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Hydrogen Storage Properties of Materials

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Message from the Guest Editor

Dear Colleagues,

The last few years have seen a resurgence of hydrogen as an energy carrier, especially for mobile applications such as cars, trucks, and trains. Hydrogen storage is a key component in all of these applications, but the requirements in terms of the pressure and temperature of operation, as well as cost, may be quite different. Storing hydrogen solid materials has many advantages over the conventional means of storage of high-pressure and liquid. The main ones being the high volumetric density at a near-ambient temperature, high purity of the released hydrogen, low cost, and inherent safety.

The goal of this Special Issue is to assemble original researches or review articles on the materials for hydrogen storage.

Prof. Dr. Jacques Huot
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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