Special Issue

Photofabrication of Biobased Polymers and Composites

Message from the Guest Editors

This Special Issue aims to bring together scientists working at universities, research institutes, and industries to discuss state-of-the-art research on the preparation and processing of polymers and polymer composites from biosources via photoinduced reactions. Photopolymerization and photoinduced processes are considered a green technology, owing to their low energy requirements, room temperature operation with high reaction rates, and lack of need for solvents. Highly sustainable polymer-based materials can thus be produced by applying photoinduced reactions to biobased monomers and precursors. This timely Special Issue will survey recent progress in the development of biobased materials via photoinduced processes. The papers of this Special Issue will cover various topics, including the photopolymerization of biobased monomers, the photocrosslinking of biobased polymers, and the acquisition of biobased composites by photoinduced reactions as well as their applications. We kindly invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are all welcome.

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Deadline for manuscript submissions

closed (30 November 2021)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/41074

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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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