Special Issue

Materials for LTCC Technology

Message from the Guest Editor

The Special Issue “Materials for LTCC Technology” will be devoted to new and upgraded functional and auxiliary materials destined for fabrication of multilayer structures, devices and systems using low temperature cofired ceramics (LTCC) technology. Advances in the compositions, preparation methods, processing, characterization methods and electric, thermal, mechanical and magnetic properties of ceramic and glass-ceramic functional materials will be the main subject of the Special Issue. Research and review articles concerning low/ultralow temperature cofired ceramics (LTCC/ULTCC) with low/middle/high dielectric permittivity, low dielectric loss, improved electrical, thermal and mechanical properties, are of particular interest. Papers dealing with new sintering aids, new environment friendly organic systems for tape casting, compatibility of various metallic materials and cosintering ability of heterogeneous green tapes also will be welcome.

Guest Editor

Dr. Dorota Szwagierczak

Research Network Łukasiewicz, Institute of Microelectronics and Photonics, Kraków Division, Kraków, Poland

Deadline for manuscript submissions

closed (10 April 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/69880

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

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

About the Journal

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.

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

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)

MDPI