Special Issue

Advances in Hydrogen Energy III

Message from the Guest Editors

Hydrogen energy research and development has attracted growing attention as one of the key solutions for a clean future energy system. In order to reduce greenhouse gas emissions, national governments across the world are developing ambitious policies to support hydrogen technology, and an increasing level of funding has been allocated for projects of research, development, and demonstration of this technology. While intense research activities have been dedicated to this field, several issues require further research prior to achieving a full commercialization of hydrogen technology solutions. This Special Issue seeks to contribute to disseminating the most recent advancements in the field with respect to both modeling and experimental analysis. The focus is placed on research covering all aspects of the hydrogen energy route, including fuel production, storage, transportation, and final usage. This also includes the development of hydrogen-based fuels, such as ammonia, alcohols, and methane. We look forward to considering your 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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