Special Issue

Latest Advances in Redox Flow Batteries for Solar Energy Storage

Message from the Guest Editors

We invite original research articles, short communications, as well as review, comment, and prospective articles addressing issues related to RFBs and PEC redox flow batteries, with a special focus on their development or application, including but not limited to new redox species, lifetime, PEC electrodes, electrolytes, catalysts, membranes, modelling, characterization techniques, system optimization, and industrial implications.

- solar redox flow battery
- photoelectrochemistry
- PEC flow cell
- electrochemical energy storage
- PEC energy conversion
- photovoltaics
- redox flow battery

Prof. Dr. Dowon Bae

Guest Editors

Prof. Dr. Dowon Bae
School of Engineering and Physical Sciences, Heriot-Watt University, Edinburgh EH14 4AS, UK

Prof. Dr. Emil Dražević
Department of Biological and Chemical Engineering, Aarhus University, DK-8200 Aarhus, Denmark

Deadline for manuscript submissions

closed (18 June 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/50658

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)