



Core journals of energy storage engineering

What is Journal of energy storage?

Journal of Energy Storage is a journal covering the technologies/fields/categories related to Electrical and Electronic Engineering (Q1); Energy Engineering and Power Technology (Q1); Renewable Energy, Sustainability and the Environment (Q1). It is published by Elsevier B.V.. The overall rank of Journal of Energy Storage is 1799.

Who is interested in the Journal of energy storage?

The journal is also of interest to decision makers and technical, economic and policy advisers in these organisations. The Journal of Energy Storage welcomes original research papers, reviews and short communications.

What is the SJR of the Journal of energy storage?

The Journal of Energy Storage has an SJR (SCImago Journal Rank) of 1.76, according to the latest data. It is computed in the year 2025. In the past 10 years, this journal has recorded a range of SJR, with the highest being 1.76 in 2024 and the lowest being in 2015.

What is the rank of Journal of energy storage?

The overall rank of Journal of Energy Storage is 1799. According to SCImago Journal Rank (SJR), this journal is ranked 1.76. SCImago Journal Rank is an indicator, which measures the scientific influence of journals. It considers the number of citations received by a journal and the importance of the journals from where these citations come.

What are the main topics covered by the Journal of Energy Storage?

The Journal of Energy Storage focusses on all aspects of energy storage, in particular systems integration, electric grid integration, modelling and analysis, novel energy storage technologies, sizing and management strategies, business models for operation of storage systems and energy storage developments worldwide.

What is the ISSN of energy storage materials journal?

The ISSN of Energy Storage Materials journal is 24058297. An International Standard Serial Number (ISSN) is a unique code of 8 digits. It is used for the recognition of journals, newspapers, periodicals, and magazines in all kind of forms, be it print-media or electronic.

By publishing studies that integrate technological advancements in material and chemical engineering and electricity grid applications together with regulatory frameworks and socioeconomic considerations, the journal ...



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Abstract Deep underground energy storage is the use of deep underground spaces for large-scale energy storage, which is an important way to provide a stable supply of clean energy, enable a ...

Research paper Achieving excellent energy storage reliability and endurance via mechanical performance optimization strategy in engineered ceramics with core-shell grain ...

The increasing global energy demand and the transition toward sustainable energy systems have highlighted the importance of energy storage technologies by ensuring efficiency, reliability, and ...

Journal of energy storage focusses on all aspects of energy storage, in particular systems integration, electric grid integration, modelling and analysis, novel energy storage technologies, sizing and management ...

ESST is focusing on both fundamental and applied aspects of energy storage science and technology. Submissions can be in English or Chinese. It is included in Chinese Sci-tech Core Journal, main indexed by CSCD ...

The results show that, in terms of technology types, the annual publication volume and publication ratio of various energy storage types from high to low are: electrochemical ...

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Here, it is proposed to use composition design and microstructural core-shell engineering to surmount this contradiction and thus enhance the energy storage density.

This information was prepared as an account of work sponsored by an agency of the U.S. Government. Neither the U.S. Government nor any agency thereof, nor any of their employees, ...

Issue 2, 2025 Previous Article Next Article From the journal: Energy & Environmental Science Advancing high-temperature electrostatic energy storage via linker engineering of metal-organic ...

Compressed air energy storage (CAES) technology has received widespread attention due to its advantages of large scale, low cost and less pollution. H...

This work comprehensively investigates the storage mechanism of potassium ion charge in the CoSe₂/ZnSe/C@GO from both atomic scale and macroscopic perspectives. ...

This study presents a breakthrough by establishing a steady-state explicit mathematical model based on energy conservation principles, which for the first time, to the best of our knowledge, enables synchronous coupling ...



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The selection of geological formations for underground hydrogen storage should rely on a comprehensive geological assessment, including engineering factors. If there is any ...

Energy storage is a more sustainable choice to meet net-zero carbon foot print and decarbonization of the environment in the pursuit of an energy independent future, green ...

The Journal of Energy Storage focusses on all aspects of energy storage, in particular systems integration, electric grid integration, modelling and analysis, novel energy storage technologies, sizing and ...

CAS provides abstracts of articles, and indexes bibliographic, substance, and reaction information from key scientific journals such as those shown below. This information may appear within ...

In this work, the characteristics, key scientific problems and engineering challenges of five underground large-scale energy storage technologies are discussed and summarized, ...



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