Special Issue

Recent Advances on the Valorisation of Lignocellulosic Agro-Industrial Sources

Message from the Guest Editors

The current energy and environmental issues derived in part by the excessive use of the increasingly depleted fossil resources has encouraged the research on the field of alternative renewable sources environmently firendly. In this context, lignocellulosic by-products and residues appear as promising raw materials to obtaining energy and chemicals that are usually obtained from oil fractions. The aim of this Special Issue is to attract leading researchers in the area of valorization of lignocellulosic materials in an attempt to show the more recent and promising advances to develop more sustainable biorefinery processes. Accepted manuscripts will include the fractionation processes of lignocellulosic materials using both conventional and emerging technologies, the use of green solvents, purification sequences, and new and emerging applications of the obtained products. Moreover, contributions about the life cycle analysis and technoeconomic analysis of the biorefinery processes will be considered. The works focused on the use of lignocellulosic materials in a context of circular economy and sustainable development will be taken into account.

Guest Editors

Dr. Patricia Gullón

Dr. Beatriz Gullon

Dr. Florbela Carvalheiro

Deadline for manuscript submissions

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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