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Extraction Technologies, Isolation, Separation, and Application of Phytochemicals

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Deadline for manuscript submissions:

closed (10 December 2022)

Message from the Guest Editors

Phytochemistry is perhaps one of the oldest research fields in science, but despite much excellent chemical exploration, new insights into medicinal and other plants are still needed to better understand their intrinsic complexity and exploit their vast commercial potential. The chemical structure of many important phytochemicals has been elucidated in the last couple of decades along with their biosynthetic pathways and biological functions. However, we have only begun to uncover some of the many unexploited potentials of plants and their metabolites. Therefore, in the present Special Issue of Plants, we primarily encourage the publication of new and original research papers on extraction technologies, isolation, separation, and application of known and unknown phytochemicals. We especially welcome papers which are focused on less mainstream developments and interdisciplinary papers, bridging the gap between other relevant fields. We hope that this Special Issue will widen the publishing landscape topic-wise by encouraging researchers to use this forum for their niche or exotic findings.













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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 communitys on topics of interest to the plant research community.

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