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Characterization and Quality Evaluation of Food and Beverages through Spectroscopy and Chemometrics

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Message from the Guest Editor

Food and beverages evaluation and characterization are a continuous challenge. The need to detect increasingly sophisticated fraud techniques, to quickly assess quality in off-line and on-line monitoring and to accurately characterize food and beverages demand for quick, accurate and expedite laboratorial techniques. Spectroscopy, mostly infrared and mass, has become an interesting alternative to standard laboratorial techniques due to its fastness, environmentally friendly characteristics and accuracy. Moreover, the development of metabolomics boosted the knowledge on food and beverages composition being an efficient way to detect its quality/degradation. Due to the high amount of data generated by these spectroscopic techniques, chemometrics is sometimes a mandatory tool helping to extract the valuable information of such complex matrices.



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Special Issue



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Message from the Editor-in-Chief

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