Special Issue

Functionalization, Characterization, and Applications of Polymeric and Hybrid Materials

Message from the Guest Editors

Polymeric and hybrid materials are important and versatile materials that can be tailored to overcome the current challenges in materials science. The development of novel advanced materials that are able to fulfill the needs in diverse application areas with the consequent societal benefits is reaching more specific applications. However, as physical, chemical, and structural properties of hybrid and polymeric materials are dependent on the starting materials and on the functionalization methods in use, its characterization assumes particular relevance. The present Special Issue aims to discuss all aspects regarding innovation, functionalization, and characterization of polymeric and hybrid materials in its different forms (membranes, fibers, hydrogels, etc.). We welcome full articles, short communications, or review articles in topics related to polymeric and hybrid materials applications in the health, conservation and restoration, environment, and industrial fields.

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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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