



an Open Access Journal by MDPI

## Construction Materials

Guest Editor:

**Prof. En-Hua Yang**

School of Civil and  
Environmental Engineering,  
Nanyang Technological  
University, 50 Nanyang Avenue,  
Singapore 639798, Singapore

Deadline for manuscript  
submissions:

**closed (28 February 2014)**

### Message from the Guest Editor

Dear Colleagues,

Construction materials are the most used materials in human history. They represent an enormous investment of raw materials, energy, and capital, and result in significant environmental burdens and social costs. Innovative technologies have been developed continuously to improve the chemical, physical, and mechanical properties, durability, and sustainability of construction materials. Recently, smart construction materials with special functionalities such as self-sensing and self-healing have drawn great attention and interest to the community. This special issue of Materials invites original research articles and comprehensive reviews on advances in construction materials which include, but are not limited to: cement, concrete, cement-based composites, additives, bricks, steel, timber, glass, and polymers.

Dr. En-Hua Yang

*Guest Editor*



[mdpi.com/si/2831](http://mdpi.com/si/2831)



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 - 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](http://www.mdpi.com)

[mdpi.com/journal/materials](http://mdpi.com/journal/materials)  
[materials@mdpi.com](mailto:materials@mdpi.com)  
[X@Materials\\_Mdpi](https://twitter.com/Materials_Mdpi)