



High-Performance Green Extraction of Natural Products

Guest Editor:

Dr. Dimitris P. Makris

Green Processes & Biorefinery
Group, School of Agricultural
Sciences, University of Thessaly,
43100 Karditsa, Greece

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Message from the Guest Editor

There is to-date a large number of studies pertaining to the exploitation of plant resources (herbs, botanicals, processing by-products) for the production of extracts enriched in bioactive substances. The interest has been focused on the development of efficient and cost-effective downstream processes, which aim at producing commodities on the basis of either crude or purified extracts.

This Special Issue addresses the concept of innovative and emerging strategies that aim at effectively implementing green technologies for the extraction of bioactive compounds from plant resources. Contributions pertaining to novel solvents, investigation of their properties, sustainable production of isolated bioactive compounds or whole extracts, and their utilization in the food, cosmetic or pharmaceutical industries are particularly welcome.

Keywords:

- green extraction
- natural products
- phytochemicals
- sustainable production





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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MDPI, St. Alban-Anlage 66
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