



materials



an Open Access Journal by MDPI

Glass-Ceramics: Materials, Synthesis and Applications

Guest Editor:

Dr. Acacio Rincon Romero

Faculty of Engineering, University
of Nottingham, University Park,
Nottingham NG7 2RD, UK

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

Glass-ceramic materials play a substantial role in the progress of science and technology due to their broad range of applications in diverse fields. Different processing routes such as conventional melt-quench methods, the petrurgic method or sinter-crystallisation procedures combined with numerous conformation techniques can lead to the production of glass-ceramics in the form of particulates, dense materials, porous bodies, films, coatings or composite structures, which can help address a number of technological challenges.

This Special Issue is aims to publish research works which show recent advances in glass-ceramic materials from a wide approach, involving manufacturing methods, forming processes or applications, paying special attention to the relationship between processing, microstructure and properties.

It is my pleasure to invite you to submit a manuscript for this Special Issue of the MDPI journal *Materials*.



mdpi.com/si/70038

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 - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
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)