Special Issue

From Cellulose to Ceramics

Message from the Guest Editors

Cellulose is the most abundant organic compound on Earth. It can be found in plants and trees and represents a very interesting source of carbon. It is more and more used to generate new materials for countless applications. In parallel, as green chemistry is a key and essential strategy in synthesis today, using bioresources to obtain, among other things, technical ceramics is more and more studied. This Special Issue, “From Cellulose to Ceramics”, covers the synthesis, characterization, and applications of cellulose-based ceramic materials. Monoliths, composites, porous, fibrous materials, etc., associated with various shaping, are considered in a broad scope, mainly in the field of ceramics. Lignocellulosic-based materials are also part of this Special Issue, as they represent a highly rich renewable resource for the synthesis of ceramics.

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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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