



Lithium-Ion Batteries: Latest Advances and Prospects II

Guest Editor:

Dr. Mohammad (Mim) Rahimi

Department of Chemical
Engineering, Massachusetts
Institute of Technology,
Cambridge, MA 02139, USA
rahimi@mit.edu

Deadline for manuscript
submissions:

31 December 2021

Message from the Guest Editor

Lithium-ion batteries (LIBs), as a key part of the 2019 Nobel Prize in Chemistry, have become increasingly important in recent years, owing to their potential impact on building a more sustainable future. Compared with other developed batteries, LIBs offer high energy density, high discharge power, and long service life. These characteristics have facilitated a remarkable advance of LIBs in many frontiers, including electric vehicles, portable and flexible electronics, and stationary applications. Since the field of LIBs is advancing rapidly and attracting an increasing number of researchers, it is necessary to often provide the community with the latest updates. Therefore, this Special Issue was designed to focus on updating the electrochemical community with the latest advances and prospects on various aspects of LIBs. Researchers are invited to submit their original research as well as review/perspective articles for publication in this Special Issue...





batteries



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Andreas Jossen

Institute for Electrical Energy
Storage Technology (EES),
Technical University München
(TUM), Arcisstrasse 21, 80333
Munich, Germany

Message from the Editor-in-Chief

Take the opportunity to publish your original scientific work or a review paper concerning battery materials, battery technology or battery application within this new open access journal. Along with material science, the journal also addresses engineering and multidisciplinary research topics, such as cell and system design or storage system integration. Publishing proffers visibility for the benefit of other experts and facilitates discussion of the research results within the field. You are invited to publish your work, read published papers and to participate in topical discussions.

Author Benefits

Open Access:— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Inspec](#), [CAPus / SciFinder](#), and many [other databases](#).

Journal Rank: [CiteScore](#) - Q1 (*Energy Engineering and Power Technology*)

Contact Us

Batteries
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/batteries
batteries@mdpi.com