Special Issue

Biofuels for Internal Combustion Engine

Message from the Guest Editors

Internal combustion engines are widely used in the transportation sector, including road transport, off-road transport, and marine transport and so on, due to their reliability, adaptability, and higher combustion efficiency. The use of a large number of internal combustion engines to generate power has led to the depletion of fossil fuels, an increase of global warming, and an increase in harmful emissions. To address concerns about the global energy crisis and warming, it is of great importance to discover alternative fuels that are required the internal combustion engines and minimize their emissions. Biofuels are considered a cleaner fuel for internal combustion engines due to their renewable properties and the reduction of fossil CO2 discharge. This Special Issue aims to publish a critical review and an in-depth technical research paper on internal combustion engines using biofuels, with a main emphasis on combustion and emissions.

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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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