

## Special Issue

# Next Generation Energy and Propulsion Systems for Transportation Electrification

### Message from the Guest Editors

Topics of interest of this Special Issue include but are not limited to the following:

- Advanced battery thermal/energy management system design and applications;
- Fuel cell, batteries, and electric machine modelling;
- Advanced control, fault diagnosis, and performance analysis of fuel cell, batteries, and electric machines;
- Power converters for energy and propulsion systems;
- Microgrids in electrified transportation systems;
- Management of interactions between electric vehicles and grids;
- Hardware in the loop of the energy and propulsion system for transportation;
- Fast charge for energy supply in electrified systems;
- Hybrid energy systems for e-mobility.

---

### Guest Editors

Dr. Jinhao Meng

Prof. Dr. Dongdong Zhao

Dr. Daniel Stroe

Dr. Ji Wu

Dr. Qian Xiao

Prof. Dr. Zeyu Chen

et al.

---

### Deadline for manuscript submissions

closed (15 November 2023)



# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/100960](https://mdpi.com/si/100960)

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

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3

---



[mdpi.com/journal/  
energies](http://mdpi.com/journal/energies)

## 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

---

### 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)

