



materials



an Open Access Journal by MDPI

Advances in High-Performance Functional Nonwovens

Guest Editor:

Dr. Jay Hoon Park

Department of Plastics
Engineering, University of
Massachusetts Lowell, Lowell, MA
01854, USA

Deadline for manuscript
submissions:

closed (20 September 2023)

Message from the Guest Editor

Nonwovens have long played an integral role in household textile and wearable applications, though their use has spread wider than that of others, such as filtration, biomedical scaffold, energy material, and sensors. Nonwovens hold unique advantages over other conventional textiles in that materials can directly be applied for the desired application with minimal postprocessing. This rapidly grown field had seen even stronger growth in interest due to recent global events. For instance, the COVID-19 pandemic had necessitated innovation in the material and processes of nonwovens, ranging from melt-blowing to electro/centrifugal spinning.

Please view more details, including submission entrance (“Submit to Special Issue” option on the left side of the website), via the Special Issue website at:

https://www.mdpi.com/journal/materials/special_issues/functional_nanwovens

Dr. Jay Hoon Park
Guest Editor



[mdpi.com/si/105634](https://www.mdpi.com/si/105634)

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

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)