Special Issue

Environmentally Friendly Polymers and Polymer Composites

Message from the Guest Editors

This Special Issue is intended to compile the most recent research works in any polymer or polymer composite with a marked environmental efficiency with the main aim of using them at industrial scale. We hope all the research works included in this Special Issue help scientist to transfer new materials for industrial purposes, as well as to give an overall view of the potential of these environmentally friendly materials.

Keywords

- Environmentally friendly
- Bio-based polymers
- Natural fiber reinforced polymers (NFRPs)
- Wood plastic composites (WPCs)
- Petroleum-derived biodegradable polyesters
- Polysaccharide-derived polymers and composites
- Protein-derived polymers and composites
- Bacterial polyesters and composites
- Biobased additives and fillers
- Characterization (mechanical, thermal, electrical, piezoelectric, physical, chemical, morphology, etc.)
- Manufacturing (injection moulding, extrusion, reactive extrusion, 3D printing, melt spinning, rotational moulding, electrospinning, thermoforming, hot-press moulding, etc.)
- Engineering parts, films, fibers, components

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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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