Special Issue

Nanotechnologies in Textiles: Second Volume

Message from the Guest Editor

The contemporary technologies used for textiles are struggling to meet societal demands and challenges. This inevitably requires the development of new materials along with the associated deposition and/or processing methods. To bridge this gap, nanomaterials and heterogeneous composite materials with embedded nanoparticles and 2D materials are stepping in and providing the required functionalities and properties that have so far been elusive using other means. Such technologies pave the way for the use of nanotextiles in a manifold of areas, including biomedical applications. Nanotextiles are already in use at an industrial level, the utilization of nanomaterials also raises the issue of risk factors. This Special Issue aims to stimulate researchers worldwide to share their most interesting and promising works in the field of nanotextiles and their emerging new applications. Original research articles, review articles, and significant preliminary communications are invited, with particular interest in articles describing current research trends and future perspectives in nanotextiles.

Guest Editor

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Deadline for manuscript submissions

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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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