



## Synthesis and Application of Biomass-Based Materials

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### Message from the Guest Editor

Dear Colleagues,

Due to the potential applications in energy storage, catalysis, adsorption, and gas separation and storage, biomass-based materials are considered as ideal candidates for resolving many of the practical issues encountered. An important advantage of biomass-based materials is that they have abundant surface functional groups, which being highly modifiable act as a platform for the synthesis of various functionalized carbon materials. In addition, biomass-based materials are also rich in some minerals. These properties allow biomass-based materials to be applied as an adsorbent, catalyst, and catalyst support. More importantly, the easily tuned surface functionality and porosity make biomass-based material a promising platform for the synthesis of many other functional materials.

The aim of this Special Issue is to advance and disseminate knowledge in all the related areas of biomass conversion and utilization, especially the synthesis and application of biomass-based materials. Of course, the articles presented in this Special Issue cover all areas of biomass conversion and are not limited to the above areas.





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## Message from the Editor-in-Chief

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