

Special Issue

Materials Researches for Advanced Nuclear Energy

Message from the Guest Editor

This Special Issue aims to present and disseminate the most recent advances related to the theory, design, fabrication, modeling, simulation, application and properties measurement of all types of nuclear fuels, especially for advanced nuclear energy in recent years. Topics of interest for publication include, but are not limited to: All aspects of nuclear materials for advanced nuclear energy, such as nuclear fission materials, nuclear fusion materials, materials used in different kinds of nuclear reactors, experimental research and numerical simulations, design and fabrication, production and properties evaluation, and so on.

Guest Editor

Dr. Malin Liu

Institute of Nuclear and New Energy Technology, Tsinghua University,
Beijing 100084, China

Deadline for manuscript submissions

closed (8 May 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/128910

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

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





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



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



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)