



an Open Access Journal by MDPI

Impact Factor 2.4

CiteScore 4.1

Vehicles

The background of the lower half of the page is a semi-transparent orange overlay on a photograph of a car's suspension system. The image shows various mechanical parts like springs, shock absorbers, and control arms, rendered in a light, almost white color against the orange background.

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



Message from the Editor-in-Chief

In response to economic, political, and environmental pressures, the automotive vehicle community is expanding its research, development, and production of more energysaving, environmentally friendly, and safer ground vehicles through vehicle electrification, powertrain hybridization, high-efficiency drivetrain, autonomous or automated driving, vehicle connectivity, and infrastructure.

Vehicles is a new open access and peer-reviewed international journal that will facilitate rapid publication of scholarly articles on studies related to ground vehicles. Its mission is to publish cutting edge articles, conference proceedings, and to organize Special Issues which highlight outstanding research on specific topics regarding all landbased vehicles with regards to the design, modeling and simulation, manufacture, testing, and operation and modification of those vehicles and their engineering systems.

Editor-in-Chief

Prof. Dr. Mohammed Chadli

Aims

Vehicles is an international, peer-review, and open access journal of automotive engineering and technology. It provides an advanced forum for theoretical, computational and experimental research on motorcycles, cars, buses, trucks and all land-based vehicles with regards to the design, modeling and simulation, manufacture, testing, operation and modification of those vehicles and their engineering systems. Papers dealing with the vehicleenvironment and infrastructure relationship are also welcomed.

Scope

The main topics of the journal include but not limited to:

- Vehicle components and subsystems;
- Vehicle and driveline dynamics;
- Vehicle electrical systems;
- Internal combustion engines;
- Fuel and energy system;
- Simulation and modelling;
- Vehicle safety (automotive safety);
- Terra mechanics including the study of tyre and road;
- Vehicle materials;
- Intelligent and autonomous driving/control;
- Vehicle fault diagnostics/diagnosis;
- Transport electrification;
- Intelligent transportation systems;
- V2X communication;
- Interaction between vehicles and the environment;
- Driver assistance.

Author Benefits

Open Access

Unlimited and free access for readers

No Copyright Constraints

Retain copyright of your work and free use of your article

Thorough Peer-Review

Discounts on Article Processing Charges (APC)

If you belong to an institute that participates with the MDPI Institutional Open Access Program

Coverage by Leading Indexing Services

Scopus, ESCI (Web of Science), and other databases

Rapid Publication

A first decision is provided to authors approximately 24.7 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024)

MDPI is a member of

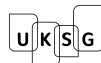
CASPA



STM¹



SPARC*
Europe



DOAJ



ORCID



Editorial Office

vehicles@mdpi.com

MDPI

Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

mdpi.com

July 2024

