Special Issue

Advances in Hybrid Vehicles: Volume II

Message from the Guest Editor

Pollution from transport systems is a global problem that can no longer be overlooked. In fact, fuel consumption can be reduced by implementing the use of hybrid vehicles. Different hybrid configurations have been studied, corresponding to different architectures developed by researchers and research and development groups worldwide.

While intense research activities have been dedicated to this field, several issues require further research prior to achieving a full commercialization of hybrid vehicles. This Special Issue seeks to contribute to disseminating the most recent advancements in the field with respect to both modelling and experimental analysis. The focus is placed on research covering all aspects of hybrid vehicles, including packaging, components design and realization, energy management and strategy, energy storage, insertion into the transportation system, and final usage. This also includes the development of new electric devices (fuel cell, ultra-capacitors, DC motor/generator, etc.), and recharging systems and their management.

Guest Editor

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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.

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