

Special Issue

Electrochemical Energy Storage: Recent Advances in the Development of Li/Na Ion Batteries

Message from the Guest Editors

The use of fossil fuels causes many threats to human life, out of which global warming is the most serious one. The use of renewable energy may solve the issues originating from use of fossil fuels; however, their dependency on weather and location creates a bottleneck in universal adoption of them due to a mismatch between demand and supply. Storage devices are quite useful to fulfil the gap between demand and supply and recent developments in the field of Li-ion batteries render them frontline contenders. Due to limited stocks of Li on earth, an alternative is required, which has brought Na-ion batteries into picture. This Special Issue focuses on the rigorously peer-reviewed research articles, reviews, minireviews and perspective on the recent advancements in the field of electrochemical energy storage, conversion reactions, reaction mechanism of electrode materials, lithium and sodium ion batteries, etc. The submissions are not limited to the listed topics but can be based on other related fields as well.

Guest Editors

Prof. Dr. Takayuki Ichikawa

Prof. Ankur Jain

Dr. Rini Singh

Deadline for manuscript submissions

closed (20 February 2023)



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

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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

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