

Special Issue

Nanocellulose: Recent Advances and Green Applications

Message from the Guest Editor

Nanotechnology is a rapidly evolving technology; science, engineering and technology have merged to bring nanoscale materials that much closer to reality. Nanotechnology has demonstrated the potential to improve and diversify forest-based products for new cellulosic-based applications with different properties. Through nanotechnology, bulk cellulose have been used to generate cellulose at the nanoscale: so-called nanocelluloses, such as cellulose nanofibrils and cellulose nanocrystals. After appropriate conversion and extraction technologies as well as modification and characterization, nanocelluloses have their intriguing properties. There is a great opportunity for nanocellulose, but there are several challenges which need to be addressed. This Special Issue, “Nanocellulose: Recent Advances and Green Applications”, aims to meet the challenge associated with the synthesis, properties, modification, application and development of nanocellulose, and gather knowledge of original research and review articles in this field.

Guest Editor

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