

Special Issue

Advanced Functional Glass: Preparation, Properties, and Applications

Message from the Guest Editor

Glass has played a pivotal role for humans for centuries, enriching the quality of life of millions. Indeed, as one of the most important, versatile, and transformative materials in history, glass is an important component in many areas, including in aerospace and the automotive sector, architecture, the arts, information and communications technology, energy, health care, laboratory work, optics, and packaging and storage. To celebrate the International Year of Glass 2022, this Special Issue will compile recent developments in the field of advanced functional glass. The articles presented in this Special Issue will cover various topics, ranging from but not limited to display panels and ultra-thin sensor glass, optical fibers, luminescent glass, photovoltaic glass, medical glass, and infrared glass. This Special Issue is open to submissions on glass science and technology for the development of applications. I invite you to contribute to this Special Issue by submitting papers on your research activities.

Guest Editor

Dr. Yinsheng Xu

State Key Laboratory of Silicate Materials for Architectures, Wuhan University of Technology, Wuhan, China

Deadline for manuscript submissions

closed (10 March 2023)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/93874

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)





Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



[mdpi.com/journal/
materials](https://mdpi.com/journal/materials)



About the Journal

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.

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

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)