Special Issue

Emerging Materials, Structures, and Devices in Energy Conversion and Storage

Message from the Guest Editor

This Special Issue aims to provide a forum for researchers to present the latest advances and perspectives in the development of advanced energy conversion and storage technologies.

- supercapacitors
- batteries
- fuel cells
- thermoelectrics
- thermal energy storage
- solar fuels
- hydrogen generation and storage
- electrocatalysis and photocatalysis
- photothermal conversion
- carbon capture and storage

Guest Editor

Dr. Tianhu Wang

School of Energy, Power and Mechanical Engineering, North China Electric Power University, Beijing 102206, China

Deadline for manuscript submissions

closed (20 November 2023)



Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



mdpi.com/si/126379

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies





Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)

