



materials



an Open Access Journal by MDPI

Composite Materials for Nearly Zero Emission Applications

Guest Editors:

Prof. Dr. Robert Böhm

Faculty of Engineering, Leipzig
University of Applied Sciences,
Karl-Liebknecht-Straße 134,
04277 Leipzig, Germany

Prof. Dr. Hubert Jäger

Institute of Lightweight
Engineering and Polymer
Technology, Technische
Universität Dresden, D-01307
Dresden, Germany

Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editors

This Special Issue “Composite Materials for Nearly Zero Emission Applications” will thus focus on fundamental and applied scientific approaches that tackle the aforementioned issues. Special emphasis will be given to articles that focus on the aspect of greenhouse gas and/or energy reduction for composite applications. Research would ideally address one or more of the following topics:

- Composites for Nearly Zero Energy Buildings (nZEBs);
- Disruptive composite technologies for energy-efficient mobility solutions;
- Energy-efficient composite manufacturing technologies;
- Multifunctional composite approaches with a focus on energy applications;
- Recycling and life-cycle assessment;
- Bio-based composites;
- Circular economy approaches for composite parts.



mdpi.com/si/63528

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)