

Special Issue

Future Vision of Electric Vehicles and Transportation

Message from the Guest Editors

The rapid evolution of electric vehicles (EVs) and intelligent transportation systems (ITSs) is reshaping the landscape of modern mobility. As transportation shifts toward more sustainable and autonomous solutions, integrating EVs into both urban and highway environments has become a critical focus for researchers and practitioners alike. The unique benefits of EVs, from zero-emission driving to reduced energy consumption, align closely with global efforts toward greener, smarter cities; however, this transformation also presents a set of complex challenges. To fully harness the potential of EVs within ITSs, innovative solutions are needed to address issues related to road safety, vehicle coordination, predictive control, and infrastructure adaptation. This Special Issue, “Future Vision of Electric Vehicles and Transportation”, addresses the latest scientific and technological developments at the intersection of EVs and intelligent transportation. We invite contributions that explore novel methods and technologies for EV integration, aim to enhance transportation safety, and promote sustainable management solutions across diverse driving environments.

Guest Editors

Prof. Dr. Jianqing Wu

Prof. Dr. Mengmeng Zhang

Dr. Rui Yue

Dr. Jianzhu Wang

Deadline for manuscript submissions

closed (20 May 2025)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/222916

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](https://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)