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Biomass Research and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

In a changing and challenging world with dwindling fossil fuels, biomass research has gained more and more attraction. The biomass that is generally referred to as waste material derived from animals and plants that is not directly used for feed or food has been used for ages, primarily for the generation of heat and energy.

Industrial biotechnology involving biocatalysis and fermentation technology, in combination with modern molecular genetics tools, enzyme engineering, and metabolic engineering, enables the environmentally-friendly processing and production of chemicals, materials, and fuels from biomass.

In this Special Issue, we are inviting you to share your latest research exploring new avenues on biomass transformation and valorization.

Dr. Stephan Grosse

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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