Special Issue

Advanced Manufacturing of Functional Fibers and Textiles

Message from the Guest Editors

This Special Issue focuses on cutting-edge studies related to functional fibers and textiles. Reviews and original research articles are welcome. The Special Issue has a broad scope that includes, but is not limited to:

- Advanced manufacturing of fiber structures: 3D printing, thermal drawing, extrusion, electrospinning, wet spinning, etc.;
- Smart textile techniques: weaving, kitting, embroidery, etc.;
- Fibers with distinguished properties: mechanical (e.g., soft, stretchable), electrical (e.g., electrically conductive), optical (e.g., waveguide, light emitting), etc.;
- Biocompatible and biodegradable fibers for drug delivery, probes, scaffold, tissue engineering;
- Fiber-based wearable devices, ranging from single nano-, or micro-fibers to multiple fiber-level components, from yarns to fabrics;
- Devices applications: sensing, actuation, energy harvesting and storage, etc.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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