

Special Issue

Carbohydrates: Origin and Destination of New Materials

Message from the Guest Editor

In recent years, social, economic, and environmental considerations have aimed the spotlight of the scientific and governmental communities on the use of natural renewable resources. This fact is not only motivated by the gradual depletion of fossil resources, but also by our global effort to enhance our progress in a more sustainable way. In this scenario, the development of new materials and processes is key. Carbohydrates, a natural source of plenty of products, are becoming a valuable platform for this purpose. In this Special Issue, works related to carbohydrates as the origin and destination of new materials will be considered, including topics such as:

- New biomaterials based on vegetable carbohydrates (cellulose, hemicelluloses, starches, pectins, derivatives, etc.) for applications in biotechnology;
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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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