Special Issue

Application of Liquid Chromatography in the Environmental Samples Analysis

Message from the Guest Editor

We are pleased to announce a Special Issue of *Molecules*, entitled "Application of Liquid Chromatography in the Analysis of Environmental Samples". Selective and sensitive liquid chromatography (LC)-based analytical methods (HPLC, UPLC, UPLC-MS/MS, UPLC-PDA, and UPLC-Q-TOF) are required for the quantitative analysis of pollutants in environmental samples, and standardized analytical methods are necessary to protect the environment. This Special Issue will cover the development and validation of LC-based analytical and bioanalytical methods for the quantification of pollutants, including prescription and non-prescription drugs, pesticides, antimicrobial agents, and other organic compounds from industrial and biological wastes in water, soil, and aquatic species. We invite reviews, original research articles, and short communications describing analytical methods for the targeted or non-targeted analysis of pollutants in environmental samples. Analytical methods covering a wide range of pollutants, high-throughput methods, improved sample processing, and novel environmental sample handling techniques are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2023)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/106643

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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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