

Special Issue

Electrochemical Energy Conversion and Storage Technologies 2018

Message from the Guest Editors

Energy storage technologies are highly desired for our modern lives. Electrochemical batteries are among of the most promising solutions due to their high flexibility, energy and power. The current state-of-the-art Li-ion batteries have been a great success in portable electronic devices, electronic vehicles and smart grids. However, the breakthroughs in low cost and high energy storage materials and new energy storage devices are still highly important to promote various applications for battery technologies. In addition, a deep understanding of the underlying reaction mechanisms using advanced in situ and ex situ characterizations are also of great importance for both fundamental and practical applications of energy storage technologies. This Special Issue calls for papers on topics related to electrochemical energy storage materials, chemistries, and electrocatalysis.

Guest Editors

Prof. Dr. Hee-Je Kim

Department of Electrical and Computer Engineering, Pusan National University, Busan 46241, Republic of Korea

Dr. Huilin Pan

Pacific Northwest National Laboratory, Richland, WA 99352, USA

Deadline for manuscript submissions

closed (30 September 2018)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/13916

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)