

Special Issue

Nanocellulose Containing Biodegradable Products: From Synthesis to Applications

Message from the Guest Editor

Production of nanocellulose suspensions in the last decade was energy, chemical, and water demanding, but slowly, it is moving towards new production methods, which utilize ion beams and vapor. This Special Issue explores the production routes of nanocellulose, rheology and dewatering of this hydrogel, and mechanical properties of nanocellulose-based composites and their wide-ranging applications, highlighting high-performance material development, innovative fabrication techniques, and scaling laboratory successes to industrial applications.

Guest Editor

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Message from the Editor-in-Chief

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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