



The 15th Anniversary of *Materials*—Recent Advances in Energy Materials

Guest Editor:

Prof. Dr. Federico Bella

Department of Applied Science
and Technology, Politecnico di
Torino, Corso Duca degli Abruzzi
24, 10129 Torino, Italy

Deadline for manuscript
submissions:

10 August 2024

Message from the Guest Editor

We would like to celebrate the 15th anniversary of the journal *Materials* with a Special Issue on the recent advances in energy materials. Right now, we are experiencing an important ecological and energy transition, in order to reduce the impact of anthropogenic action on our planet. In this scenario, the study and development of new materials for energy represents an essential milestone for achieving the set objectives. Trying to use non-critical raw materials, exploiting waste products, developing recycling strategies and functionalizing materials in order to guarantee a longer life are just some of the objectives of the scientific community. This is followed by their testing and validation in energy devices, among which solar cells, batteries, supercapacitors, fuel cells and integrated systems stand out.

In this broad panorama, this Special Issue collects the most important achievements in the field of energy materials.





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 - Q2 (*Metallurgy & 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

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)