

Special Issue

Lignocellulosic Materials

Message from the Guest Editors

Lignocellulosic materials are one of the most promising feedstocks, and have attracted the interest of numerous researchers due to their availability and renewable nature. In fact, cellulose, hemicellulose, lignin, suberin, and the low-molecular-weight components they contain can also be applied in a wide range of value-added products for different application sectors. The Special Issue of *Molecules* on Lignocellulosic Materials is focused on the most recent advances and research works that have been conducted in the past few years to examine the viability and feasibility of using these lignocellulosic materials. In particular, we welcome research works that cover the concepts and current challenges and strategies on biomass valorization and conversion to high-value polymeric materials, including chemical approaches or chemical modification to enhance material properties such as compatibility or as micro-nano reinforcements. We encourage you to contribute to this scientific program by submitting your papers for this Special Issue in *Molecules* entitled “Lignocellulosic Materials”.

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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