Special Issue

Advanced Fiber Composite Materials: Preparation, Properties and Applications

Message from the Guest Editors

Advanced fiber composites is one of fastest growing fields in material science, perfectly aligning with emerging trends in aerospace engineering, artificial intelligence, carbon neutralization, sustainable development, wearable electronics, healthcare and medical products, and smart textiles. Although considerable progress has been made in this area, there are still major challenges in achieving greater multifunctionality, intelligence, comfort, safety, and sustainability. This Special Issue, titled “Advanced Fiber Composite Materials: Preparation, Properties and Applications”, seeks high-quality research articles and reviews focusing on the latest developments in fiber composite science and technologies for emerging applications.

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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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