



materials



an Open Access Journal by MDPI

Functional Materials Based Human-Machine Interactivities

Guest Editors:

Prof. Dr. Shuo Gao

School of Instrumentation and Optoelectronic Engineering, Beihang University, Beijing, 100191, China

Prof. Dr. Hanbin Ma

Suzhou Institute of Biomedical Engineering and Technology, Chinese Academy of Science, Suzhou 215163, China

Dr. Dai Jiang

Department of Electronic & Electrical Engineering, University College London, London WC1E 6BT, UK

Deadline for manuscript submissions:

closed (10 October 2022)

Message from the Guest Editors

With the fast development of material science and engineering, the field of human-machine interactivity (HMI) is experiencing a great change. Conventional mouse and keyboard based HMIs are being replaced by functional materials based flexible touch interfaces and wearable devices. HMIs once only depicted in science fictions are becoming a reality. Diverse novel human-machine interactive systems that based on functional materials such as piezoelectric, piezoresistive and pyroelectric, are continuously reported by researchers all around the world. Academia and industry are paying boosting attentions to this hot area, generating fruitful new and advanced prototypes and products for customers.

Please see more details in the following link:

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

Prof. Dr. Shuo Gao
Prof. Dr. Hanbin Ma
Dr. Dai Jiang
Guest Editors



[mdpi.com/si/87683](https://www.mdpi.com/si/87683)

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)