Special Issue

Cellulose Nanocrystals

Message from the Guest Editors

Cellulose is an old topic but has recently been the focus of increased interest because it can be decreased to nanosize and is an eco-friendly and non-toxic material. Until now, nanocellulose materials have not been mass-produced, which hinders their commercialization. However, many potential applications have been published and they are still attractive materials. This Special Issue will cover materials, characterizations, and applications concerning nanocellulose. Full papers, communications, and reviews are welcome. Potential topics include, but are not limited to the following:

- Cellulose nanofiber (CNF)
- Cellulose nanocrystal (CNC)
- Bacterial cellulose (BC)
- Applications related to nanocellulose

Guest Editors

Prof. Dr. Elena Vismara

Department of Chemistry, Materials and Chemical Engineering "Giulio Natta", Politecnico di Milano, Via Mancinelli 7, 20131 Milan, Italy

Dr. Nae-Man Park

Electronics and Telecommunications Research Institute (ETRI), Daejeon 34129, Korea

Deadline for manuscript submissions

closed (28 February 2022)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/51733

Nanomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nanomaterials@mdpi.com

mdpi.com/journal/nanomaterials

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/journal/nanomaterials

MDPI

About the Journal

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.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q1 (General Chemical Engineering)