

Special Issue

Plant Volatile Organic Compounds

Message from the Guest Editor

Plants emit complex mixtures of low molecular weight volatile molecules containing nitrogen and aromatic compounds named volatile organic compounds (VOCs). These airborne compounds are constitutively released or synthesized in reaction to biotic and abiotic stimuli and perform different ecological functions, such as protecting plants from extreme environmental conditions, attracting pollinating insects, recalling predators of arthropods or herbivorous parasites and communication among plants. This Special Issue will contain articles on the chemical biology, organic chemistry and pharmacology of VOCs. Furthermore, particular attention will also be given to the chemical analytical aspects of the VOCs.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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