Special Issue

Separation Technology in the Analysis of Biogenic Volatile Organic Compounds

Message from the Guest Editor

For decades, Volatile Organic Compounds (VOCs) have been of great interest within the worldwide research community. They are organic compounds of natural or anthropogenic origin with very high vapor pressure and low boiling points. Biogenic VOCs are mainly emitted by plants, but they also can be emitted by animals and microorganisms. They are involved in communication between animals and plants. The branch of chemistry that studies VOCs is known as “Volatilomics”. This Special Issue focuses on the methods employed in the isolation, separation and identification of VOCs related to biological systems. Manuscripts should focus on—but are not limited to—the following topics:

- Sampling and preconcentration techniques, such as sorbent enrichment, membrane extraction and headspace techniques.
- Miniaturized trapping devices.
- Novel isolation techniques, such as ultrasound-assisted extraction, microwave-assisted solvent extraction, supercritical fluid extraction or subcritical water extraction.[...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/separations /special_issues/Separation_Volatile

Guest Editor

Dr. Eleftherios Alissandrakis

1. Laboratory of Quality and Safety of Agricultural Products, Landscape and Environment, Department of Agriculture, School of Agricultural Sciences, Hellenic Mediterranean University, Stavromenos PC, 71410 Chania, Greece
2. Institute of Agri-Food and Life Sciences, University Research Centre, Hellenic Mediterranean University, Stavromenos PC, 71410 Crete, Greece

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Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

mdpi.com/journal/separations

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Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

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