

## Special Issue

# Processing and Applications of Textile Materials

### Message from the Guest Editor

At present, it is difficult to find a new field of application where textiles are not present. From medical patches or the support for drug delivery in surgical interventions to the basic structure made of carbon fibers in different composite materials used in the Aeronautics industry, textiles are part of various new structures developed. The main aim of this Special Issue is to make a recompilation of the new types of processes and applications in which textile substrates are included. The contents of this Issue will show how textile substrates can be treated as a horizontal topic in which several difficult and complex effects should be taken into account.

- Functionalization of fibers;
- Microcapsules applied to textile substrates;
- New molecules incorporated to textiles for different uses;
- Supercritical application to textiles;
- New desizing processes;
- Composite textile-based materials;
- Biotechnology applied to textile processes;
- Reuse of textile substrates.

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### Guest Editor

Dr. Manuel José Lis  
INTEXTER-UPC, Terrassa, Spain

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### Deadline for manuscript submissions

closed (30 September 2020)



## Materials

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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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### Editor-in-Chief

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