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Volatile Compounds Emitted by Flowers: Extraction, Identification, and Application

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Message from the Guest Editor

Numerous volatile organic compounds (VOCs) with a large chemical diversity are emitted by plant flowers. More than 1700 volatile compounds have been identified and can be classified in the following categories: terpenoids, phenylpropanoids, fatty acid and amino acid derivatives, various compounds containing sulfur, as well as furanocoumarins and their derivatives. Floral scent therefore not only has a role in several eco-physiological processes, but also enhances the aesthetic character of ornamental plants and is widely used in the perfume and fragrance industry, in the food industry, and in cosmetics.

This Special Issue of *Plants* will highlight the isolation/extraction methods, chemical diversity of plant volatiles emitted by flowers in plants, and applications including their role in the interactions of plants with their environment.



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Special Issue



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Message from the Editor-in-Chief

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