

Special Issue

Research on Extraction and Application of Natural Extracts

Message from the Guest Editor

In recent years, researchers have increasingly directed their attention towards natural products, with the objective of exploiting natural antioxidants or other bioactive compounds for human welfare. A wide variety of extraction techniques, including “green” approaches, are typically optimized and employed in order to recover several such natural compounds. For this purpose, plant matrices, including food by-products from the agricultural industry, could be used to obtain high-quality extracts.

We are pleased to invite you to contribute your latest research to this Special Issue, which focuses on the synergy between sustainable food processing and the recovery of high-value bioactive compounds. Their bioactivity could also be examined in terms of safeguarding human health.

Research areas may include (but are not limited to) the following:

- Implementation of novel and green extraction techniques;
- Optimization of extraction procedures;
- Identification and quantification of natural bioactive compounds;
- Stability and bioactivity of natural extracts;
- Techno-economic analyses to promote industrial-scale extracts.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Impactful chemistry often arises from the marriage of disparate chemical themes and fundamental concepts to focus on an important application and can feature collaborations across the sciences, industry, and beyond. This open access journal, *AppliedChem*, has been created to provide a new home for chemistry research that affords wide-ranging and substantive solutions to current and future global challenges. The broad scope of the journal will enable the best collaborative and targeted chemistry to be exhibited and new applications to be revealed.

Editor-in-Chief

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