

## Special Issue

# Preparation, Properties and Applications of Biocomposites

### Message from the Guest Editors

The growing demand for sustainable and eco-friendly materials has driven significant advancements in the field of biocomposites, which combine natural fibers or biopolymers with synthetic or biodegradable polymer matrices. These materials offer remarkable potential in reducing environmental impact while maintaining or even enhancing mechanical, thermal, and functional properties. This Special Issue, "Preparation, Properties and Applications of Biocomposites", aims to highlight cutting-edge research on the design, processing, characterization, and practical applications of biocomposites. We invite contributions exploring novel fabrication techniques, performance optimization, life-cycle assessment, and innovative uses in industries such as packaging, automotive, construction, biomedical engineering, and electronics. By bringing together interdisciplinary research, this Special Issue seeks to foster discussions on overcoming challenges such as interfacial adhesion and compatibility, moisture and fire resistance, antibacterial and anti-fungal properties, scalability, and cost-effectiveness.

### Guest Editors

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### Deadline for manuscript submissions

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## Materials

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### Message from the Editorial Board

*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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