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Hydrogen Energy Reviews

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Message from the Collection Editor

Dear Colleagues,

This Topical Collection is dedicated to provide comprehensive review related to hydrogen adoption in our energy system, including a broad range of production, storage, transportation, and utilization of hydrogen.

- Energy modeling and system;
- Integration of hydrogen with other energy sources;
- Hydrogen production system;
- Hydrogen storage system;
- Transportation system;
- Hydrogen utilization system;
- Hydrogen combustion;
- Conversion processes;
- Process design and optimization;
- Ammonia and its production and utilization;
- Liquefaction and regasification;
- Hydrogenation and dehydrogenation;
- Hydrogen-based power generation;
- Catalysts for hydrogen production, storage, and utilization;
- Fuel cell;
- Economic analysis;
- Environmental assessments;
- Advanced materials, nano-technology and nano-materials;
- Energy and exergy analysis.



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Prof. Dr. Muhammad Aziz
Guest Editor

Topical Collection



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Message from the Editor-in-Chief

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