Special Issue

Innovation in Motor Drive Systems for Electric Vehicles: 2nd Edition

Message from the Guest Editors

This Special Issue is aimed at collecting the latest theoretical and technological ideas for the better development of motor drive systems in electric vehicles. Optimization design methods, new analyzing and modeling methods, advanced control strategies, and novel converter topologies are strongly welcome. Topics of interest for publication include, but are not limited to:

- Topic A: optimization design methods of motors for electric vehicles;
- Topic B: new analyzing and modeling methods of motors for electric vehicles;
- Topic C: advanced control strategies of motor drive systems in electric vehicles;
- Topic D: novel converter topologies of motor drive systems in electric vehicles;
- Other related topics, such as literature reviews, fault diagnosis, position estimation, and industrial applications of motors for electric vehicles.

Guest Editors

Dr. Lefei Ge

Dr. Dianxun Xiao

Prof. Dr. Guoqiang Zhang

Deadline for manuscript submissions

5 December 2025

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/224904

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

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)