



materials



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Recent Research on Energy Storage Materials: Properties and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The pursuit of climate neutrality, intelligent energy utilization systems, including renewable energy, is a challenge for energy storage systems. In this context, the selection of materials for energy storage is an extremely important aspect of the development of materials engineering. I invite all colleagues to present their achievements in the field of materials used in the construction of hydrogen fuel cells, modern material solutions in the construction of hydrogen tanks, material requirements, and the analysis of corrosion processes of materials intended for tanks. Hydrogen as an energy carrier can be bound chemically and physically. Energy storage is also a variety of elements made of components with specific properties. I invite colleagues who deal with the construction or are suppliers of components for electricity storage, such as batteries, inverters, electronics, housings, software, or provide installation, service and warranty services for end products and have interesting experiences in this field to share their research and results.

I look forward to your contributions.

Dr. Renata Włodarczyk
Guest Editor



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Editor-in-Chief

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Message from the Editor-in-Chief

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