Special Issue

Environmentally-Friendly Biodegradable Polymer-Based Composites

Message from the Guest Editors

Ecological issues compel limited production of durable plastics and their replacement with low-impact materials. Offering a remedy to plastic pollution and waste disposal difficulties, biodegradable macromolecules and their composites are desirable candidates for a broad range of applications, from packaging to medical, agricultural, and many others. This Special Issue aims to highlight innovative evolutions of biodegradable materials. Topics include, but are not limited to: Advances in synthesis, preparation, and processing of sustainable biopolymers and biocomposites; Characterization, properties, and potentiality of novel biodegradable polymers and composites; Research on biodegradability under various conditions and environments.

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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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