



*materials*



an Open Access Journal by MDPI

## Soft Material-Enabled Electronics for Medicine, Healthcare, and Human-Machine Interfaces

Guest Editors:

**Dr. Woon-Hong Yeo**

Georgia Institute of Technology,  
791 Atlantic Drive, Atlanta, GA  
30332, USA

**Prof. Dr. Jae-Woong Jeong**

School of Electrical Engineering,  
Korea Advanced Institute of  
Science and Technology (KAIST),  
Daejeon, Korea

Deadline for manuscript  
submissions:

**closed (31 October 2019)**

### Message from the Guest Editors

Soft, functional materials enable comfortable, low-profile electronic systems, including sensors, stimulators, and actuators, for applications in medicine, healthcare, and human-machine interfaces. This Special Issue focuses on the use of soft, hybrid, functional materials to design and develop unobtrusive, multifunctional wearable and implantable electronics for biomedical applications. We invite full papers, communications, and reviews that cover one or several of the listed keywords below.

### Keywords

- soft material
- wearable electronics
- implantable electronics
- biosensing
- diagnostics
- health monitoring
- human-machine interface



[mdpi.com/si/10764](https://mdpi.com/si/10764)

**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)