Special Issue

Advances in Mechanical Behavior of Laminated Materials

Message from the Guest Editors

Composite materials can combine selected aspects of different materials to obtain beneficial properties. The properties of laminated composites depend on their structural design, component metals, performance matching, composite technology, interface morphology and microstructure, etc. The advanced design theory, numerical simulation technology, and strengthening and toughening mechanism of laminated composites can effectively promote the performance improvement and application of laminated materials. Many studies have focused on the design of interface structures, gradient structures, homogeneous and heterogeneous metal composites, preparation processes, and mechanical properties of metal/non-metal, double, and multilayer multi-metal laminated composites.

Guest Editors

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Prof. Dr. Qudong Wang

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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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