Amorphous materials for energy storage

Summary. Amorphous materials, which bear a unique entity of randomly arranged atoms, have aroused a great deal of attention in the field of electrochemical energy storage and conversion ...

With continuous effort, enormous amorphous materials have explored their potential in various electrochemical energy storage devices, and these attractive materials" superiorities and ...

Amorphous materials with unique structural features of long-range disorder and short-range order are emerging as prospective electrodes for electrochemical energy storage and conversion due to their advantageous properties such as ...

Special attention is devoted to the fundamental understanding of the underlying electrochemical energy storage mechanisms and to the significant roles that amorphous nanomaterials can ...

The advancement of next-generation energy technologies calls for rationally designed and fabricated electrode materials that have desirable structures and satisfactory ...

Amorphous materials with unique structural features of long-range disorder and short-range order are emerging as prospective electrodes for electrochemical energy storage and conversion ...

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