Special Issue

Recent Advances in the Development and Application of Green Extraction Techniques

Message from the Guest Editors

Considering an environmental protection perspective, green chemistry practitioners have been involved in the development of a plethora of convincing extraction techniques, which include but are not limited to microextraction techniques (sorptive- or solvent-based), microwave-assisted extraction, subcritical water extraction, supercritical fluid extraction, pressurized liquid extraction, ultrasonic assisted extraction, etc. Some of these techniques have become relatively mature (principally on the laboratory scale), being successfully applied to various fields, such as the environment, food industry, pharmacology, medicine, and forensic chemistry, among other strategic sectors, while others (for example, based on specifically designed green solvents or nanosorbents) are still emerging. Thus, the goal of this Special Issue is to publish and disseminate original research data, review articles, communications, and short notes that focus on novel (experimental or theoretical) challenges, advances, and outlooks concerning the development and/or applications of green extraction methodologies.

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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.

Editor-in-Chief

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