Special Issue

Emerging Trends in Nanocelluloses

Message from the Guest Editors

Cellulose, the most abundant biopolymer in the world, benefitting from unique physicochemical and structural characteristics, has been able to play a key role in a wide range of advanced applications. This Special Issue focuses on the state-of-the-art aspects of nanocelluloses across the breadth of applied sustainable nanomaterials and nanocomposites with special attention to structure-property relationships, which has enabled the applications of nanocelluloses in environmental remediation, water technology, rheology modification, matrix reinforcement, cargo delivery and biomedical engineering, bioinks for 3D printing, catalysis, energy storage, flexible electronics, sensors and actuators, photonics, food industry, cosmetic and hygiene products, functional emulsions, smart packaging, and other emerging horizons. Authors are welcome to submit their original research and/or review articles.

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Deadline for manuscript submissions

closed (31 March 2019)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/17048

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As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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