Special Issue

Advanced Polymeric Biocomposites: Synthesis, Characterizations, and Applications

Message from the Guest Editor

Recently, there has been a growing interest in both academia and the industry for the development of new biocomposites and the discovery of new applications. This is due to the mechanical, physical, chemical or biological properties that biocomposites exhibit. Biocomposites can be partially or completely biodegradable, thus having a less negative environmental expect. Biocomposites are used in various fields, such as automotive, aerospace, construction, medicine and food, etc. Obtaining high-performance biocomposites requires selection of materials, improvement of the adhesion of the polymer, improvement of existing technologies, application of new sustainable technologies, etc. This leads to the improvement of the performance. As a growing area of study, sustained efforts are needed to conduct and publish research to support and strengthen the further development of this field. It is my pleasure to invite you to submit original research articles and review papers, covering the most recent advances in the preparation, applications, and characterization of advanced polymeric biocomposites.

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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