Special Issue

Green Chemistry for Natural Product Extraction: Cleaner and Efficient Approaches

Message from the Guest Editors

Green chemistry has emerged due to the importance of the use of processes that are environmentally friendly. For extracting natural products, greener and more sustainable alternatives to traditional methods have been explored over the last decade. The knowledge generated by this topic can help society change its habits and behaviors, showing us how certain products and attitudes pose more risks to nature than others. This knowledge also ties into Sustainable Development Goals 2; 11; and, more specifically, 12, which deal with sustainable production and consumption. In this sense, with the aim of providing a new and novel knowledge base via green chemistry for natural products, we would like to invite researchers to participate in this Special Issue. Therefore, this Special Issue will focus on approaches to improve and accelerate extraction efficiency and reduce solvent consumption, such as solvent-based techniques, deep euteric solvents (DES), ultrasound-assisted extraction and microwave-assisted extraction, as well as supercritical fluid extraction and pressurized solvent extraction. However, other related research is highly encouraged.

Guest Editors

Prof. Dr. Grasiele Scaramal Madrona

Dr. Adriano Costa de Camargo

Prof. Dr. Rúbia Carvalho Gomes Corrêa

Dr. Carlos Eduardo Eduardo Barão

Dr. Miria Hespanhol Miranda Reis

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Plants
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

mdpi.com/journal/plants

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

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