Special Issue

Polymer Biocomposites: From Design to Application

Message from the Guest Editor

Over the past few decades, polymers have replaced many conventional materials in various applications, which is obviously due to the advantages of polymers over conventional materials. The most important advantages of using polymers are, ease of processing, high productivity and low cost, in combination with their versatility. In fact, polymers can be modified by the use of fillers and reinforcing fibres to suit the high strength/high modulus requirements. Due to the growing ecological awareness of the population and the features of these materials, such as the biodegradability of plastics or the significantly simplified recycling process, in recent years biocomposites have become an attractive subject of research by scientists. Among the biocomposites, we can distinguish materials in which the "bio" features have a polymer matrix or the "bio" component is the filler used. Obtaining a biocomposite with the desired properties depends on its potential application. It is my pleasure to invite you to submit a manuscript(s) for this Special Issue. Full papers, communications, and reviews are all welcome.

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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