Special Issue

Intelligent Energy Systems for Vehicles and Robots

Message from the Guest Editors

Vehicle and robot systems are often nonlinear and complex dynamics. These complex systems require processing and automation control for their operation. Intelligent energy systems in vehicles and robots can deliver important benefits such as reducing energy consumption; decreasing emissions; lowering running costs; reducing noise pollution; creating clean, efficient, and improved driving performance; and ease of use. The Special Issue aims to be a leading peer-reviewed platform that surveys the state-of-the-art and modern intelligent techniques and optimization algorithms that are deployed to achieve complex energy systems for vehicles and robots. The Special Issue covers research on energy analysis, energy modelling and prediction, integrated energy systems, energy planning, and energy management to improve the energy efficiency of vehicles and robots. In addition, papers are welcome on other related topics, such as renewable energy, electricity supply and demand, bioenergy, energy storage, and energy conservation, within the context of the broader automation control and energy efficiency of vehicle and robot systems.

Guest Editors

Prof. Dr. Reza N. Jazar

Department of Mechanical and Automotive Engieering, School of Engieering, RMIT University, Melbourne, Austrilia

Dr. Hamid Khayyam

Department of Mechanical and Automotive Engineering, School of Engineering, RMIT University, Melbourne, VIC 3083, Australia

Deadline for manuscript submissions

closed (15 November 2019)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/19637

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)