Special Issue

Advanced Polymer Composites: Auxiliaries and Additives

Message from the Guest Editor

In recent years, polymer composites based on thermoplastics, resins or elastomers have been one of the most popular and one of the fastest-developing engineering materials in the world. Scientists and engineers have become increasingly interested in advanced polymer composites which, due to the appropriate selection of a polymer matrix and/or the use of special additives, are characterized by exceptional properties. This Special Issue concerns all aspects related to recent progress in the preparation of advanced polymer and elastomer composites, their characterization with regard to cure characteristics, mechanical properties, thermal behavior, conductivity, barrier properties, and resistance to aging, as well as broadly understood technological applications of polymer and elastomer composites.

Guest Editor

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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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