Special Issue

Hydrogen Storage

Message from the Guest Editor

In a future world with renewable energies and less environmental pollution the major problem is energy storage. Owing to the high energy content by weight, hydrogen is one of the most promising energy carriers for mobile applications. However, hydrogen storage is still the major bottleneck for a fast commercialization of fuel-cell vehicles. The present technologies, as compressed gas or liquefied hydrogen, possess severe disadvantages and storage of hydrogen in light-weight solids or liquids could be the solution to this problem. This Special Issue will focus on newest developments in hydrogen storage. Submission of papers on novel materials, possessing high and reversible hydrogen storage capacities, are especially emphasized.

Guest Editor

Dr. Michael Hirscher
Max-Planck-Institut für Metallforschung, Heisenbergstrasse 3, D-70569 Stuttgart, Germany

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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