Special Issue

Progress in Volatile Organic Compounds Research II

Message from the Guest Editor

Following the success of the Special Issue “Progress in Volatile Organic Compound Research”, in which 15 research papers were published, we have decided it is both timely and pertinent to launch a second edition. Volatile organic compounds (VOCs) have been intensively investigated in recent years from different origins: plant/marine algae secondary metabolites, food/beverage aroma, fungal/bacterial volatiles, and others. Different conventional or innovative methods of VOC isolation followed by analysis with chromatographic and spectroscopic techniques (most often mass spectrometry) provide different VOC chemical profiles. Chemical biomarkers of botanical origin or chemotaxonomic markers or essential oil chemotypes can be found. Many VOCs possess different biological activities, such as antioxidant, antimicrobial, antiviral, anticancer, and others.

This Special Issue “Progress in Volatile Organic Compound Research II” aims to attract up-to-date contributions on all aspects of VOC chemistry (from challenges in their isolation/extraction, analysis/structure determination to synthesis) and on unlocking their biological activities or other useful properties.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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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