

Special Issue

Research on Aqueous Rechargeable Batteries—2nd Edition

Message from the Guest Editor

To better promote the development of aqueous batteries, we invite research articles, reviews, and perspectives from researchers all over the world. Topics include, but are not limited to: Aqueous batteries with various charge carriers (monovalent, multivalent, and anions); Novel working mechanisms or configurations of aqueous batteries; Electrode materials, electrolytes, separators, etc.; The differences between non-aqueous and aqueous batteries; Pitfalls in aqueous battery research; Challenges that hinder aqueous battery development.

Guest Editor

Dr. Xianyong Wu

Department of Chemistry, University of Puerto Rico, Rio Piedras Campus, San Juan, PR 00931, USA

Deadline for manuscript submissions

closed (15 April 2026)



Batteries

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 6.6



mdpi.com/si/228635

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

[mdpi.com/journal/
batteries](https://mdpi.com/journal/batteries)





Batteries

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 6.6



[mdpi.com/journal/
batteries](https://mdpi.com/journal/batteries)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Karim Zaghib

Department of Chemical and Materials Engineering, Concordia
University, Montréal, QC H3G 1M8, Canada

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), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Electrochemistry) / CiteScore - Q1 (Electrical and Electronic Engineering)