

Special Issue

Multifunctional Electrochemical Energy Storage: New Materials and Methods

Message from the Guest Editor

This Special Issue will include recent findings related to the synthesis, production, structure, characteristics, performance, and technological application of different electrochemical energy storage units, e.g., supercapacitors, hybrid supercapacitors, batteries, and multifunctional and structural batteries, in addition to strategies and policies related to energy storage materials and their devices for sustainable energy and development. Topics associated with the thermal management of batteries may also be addressed. This Special Issue will publish comprehensive research papers/articles/reviews that have good scientific and technological value, impart important new knowledge, and are of great interest to the international community.

Keywords are as follows:

structural energy storage;
multifunctional batteries and supercapacitors;
stretchable batteries and supercapacitors;
hybrid energy storage;
battery electrochemistry, etc.

Guest Editor

Dr. Ahmad Amiri
Department of Mechanical Engineering, University of Tulsa, Tulsa, OK,
USA

Deadline for manuscript submissions

closed (15 October 2024)



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

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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

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