

Special Issue

Frontiers in Advanced Smart Textiles

Message from the Guest Editors

This Special Issue of *Materials* is dedicated to recently developed advanced smart textiles that are able to sense electrical, thermal, chemical, or magnetic stimuli, or stimuli of another environmental source, react to and adapt to them by an integration of functionalities. Such smart textiles have applications in almost every area of human activity, including in medicine, automotive and aeronautical industries, personal protection, sport, fashion, the environment, building and living, or energy. This Special Issue focuses on recent progress in smart textiles, including, but not limited to, advanced and innovative fibers, yarns, fabrics, knitwear and nonwovens, textile composites, their structures, properties and performance, textile technologies, and processes.

It is our pleasure to invite researchers to support *Materials* (IF 3.623) in this initiative, by submitting new and ground-breaking original research papers. Review articles and short communications are also warmly welcomed.

Guest Editors

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About the Journal

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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