Special Issue

Motor Vehicles Energy Management

Message from the Guest Editors

Electrical and hybrid drive systems and complicated energy-management systems are continuously being created and tested. Energy management in cars with traditional engines is generally addressed by improving the motion of vehicles, including the behavior of drivers under various road conditions. In addition, analyses are being conducted to improve the energy processes undertaken by the elements of vehicles. Crash tests are commonly implemented to dynamically assess passive safety elements, including the effectiveness of energy scattering. An important research area concerns the creation of new safety systems, as well as improving those presently in use; such safety systems include assistant systems which support drivers by automating some functions. For these systems to work correctly, they must be properly powered by energy. Such research is important in our prevention of road accidents, which can reduce the number of victims as well as the related social and economic costs. We invite scientists, specialists, and industry representatives to submit their research on topics within this field.

Guest Editors

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Deadline for manuscript submissions

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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.

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