Special Issue

Cellulose Conversion Technology

Message from the Guest Editor

The transition from the current economy, based on fossil fuels and products, to a new economy, based on the use of biomass, is challenging. Lignocellulosic biomass has been proposed as a very promising feedstock to be used in biorefineries as source for the production of biofuels, chemicals, and other biomass-derived products with high added-value products. Among the components of lignocellulosic biomass, cellulose is a very interesting starting point to produce a very broad kind of products of interest.

For these reasons, the study of "Cellulose Conversion Technology" is a hot topic in scientific research for a broad number of scientific disciplines that cover professionals working in areas of materials, chemistry, catalysis and engineering.

Keywords:
- Cellulose
- Sorbitol
- Gluconic acid
- □-valerolactone
- 5-hydroxymethylfurfural
- Nanocellulose

Guest Editor

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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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