



Emerging Extraction Techniques for the Recovery of Phytochemicals: Development, Optimization and Industrial Application

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Deadline for manuscript
submissions:

closed (20 May 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue is devoted to advancements in the field of extraction techniques and their application for bioactive compound isolation from plant sources. There is an increasing trend among the scientific community and stakeholders for the development of novel extraction techniques due to their cost efficiency and reduced environmental impact. Since there is also an increasing trend in the world's population and the consumption of bioactive compounds in the human diet, utilization of these extraction techniques would allow more efficient exploitation of existing natural resources in terms of phytochemical recovery and partly compensate for the growing market demands for nutraceuticals and dietary supplements.

Keywords:

- innovative extraction techniques
- bioactive compounds
- agro-food sector
- plant matrices
- byproduct valorization
- process optimization
- extraction kinetics
- industrial application
- green chemistry





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Message from the Editor-in-Chief

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