

## Special Issue

# Science and Technology of Advanced Materials Applied to Society: Including Collections from the Latest Papers of KRIS 2023

### Message from the Guest Editor

Humanity faces numerous challenges that have never been faced before. People from all fields around the world have discussed and established specific goals to be achieved by 2030: the Sustainable Development Goals (SDGs). Materials scientists around the world are researching and developing the advanced materials needed to achieve the SDGs. The developed materials are implemented in society and contribute greatly to its sustainable development. In this Special Issue, we welcome the submission of papers on the science and technology of advanced materials that contribute to achieving the SDGs.

National Institute of Technology (KOSEN), Japan's largest higher education institution for science and technology, will host KRIS 2023: KOSEN Research International Symposium 2023 in March 2023. One of the major themes of this international conference is the SDGs. The advanced materials science papers to be discussed at this international conference will be published in this Special Issue. The of this Special Issue are looking forward to receiving submissions from colleagues around the world.

### Guest Editor

Prof. Dr. Sheikh A. Akbar

Department of Materials Science and Engineering, The Ohio State University, Columbus, OH 43210, USA

### Deadline for manuscript submissions

closed (31 December 2023)



## Materials

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/157006](https://mdpi.com/si/157006)

*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)