Special Issue

Advanced Technologies in Fiber-Reinforced Polymers

Message from the Guest Editor

This Special Issue focuses on fiber-reinforced polymers (FRPs) which, in comparison with neat polymers, exhibit improved characteristics such as higher mechanical strength, fracture toughness, wear, creep, thermal stability and low weight, to name a few. In addition, Fiber Reinforced Polymers are known as multipurpose materials extensively used in advanced applications due to their excellent properties, as follows: ability to reflected in long-term cost saving, low production time, high durability, and relatively easy processability. The usage of a relatively wide combination of polymer matrices and incorporated fibers (glass, carbon, aramid, etc.) creates a possibility for tailor-made products fulfilling specific requirements. This opens new possibilities for the application of FRPs in various branches of industry and simultaneously stimulates corresponding basic research.The Special Issue aims to collect the most recent advances in the multifaceted world of fiber-reinforced composites. It is my pleasure to invite you to submit a manuscript to this Special Issue. The original contributions and reviews based on both purely basic research and practical applicability are welcome

Guest Editor

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Deadline for manuscript submissions

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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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