



energies



an Open Access Journal by MDPI

Battery Management for Electric Vehicles

Guest Editors:

Prof. Dr. Daniel Auger

School of Aerospace, Transport and Manufacturing, Cranfield University, Bedfordshire MK43 0AL, UK

Dr. Jorge Barreras

Department of Mechanical Engineering, Imperial College London, London SW7 1AL, UK

Deadline for manuscript submissions:

closed (31 March 2022)

Message from the Guest Editors

Topics of particular interest include (but are not limited to):

- Algorithms for estimation of state of charge, health and function;
- Advanced methods from control and estimation theory;
- Advanced methods from computer science, including artificial intelligence and machine learning;
- Dynamic temperature measurement and control;
- Deployment of advanced sensing technologies;
- Applications of novel power electronics and switching strategies;
- Physics-driven and data-driven prognostics and diagnostics;
- Battery management for batteries within hybrid energy storage systems;
- Fault-tolerant architectures and fault management strategies;
- Benchmark data sources describing cell performance at extreme limits;
- Safety management and certification.



mdpi.com/si/49571

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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.

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

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)