

Special Issue

Learning from Nature: Biomimetic and Bio-Inspired Materials and Structures

Message from the Guest Editor

Learning from nature refers to the concept of studying materials and structures that occur in the natural world and adapting them for use in technology, medicine, architecture, the conservation of cultural heritage, city planning, linguistics, organization and management, and many other fields. This Special Issue aims to showcase the broad range of applications of the biomimetic approach. Studies of biological and other natural structures and materials are welcome, as well as case studies of their adaption and theoretical papers reflecting the concept of biomimetics. In this Special Issue, the term “biomimetics” is used in a wider sense, and papers covering topics such as “green chemistry”, biopolymers, bionics, etc., will also be considered for publication.

Guest Editor

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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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