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## Current Trends in Hydrogen Storage Materials: Properties, Applications and Future Perspectives

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Deadline for manuscript  
submissions:

**closed (20 May 2024)**

### Message from the Guest Editors

Owing to the possibility of zero carbon emissions associated with H<sub>2</sub> energy utilization, green H<sub>2</sub> is considered one of the most viable future energy sources and is extremely important in the efforts to meet the net zero emission target set in COP21. To materialize its commercialization, extensive research efforts are currently devoted to the development of viable systems to generate, store and utilize green H<sub>2</sub>. Among all of the three above mentioned aspects, the storage of H<sub>2</sub> is important, as safe and high density storage systems are key to the advancement of H<sub>2</sub> and fuel cell technologies for applications in the area of transportation and stationary and portable power units.

This Special Issue will encompass all area of H<sub>2</sub> storage ranging from physical-based to material-based H<sub>2</sub> storage systems and their further utilization. Research articles and comprehensive reviews from related areas may be submitted for publication in the Special Issue. Owing to the demand for advancements in this field, we predict this collection will be widely viewed and receive notable recognition.



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# Special Issue



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