

# **New energy storage background board materials**



## Overview

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This Research Topic is aimed for researchers to gain an in-depth understanding of novel materials and structures for energy harvesting, conversion, and storage. Not only experimental studies but also theoretical research papers are welcomed in this collection. Materials with novel properties will enable energy savings in energy-intensive processes and applications and will create a new design space for renewable energy generation. These processes are crucial for balancing. The design of new energy-related materials is at the forefront of different sciences such as materials science, chemistry, physics, and engineering, which also generates requirements for further exploration of emerging materials and structures. Enhancements in battery performance, 3. Integration into existing infrastructure, 4.

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### [Energy Storage Materials: Innovations and Applications](#)

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### [Emerging Materials and Structures for Future Renewable Energy](#)

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