Special Issue

Chemicals and Materials from Lignocellulose: From Biomass to End Products

Message from the Guest Editors

This Special Issue will bring together researchers from different disciplines with the aim of providing and demonstrating the use of lignocellulose to supply a sustainable chemical industry. Contributions from the areas of chemistry, biology, biochemistry, chemical engineering, material science, policy, and the environmental sciences are welcome. We invite the submission of original research as well as reviews that address some aspect of the Special Issue's theme.

- Lignocellulose
- Platform molecules
- Green chemistry
- Sustainable processes
- Bio-based products
- Bio-based chemicals
- Renewable resources
- Biorefineries

Guest Editors

Prof. Dr. Florent Allais

Dr. Thomas J. Farmer

Dr. Roberto Rinaldi

Deadline for manuscript submissions

closed (31 March 2021)

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About the Journal

Message from the Editor-in-Chief

There are many issues facing society, such as energy/food/water security, plastic pollution, antibiotic resistance, global warming. To solve these (and other issues), scientists and engineers need to work together to tackle these imminent dangers. The field of Green (or Sustainable) Chemistry has been transformed in the last 30 years since Paul T. Anastas and John C. Warner pioneered the now famous “12 Principles of Green Chemistry”. The journal, Sustainable Chemistry (published by MDPI), aims to be one of the go-to journals in the area, publishing cutting-edge research in the area more broadly. The open access model allows our work to reach a broad base of readers from all corners of the world.

Editor-in-Chief

Prof. Dr. Matthew Jones
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