



an Open Access Journal by MDPI

Construction Materials and Other Related Materials: Basic Theory, Applied Technology and Advanced Research Methods (2nd Edition)

Guest Editors:

Message from the Guest Editors

Prof. Dr. Youliang Chen

Prof. Dr. Rafig Azzam

Prof. Dr. Tomas Manuel

Fernandez-Steeger

Prof. Dr. Bin Peng

Deadline for manuscript

20 December 2024

submissions.

Dear Colleagues,

The development of science and technology has led to the crossover and diversification of disciplines, which in turn have promoted the fabrication of new technologies and techniques to produce construction materials. The research on construction materials primarily focuses on high-tech development based on the theoretical and applied principles of mechanics and related disciplines, allowing us to better solve engineering problems and refine novel ideas, principles, and methods with multidisciplinary characteristics. The study of the mechanical properties of construction materials has been cross-developed with modern engineering science and technology. which forms the basis of aviation and aerospace, machinery, automation technology, materials and processing, and biomedical materials science, with reflecting broad complexity and diversity, its interdisciplinary development nature as well as its fundamental role in solving major engineering and technology problems.

We cordially invite you to submit your manuscripts to this Special Issue.



Specialsue





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
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 iournal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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 - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

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