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The Application of Chemometrics-Assisted Spectroscopy in Authentication of Foods and Beverages

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Deadline for manuscript
submissions:

closed (15 February 2024)

Message from the Guest Editors

Due to the ultimate convenience of molecular spectroscopy, it has become an increasingly popular tool for food safety evaluation. There are multiple advantages of molecular spectroscopy detection, such as non-destruction, free-reagent, rapidness, and on-site possibilities. Without doubt, all new spectroscopy with chemometrics-assisted algorithms, technologies, and equipment will make detection in food authentication more convenient and sustainable. Based on the above research or methodologies, the evaluation standard of food quality could be greatly improved. As a result, this Research Topic focuses on food or beverage authentication. We welcome review submissions, innovative methods, or perspective articles on the advanced utilization of vibrational spectroscopy or innovative spectral approaches. Additionally, we set no limit on food fraud identification involving new chemometrics development, mobility or miniature implementation, selection of high-throughput equipment, statistical modeling, spectral signal processing, pattern recognition, 5G data transmission, and hyperdata mining.



mdpi.com/si/182226

Special Issue



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Message from the Editor-in-Chief

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