



an Open Access Journal by MDPI

## Functional Amorphous Materials

Guest Editor:

**Prof. Dr. Maria Cristina  
Mascolo**

Department of Civil and  
Mechanical Engineering,  
University of Cassino and  
Southern Latium, G. Di Biasio 43  
Street, 03043 Cassino (FR), Italy

Deadline for manuscript  
submissions:

**closed (30 November 2021)**

### Message from the Guest Editor

The development of amorphous materials with high performances has led to increasing research activity, both theoretical and experimental. The main categories of these materials include metals, thin films, organic and inorganic nonmetallic disordered structures. Their peculiar characteristics, in terms of electric, magnetic, optical and mechanical isotropy, allow their utilization in numerous and advanced applications. Each method of preparation determines materials with different properties. In fact, there are no techniques able to measure, at a long range, the intricate details of the structures of amorphous materials. Moreover, theoretical studies furnish sizes of models that are too small to expect bulk properties. A less or more stability of amorphous materials can be determined by their tendency to crystallization adopting different methods such as thermal or hydrothermal treatments, implantation of ions, interaction with radiant energy and so on. To this end, it is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.





an Open Access Journal by MDPI

## Editors-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

### Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

## Message from the Editorial Board

*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 - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (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)