Special Issue

Cellulose Nanofibers: Fabrication and Application

Message from the Guest Editors

The Special Issue, “Cellulose Nanofibers: Fabrication and Application”, will address advances in nanocellulose production using different methodologies, their optimization, and the development of cellulose nanofibers applications. Original papers are solicited on all types of cellulose nanofiber production methods and their optimization, including TEMPO-mediated oxidation, enzymatic hydrolysis, mechanical refining, acid hydrolysis, and carboxymethylation. Of particular interest are recent developments in applications of cellulose nanofibers including aerogels, nanopapers, and hydrogels. Articles and reviews dealing with potential applications in diverse sectors such as biomedicine, environmental science, paper and board production, electronics, and plastic composites, among others, are very welcome.

Guest Editors

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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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