Special Issue

Smart Textile Materials: Design, Characterization and Application

Message from the Guest Editors

Smart textile materials are currently among the most rapidly developing research topics within materials engineering. They have various applications in many areas of life, including protecting people in conditions that threaten life and health, as well as monitoring our environment, in the automotive industry and construction, which leads to the development of new techniques for producing such solutions. Increasingly extensive research is being conducted to understand the structure and properties of electrically conductive structures integrated with materials such as textiles, wood, plastic, etc. This Special Issue entitled “Smart Textile Materials: Design, Characterization and Application” is devoted to all aspects of the science and technology of electroponditrium polymers, including, among others, those integrated in textile or glass structures for applications in fibrinity, car industries, furniture, intelligent materials, environmentally friendly materials, reliable new approaches to testing, methodology, processing and production techniques, printing, aging, and recycling.

Guest Editors

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Message from the Editorial Board

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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