



an Open Access Journal by MDPI

## Novel Smart Textiles

Guest Editor:

**Prof. Dr. George K. Stylios**

Research Institute for Flexible  
Materials, School of Textiles and  
Design, Heriot-Watt University,  
Edinburgh EH14 4AS, UK

Deadline for manuscript  
submissions:

**closed (30 September 2019)**

### Message from the Guest Editor

Dear Colleagues,

This is a highly focused special journal issue dedicated to novel SMART textiles which aims to promote this life-changing discipline by providing a platform for dissemination, networking, discussion, and debate. The sensing/adapting/responding, multi-functionality, low energy, small size and weight, ease of forming, and low-cost attributes of SMART Textiles and their multidisciplinary scope offer numerous end uses in medical, sports and fitness, military, fashion, automotive, aerospace, built environment, and energy industries. The quest for these new and high-value materials crosses scientific boundaries, redefines material science, design, and engineering, and finds new uses. As such, SMART textiles are particularly important to quality of life and in sustaining energy and our environment.

I invite the community to support Materials (IF 2.654) in this timely initiative by submitting new and ground-breaking papers that will constitute the roadmap of our future research.

Prof. Dr. George K. Stylios

*Guest Editor*



[mdpi.com/si/11980](https://mdpi.com/si/11980)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

**Journal Rank:** JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

## Contact Us

*Materials* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/materials](http://mdpi.com/journal/materials)  
[materials@mdpi.com](mailto:materials@mdpi.com)  
[X@Materials\\_Mdpi](https://twitter.com/Materials_Mdpi)