

Special Issue

Advances and Challenges in Green Extraction and Sustainable Processing of Natural Products

Message from the Guest Editors

As the global industry shifts toward a circular bioeconomy, the extraction of bioactive compounds must evolve beyond traditional solvent-heavy methods. This Special Issue aims to collect cutting-edge research presented at the International Conference on Green Extraction of Natural Products, focusing on the "Six Principles of Green Extraction." This Special Issue includes, but is not limited to, the following topics:

- New research on green extraction technologies
- Sustainable processing technologies for natural products;
- Optimization and scaling-up of the extraction process;
- Efficient utilization and recovery of resources during the extraction of natural products;
- Environmental impact assessment and life cycle analysis during the extraction process;
- Application of green solvents and alternative solvents in the extraction of natural products;
- Challenges in converting green extraction technologies from laboratory scale to industrial scale;
- Application of intelligence and automation technologies in the extraction and processing of natural products;
- Green extraction methods for new bioactive components.

Guest Editors

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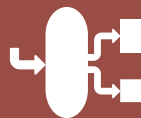
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