

Special Issue

Volatile Natural Products: Extraction, Characterization and Application

Message from the Guest Editor

Natural products originate from nature. The secondary metabolites of plants exist as small molecules, such as in essential oils and aromas. These compounds have various functions, including sterilization, antibacterial activity, antidepressant effects, insect repellency, stress relief, and sleep aid, and they can be developed into products like perfumes, cosmetics, food, and medicine. Modern scientific research typically begins with the extraction and purification of natural substances. After obtaining pure compounds, chemical instruments are used to identify their molecular structures and explore their applications. This Special Issue invites scholars who study volatile natural substances to contribute their academic expertise and publish their research findings.

Guest Editor

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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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