Special Issue

Determination of Emerging Organic Pollutants by GC/LC-MS

Message from the Guest Editors

In recent years, gas/liquid chromatography-mass spectrometry (GC/LC-MS) has been widely used in targeted chemical screening and quantitative evaluation. By establishing appropriate sample preparation and instrumental analysis protocols, we can determine these harmful pollutants in many different matrices. However, the determination of some novel organic pollutants remains challenging due to issues such as the transformation of target analytes, interference from complex matrices, and blank contamination. Therefore, simple, accurate, and reliable analytical methods still need to be explored.

We welcome researchers in related fields to share their research on the determination of organic pollutants by GC/LC-MS. The research content may include, but is not limited to, (1) the establishment of new sample preparation protocols for biological samples and non-biological samples, (2) the improvement of chromatography and mass spectrometry, and (3) effective measures for quality assurance and quality control.

Guest Editors

Dr. Bibai Du
Guangdong Key Laboratory of Environmental Pollution and Health, Guangdong-Hongkong-Macau Joint Laboratory of Collaborative Innovation for Environmental Quality, College of Environment and Climate, Jinan University, Guangzhou 510632, China

Dr. Hui Chen
Guangdong Provincial Academy of Environmental Science, Guangzhou, 510045, China

Deadline for manuscript submissions

closed (20 February 2025)

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Editor-in-Chief

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

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