

Special Issue

Molecular Applications of Technologies and Techniques for the Extraction of Simple Molecules and Compounds

Message from the Guest Editor

Extraction technologies play a crucial role in various industries, including pharmaceuticals, food and beverage, cosmetics, environmental science, etc. These technologies are utilized to isolate specific molecules from complex mixtures for further analysis, purification or commercialization. Sample preparation is a critical step in analytical chemistry, especially when dealing with trace analytes. Various extractive isolation techniques have gained popularity due to their ability to efficiently concentrate and purify target analytes. These techniques not only improve the sensitivity and selectivity of analytical methods, but also contribute to reducing solvent consumption, energy usage and waste generation, aligning with the principles of green analytical chemistry. This Special Issue (SI) aims to highlight progress in the application of novel or modified classical approaches to the extraction of simple molecules and compounds. It is my pleasure to invite you to submit a manuscript for this SI. Full papers, briefs and reviews are welcome.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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