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Chemical Study of Forest Bark and Potential Uses

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Message from the Guest Editors

Wood bark 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. Most of the bark is used for energy or is not used at all and is left in the forest as a worthless material. Wood bark research has been developing rapidly in recent years. In order to obtain this added value from the bark in the production of fuels and various valuable chemical compounds, it is necessary to find the best effective approaches to research wood bark, especially as unused plant biomass and to obtain products with versatile properties for their application in various fields. Investigation of wood bark as a raw material in different ways, including extraction to obtain extractives, makes it possible to maximize the added value of the total raw material. This Special Issue aims is to increase knowledge about the chemical study of forest bark and its potential uses with an emphasis to gain versatile knowledge about wood bark the accumulated knowledge will allow us to use it further to potentially evaluate it as a starting material for the production of various products.

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Message from the Editorial Board

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