

Special Issue

Advanced Research in Plant Analytical Chemistry

Message from the Guest Editors

Dear Colleagues, The continuous development of advanced analytical techniques has enabled researchers to unlock the intricate chemical profiles of plants, providing critical insights into their chemical composition, biological properties, and potential applications. This Special Issue “Advanced Research in Plant Analytical Chemistry”, invites contributions that explore the cutting-edge analytical methods in plant research, fostering innovation and advanced knowledge in this multidisciplinary field. Topics of interest include, but are not limited to, research employing novel electrochemical, chromatographic, spectroscopic, and mass spectrometric analytical approaches; integrative techniques like chemometrics, metabolomics, and in silico modeling for the identification and characterization of plant metabolites; the discovery of phytochemicals with health-promoting properties. This Special Issue aims for researchers to share their findings, innovative methodologies, and discuss the transformative role of plant analytical chemistry in driving progress across multiple scientific and industrial disciplines.

Guest Editors

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About the Journal

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.

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