

Special Issue

Natural Products and Bioactive Compounds in Functional Biomaterials

Message from the Guest Editors

This Special Issue on 'Natural Products and Bioactive Compounds in Functional Biomaterials' is a multidisciplinary platform for researchers in materials science, biotechnology, chemistry, medicine, and engineering. It welcomes original research, communications, and reviews on design, synthesis, characterization, and application of biomaterials incorporating natural bioactive compounds. Topics include plant extracts, essential oils, microbial metabolites, natural pigments, biopolymers, green nanoparticles, antimicrobial, antioxidant, anti-inflammatory, regenerative materials, drug delivery, tissue engineering, dental/orthopedic implants, bioinspired and sustainable materials, biocompatibility, and translational studies. The issue aims to highlight recent advances and future perspectives in healthcare, infection control, regeneration, and sustainability.

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About the Journal

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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