Special Issue

Novelty in Hydrogen Storage Materials for Energy Application

Message from the Guest Editors

This Special Issue, entitled "Novelty in Hydrogen Energy Storage Materials", will concentrate on the most recent developments regarding porous and hydrides materials for hydrogen storage. This Special Issue will accept original research and reviews articles in subject areas, including the fabrication of novel porous materials and hydrides for hydrogen storage. We welcome submissions that include, but are not limited to, the following topics: porous materials (carbon, MOFs, CNTs, graphene, zeolite, etc.); hydrides (NaAlH4, MgH2, LiBH4, TiFeH2 and Mg(BH4)2) for hydrogen storage; hydrogen adsorption–desorption characteristics; kinetic studies; hydrogen production; and materials-based prototype. We look forward to receiving your contributions.

Guest Editors

Dr. Sohan Bir Singh

Prairie Research Institute, University of Illinois, 1116 South Oak Street, Champaign, IL 61820, USA

Dr. Peter Ngene

Materials Chemistry and Catalysis, Debye Institute for Nanomaterials Science, Utrecht University, 3584 CG Utrecht, The Netherland

Deadline for manuscript submissions

closed (10 June 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/174727

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

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)