

Special Issue

Uses & Efficient Valorisation of Plant Biomass in Biorefinery Context

Message from the Guest Editors

Plant biomass is a very important, valuable and abundant renewable resource that can be converted into several types of high-value-added products, including chemicals, biofuels and advanced materials. Currently, only a small part of the world's plant biomass is processed into value-added products. Despite significant progress toward the research of biobased products, today's biorefineries are far from achieving their intended goal of total biomass valorization and effective product development. In order to obtain this added value from plant biomass in the production of fuels and various valuable chemical compounds, it is necessary to find the best effective approaches to valorization plant biomass especially unused plant biomass and to obtain products with versatile properties for their application in various fields. This Special Issue aims is to increase knowledge about the possibilities of uses & valorisation of plant biomass with an emphasis on the obtaining, as much as possible, added value from plant biomass in biorefinery context.

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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, and 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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