Special Issue

Nanocellulose: Recent Advances to Unlock Potential for Engineered Sustainable Materials

Message from the Guest Editors

Nanocellulose is opening new horizons as a source of renewable nanostructures thanks to its wide availability and sustainability in myriad applications. The main scope of this special issue is to compile the most recent research on cutting-edge developments and uses of nanocellulose. The contribution will particularly focus on current scientific and technological progress in the production, characterization, and applications, including lab-scale studies and new developments in pilot and full industrial-scale applications. The special issue will contribute to the accelerating R&D and industrialization of nanocellulose. Researchers from universities, public/private R&D institutes, and industry, are invited to send their contributions. Contributions to these areas are welcome:

- New and state-of-the-art methods for characterization
- Production methods
- Improving the performance of nanocellulosic materials
- Advances on the Use and Applications of nanocellulosic materials
- Emerging fields on nanocellulosic materials
- Other related topics

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2024)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/137835

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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