Special Issue

Bioinspired Materials: From Concepts to Applications

Message from the Guest Editors

Bioinspired materials refer to artificially synthesized materials developed by mimicking various characteristics or features of living organisms. Bioinspired materials with specific properties can be elaborately designed by studying the morphology, structure, function, and processes of organisms in nature. The concept of bionics is vast and interesting, from materials to components and to structures, providing endless inspiration for scientific development and engineering progress. This Special Issue, entitled "Bioinspired Materials: From Concepts to Applications", will focus on the latest advancements in bioinspired materials, components, and structures. The scope of this Special Issue is extensive, and it welcomes various research methods such as advanced design, manufacturing characterization, performance evaluation, and computational methods. Research on theoretical analysis, experimental testing, and numerical simulations is welcome.

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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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