

Special Issue

Mechanical Performance of Advanced Composite Materials and Structures

Message from the Guest Editor

With the developments of experimental technology and analytical approaches, advanced composite materials and structures have been adequately studied from microscale to macroscale and widely used in various engineering fields, such as aerospace, civil, mechanical, naval architecture, etc. Mechanical performance is one of the most important attributes for composite materials and structures when we design structural and mechanical engineering components. There is no doubt that the application of advanced composite materials promotes industry development. Conversely, the development of industry also stimulates the demands of next-generation high-performance composite materials, such as nanocomposites and metamaterials.

Guest Editor

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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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