

Special Issue

Biomimetic Composites and Design

Message from the Guest Editor

The Special Issue, "Biomimetic Composites and Design", will elucidate the latest advances in composite materials and design as inspired by biological materials, systems and connections. Original research papers, short communications presenting emerging techniques and review articles are solicited for this Special Issue, with particular focus in the following areas: Mechanical behaviour and properties (stress/strain/time relationships) of engineered biomimetic composites/joints, or natural biological materials/composites; Characterisation (material/chemical/physical) of biomimetic composites or biological materials in relation to mechanical behaviour; Fracture, failure and plasticity of biomimetic composites or biological materials; Geometrical design of biological materials or biomimetic materials/composites in relation to mechanical behaviour; The design of biomimetic engineered joints or natural biological joints in relation to mechanical behaviour; 3D printing/additive manufacturing of biomimetic geometries, biomimetic joints, or the geometrical design of biomimetic composites.....

Guest Editor

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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.

Editor-in-Chief

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