



Advances in Biomass-Based Materials and Their Applications

Guest Editor:

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Deadline for manuscript
submissions:

20 June 2024

Message from the Guest Editor

Dear Colleagues,

As the world faces a turning point where oil-based products need to find effective replacements, new strategies, in line with the UN 2030 Agenda for Sustainable Development, must be pursued. Biomass-based materials, which are, at their essence, products originating from renewable organic material, can provide an important contribution towards this goal.

The Special Issue on “Advances in Biomass-Based Materials and Their Applications” in *Materials* intends to assemble manuscripts regarding safe-and-sustainable-by-design biomaterials, presenting innovative new methods, production routes, or breakthroughs regarding the characterization and applications of biomass-based materials such as—but not restricted to—additives, building blocks, biochemicals, biopolymers, catalysts, food packaging materials, sorbents, building materials, and high end-value bioproducts for medical, pharmaceutical, and cosmetics markets. We thus invite you to submit your research in this field in the form of original research papers, reviews, or short communications.





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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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