

Special Issue

Food Quality and Safety: Advances in Analytical Methods and Applications

Message from the Guest Editors

Assessing food safety and quality is nowadays a key point in world policies. The need to protect public health is leading to increasingly stringent legislation which, by lowering the limits allowed for certain substances, requires the development of increasingly sensitive methods. The spread of novel food is a further reason for the development of new analytical methods and devices, as well as tools for early detection. This Special Issue is open to expert review and original contributions dealing with advances in analytical methods for detection and quantification of potentially hazardous substances in food matrices. It is also aimed at gathering new approaches in the field of assessment of food quality, covering the relevant physicochemical, microbiological/biological and organoleptic analysis of foods, rapid measurement techniques for functionality, and nutrient prediction. Papers are welcome on all the above topics including, but not limiting to, spectroscopy, mass spectrometry, chromatography, chemical speciation, NMR, sensor analysis (even biomimetic), and their applications.

Guest Editors

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Deadline for manuscript submissions

closed (10 July 2022)



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Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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