# Special Issue

# Analysis of Volatile and Odor Compounds in Foods—Second Edition

## Message from the Guest Editors

At present, the necessity to chemically characterize the aromatic profiles of foods is increasing, due to their link to quality, authenticity and geographical traceability. The aromatic profile of food is very complex, as it includes a large number of different volatile organic compounds (VOCs), and it can be influenced by raw materials and/or conditions in the manufacturing process. Thus, the development of analytical methodologies to characterize food flavor patterns with the aim of improving food quality is certainly a priority. This Special Issue aims to collect papers focused on developing novel analytical methodologies suitable for the analysis of volatile and odor compounds in foods, as well as on using aroma profile as a means of fingerprinting in the quality and authenticity of food. In this context, the use of multivariate data analysis could provide significant support for the development of these methodologies, given the multivariate nature of aroma fingerprints acquired with different analytical methods. In this Special Issue, original research articles and reviews are welcome.

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## Deadline for manuscript submissions

closed (1 March 2023)

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As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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