Intelligence-Based Approaches to Food Analysis

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# **Message from the Guest Editors**

The quality and safety of food is an important issue concerning human health, social Steady development. Conventional methods for the detection of food quality are laborious, tedious, destructive, and time-consuming. Non-destructive methods are advancements in food quality evaluation that are useful for obtaining quantitative and qualitative data without destruction of the sample. Thus, the concept of food "sensing"-based analysis has attracted widespread attention and has found applicability to a variety of food "commodities".

In recent years, the combination of analytical tools and data-science-based algorithms has attracted the attention of researchers in the field of food analysis. However, to combat challenges in food integrity (i.e., quality, safety, authenticity), more sophisticated data-science tools need to be developed, tailored.

This Special Issue aims to collect manuscripts related to the implementation of advanced artificial-intelligencebased techniques, coupled with classical chemometric strategies used in food analysis, to solve issues related to food integrity.













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# **Editor-in-Chief**

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