

Special Issue

Novel Developments on Volatile Compounds and Sensory Analysis of Alcoholic Beverages

Message from the Guest Editors

Volatile compounds, belonging to many chemical families, are present in alcoholic beverages in very different amounts, arising either from raw material (e.g., grapes, barley, hops), secondary metabolites of fermentation (yeast/bacteria) or from aging when applied (e.g., in oak wood). In recent years, the search for diversification of products and processes poses new challenges to the study of volatile compounds in alcoholic beverages.

This Special Issue aims to focus on new approaches to volatile compound methods, as well as new approaches in their sensory evaluation for the study of alcoholic beverages (fermented beverages from different raw materials such as cider, wine, beer, or other and distillates such as spirits). Possible subjects comprise but are not limited to the following:

New analytical approach for volatile quantification;

Olfactometric studies;

New sensory approaches;

Different technologies and their influence on volatile composition and/or sensory composition;

New raw material and its influence on volatile composition and/or sensory composition.

Guest Editors

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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