Special Issue

Advances in Hydrocarbon Conversion for Hydrogen Production

Message from the Guest Editors

Hydrogen has been recognized as one of the most promising sustainable and environmentally friendly energy carriers for humans in the future. Hydrocarbon conversion is an important route to produce hydrogen in an economic and scalable manner. Many technologies can be adopted for hydrogen production from hydrocarbon, which includes thermal cracking, steam/dry reforming, partial oxidation, and so on. Furthermore, advanced conversion processes based on photo- and electro-catalysis have been developed as emerging technology. The research is highly interdisciplinary, containing advanced material development, fundamental reaction engineering and novel system design.

Guest Editors

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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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