

## Special Issue

# Engineering Materials: Friction, Wear and Damage

### Message from the Guest Editors

Friction, wear, and damage are integral factors that have a profound impact on the performance, longevity, and safety of numerous engineering systems and applications. However, the intricate nature of their underlying mechanisms and interdependencies pose significant challenges for researchers. To overcome these challenges, advanced modeling techniques, rigorous experimental methods, and innovative material developments are imperative. This Special Issue is dedicated to the latest advancements in the field of "Engineering Materials: Friction, Wear and Damage." We invite submissions encompassing experimental, analytical, or numerical studies, particularly those focused on, but not limited to, the following topics: tribology, lubrication, materials science and engineering, surface engineering, contact mechanics, biomaterials and tribology, fatigue and structural failure, and damage analysis. Through these contributions, we aim to deepen our understanding of these critical phenomena and explore new approaches to mitigate their adverse effects.

---

### Guest Editors

Prof. Dr. Pihua Wen

School of Infrastructure Engineering, Nanchang University, Nanchang 330047, China

Prof. Dr. Yan Li

School of Mechanics and Aerospace Engineering, Southwest Jiaotong University, Chengdu 610032, China

---

### Deadline for manuscript submissions

20 February 2026



## Materials

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/207670](https://mdpi.com/si/207670)

*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

[mdpi.com/journal/  
materials](https://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](https://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)