

Special Issue

Energy-Related and Environmental Materials

Message from the Guest Editor

Emissions from fossil energy and the corresponding environmental pollution crisis have attracted the public's attention. It is urgent to develop low-carbon clean energy technologies and improve the ability of environmental pollution supervision and control. This Special Issue aims to provide a platform to discuss the latest progress of functional materials in fields related to low-carbon clean energy, environmental monitoring, and pollutant abatement. The scope of this Special Issue includes, but is not limited to: catalytic materials, membrane materials, and structural materials in energy converter devices; sensing materials in environmental monitoring; adsorption materials and the recovery of toxic materials in environmental treatment; and engineering research of energy-related or environmentally friendly materials.

Guest Editor

Dr. Zehui Li

School of Physics, Peking University, Beijing 100871, China

Deadline for manuscript submissions

closed (20 March 2023)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2

CiteScore 6.4

Indexed in PubMed



mdpi.com/si/104121

Materials

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

materials@mdpi.com

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

[materials](http://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](http://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)