

Special Issue

Wine Chemistry: From Flavor Profiling to Sensory Quality

Message from the Guest Editor

Aromatic compounds are chemical volatile organic compounds (VOCs) that have a taste or smell. Aromatic compounds are widely found in food, wine, flavorings, and aromatic oils. Wine is a very complex chemical mixture. In wine, the flavor and aroma of the wine are the result of the interaction of a large number of compounds and receptors, while some phenolic and aromatic compounds are by-products of the fermentation reaction. In recent years, due to the rapid development of analytical equipment, many chemical components have been identified in grapes and wines by metabolomic methods, stoichiometric and spectrometric measurements, which add to the complexity of wine flavor. This Special Issue aims to be a useful tool for wine research, as well as a reference for the wine industry, while it will be an appropriate opportunity for authors to make their results and analysis visible.

Guest Editor

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Deadline for manuscript submissions

31 July 2026



Molecules

an Open Access Journal
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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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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