



## Advances in Thin-Walled Structures and Composite Structures

Guest Editor:

### Dr. Yu Gong

College of Aerospace  
Engineering, Chongqing Key  
Laboratory of Heterogeneous  
Material Mechanics, Chongqing  
University, Chongqing 400044,  
China

Deadline for manuscript  
submissions:

**closed (20 December 2023)**

### Message from the Guest Editor

Due to improved load-bearing capacity, the provision of optimized structural solutions and the effective creation of synergies between structural materials, thin-walled structures, and composite structures have recently attracted widespread attention from researchers in many areas ranging from aerospace, automotive, bridges, ships, wind power, industrial buildings, and sports. The science and technology of thin-walled structures and composite structures have undergone intense development over the last several decades; nevertheless, these topics are still in a phase of progression.

This Special Issue on “Advances in Thin-walled Structures and Composite Structures” primarily aims to collect ideas, analyses, proposals, and opinions from several scholars from different areas that could outline possible future achievements and challenging improvements in this field. Original contributions on the design, research and development studies, experimental investigations, theoretical analysis, computational methods, and fabrication techniques relevant to the application of thin-walled structures and composite structures are welcome.





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, St. Alban-Anlage 66  
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)