

Special Issue

Understanding Li-Ion Batteries, Fuel Cells and Successive Technologies

Message from the Guest Editor

This Special Issue is focused on new insights from different perspectives into energy storage systems, which will open an avenue of significant improvements. Potential topics include but are not limited to:

- New insights in the functionality of a battery and fuel cell;
- Advanced or new structural or analytic methods applied to energy-related materials;
- In situ inspection of battery and fuel cell reactions;
- Atmospheric-free inspection possibilities;
- Machine learning and Artificial Intelligence applied to battery and fuel cell characterization;
- Studies on the cathode, anode, and separator;
- Studies of the surface electrolyte interface (SEI), cathode electrolyte interface (CEI), and electrolyte;
- Diagnostics on the loss of inventory Li;
- Detection of lithium.

Guest Editor

Dr. Ute Golla-Schindler

Materials Research Institute (IMFAA), Aalen University, 73430 Aalen, Germany

Deadline for manuscript submissions

closed (10 December 2021)



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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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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

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