

The latest impact factor of energy storage materials is 18.9 which is recently updated in June, 2024. The impact factor (IF) is a measure of the frequency with which the average article in a journal has been cited in a particular year. It is used to measure the importance or rank of a journal by calculating the times it's articles are cited.

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?Energy Storage Science and Technology?(ESST) (CN10-1076/TK, ISSN2095-4239) is the bimonthly journal in the area of energy storage, and hosted by Chemical Industry Press and the Chemical Industry and Engineering Society of China in 2012, The editor-in-chief now is professor HUANG Xuejie of Institute of Physics, CAS. ESST is focusing on both fundamental and ...

Energy Materials is a peer-reviewed journal with Yuping Wu serving as Editor-in-Chief. The journal covers a broad spectrum of research, including fundamental scientific studies, advanced technologies and characterization, guiding theoretical research, and energy-efficient data analysis. Research topics include but are not limited to batteries and supercapacitors, fuel ...

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Energy Storage Materials has an h-index of 158 means 158 articles of this journal have more than 158 number of citations. The h-index is a way of measuring the productivity and citation impact of the publications. The h-index is defined as the maximum value of h such that the given journal/author has published h papers that have each been cited at least h number of times.

Top authors and change over time. The top authors publishing in Energy Storage Materials (based on the number of publications) are: Shi Xue Dou (24 papers) absent at the last edition,; Feng Li (23 papers) absent at the last edition,; Feiyu Kang (22 papers) absent at the last edition,; Hong Li (22 papers) absent at the last edition,; Hui-Ming Cheng (21 papers) absent at the last ...

The Impact IF 2023 of Journal of Electrochemical Energy Conversion and Storage is 2.57, which is computed in 2024 as per its definition. Journal of Electrochemical Energy Conversion and Storage IF is increased by a factor of 0.12 and approximate percentage change is 4.9% when compared to preceding year 2022, which

shows a rising trend. The impact IF, also ...

The 2023-2024 Journal's Impact IF of Materials Today Energy is 9.257, which is ... Thermoelectric materials and devices, Materials for nuclear energy applications, Materials for Energy Storage, Environment protection, Sustainable and green materials. ... &#183; The Materials Today Energy has published 5 reports and received 186 citations in 2016 ...

The 2023-2024 Journal's Impact IF of Journal of Energy Storage is 8.907, which is just updated in 2024. Journal of Energy Storage Journal's Impact IF Journal of Energy Storage Journal's Impact IF Prediction System is now online. You can start share your valuable insights with the community.

Advanced Energy Materials 2023-2024 Journal's Impact IF is 29.698. Check Out IF Ranking, Prediction, Trend & Key Factor Analysis. ... conversion and storage. Advanced Energy Materials covers all topics in energy-related research: organic and inorganic photovoltaics batteries and supercapacitors fuel cells hydrogen generation and storage ...

18.9 Impact Factor. Articles & Issues. About. Publish. Order journal. Menu. Articles & Issues. Latest issue; All issues; ... Recent progress in the design of advanced MXene/metal oxides-hybrid materials for energy storage devices. Muhammad Sufyan Javed, Abdul Mateen, Iftikhar Hussain, Awais Ahmad, ... Weihua Han. Pages 827-872

Preparation of hydrophobic lauric acid/SiO<sub>2</sub> shape-stabilized phase change materials for thermal energy storage: ... Key Factor Analysis &#183; Journal of Energy Storage??2016?112???????4330??????? ... Journal of Energy Storage Key Factor Analysis Journal of Energy Storage?ISSN? - ...

The latest impact score (IS) of the Energy Storage Materials is 20.44 is computed in the year 2023 as per its definition and based on Scopus data. 20.44 It is increased by a factor of around 1.68, and the percentage change is 8.96% compared to the preceding year 2021, indicating a rising trend. The impact score (IS), also denoted as the Journal impact score ...

Salts that are liquid at room temperature, now commonly called ionic liquids, have been known for more than 100 years; however, their unique properties have only come to light in the past two decades.

Established in 2011, Advanced Energy Materials is an international, interdisciplinary, English-language forum of original peer-reviewed contributions on materials used in all forms of energy harvesting, conversion and storage. With a 2016 Impact Factor of 15.23, Advanced Energy Materials is a prime source for the best energy-related research.

From mobile devices to the power grid, the needs for high-energy density or high-power density energy storage materials continue to grow. Materials that have at least one dimension on the nanometer scale offer

opportunities for enhanced energy storage, although there are also challenges relating to, for example, stability and manufacturing.

The energy density ( $\text{W h kg}^{-1}$ ) of an electrochemical cell is a product of the voltage (V) delivered by a cell and the amount of charge ( $\text{A h kg}^{-1}$ ) that can be stored per unit weight (gravimetric) or volume (volumetric) of the active materials (anode and cathode). Among the various rechargeable battery technologies available, lithium-ion technology offers higher ...

In this review, the design principles for bioinspired materials ranging from structures, synthesis, and functionalization to multi-scale ordering and device integration are first discussed, and then a brief summary is given on the recent progress on bioinspired materials for energy storage systems, particularly the widely studied rechargeable ...

select article Rational design of a heterogeneous double-layered composite solid electrolyte via synergistic strategies of asymmetric polymer matrices and functional additives to enable 4.5 V all-solid-state lithium batteries with superior performance

Energy Materials is an international peer-reviewed, open access, online journal dedicated to communicating recent progresses related to materials science and engineering in the field of energy conversion and storage. The journal publishes Articles, Communications, Mini/Reviews, Research Highlights and Perspectives with original research works focusing on the challenges ...

Energy Storage Materials is an international multidisciplinary journal for communicating scientific and technological advances in the field of materials and their devices for advanced energy storage and relevant energy conversion (such as in metal-O<sub>2</sub> battery). ... 2016: Q1: Energy Engineering and Power Technology: 2017: ... three and four years ...

To meet the growing energy demands in a low-carbon economy, the development of new materials that improve the efficiency of energy conversion and storage systems is essential. Mesoporous materials ...

Nature Energy has an h-index of 229 means 229 articles of this journal have more than 229 number of citations. The h-index is a way of measuring the productivity and citation impact of the publications. The h-index is defined as the maximum value of h such that the given journal/author has published h papers that have each been cited at least h number of times.

Energy Storage Materials is an international multidisciplinary journal for communicating scientific and technological advances in the field of materials and their devices for advanced energy storage and relevant energy conversion (such as in metal-O<sub>2</sub> battery). It publishes comprehensive research articles including full papers and short communications, as well as topical feature ...

The ISO 4 standard abbreviation of Energy Storage Materials is Energy Storage Mater.. This abbreviation ("Energy Storage Mater.") is well recommended and approved for the purpose of indexing, abstraction, referencing and citing goals. It meets all the essential criteria of ISO 4 standard.

It is computed in the year 2024. In the past 9 years, this journal has recorded a range of SJR, with the highest being 5.374 in 2023 and the lowest being in 2015. Furthermore, the average SJR of the Energy Storage Materials over the previous 9-year period stands at 14.87.

Journal of Energy Storage 2023-2024 Journal's Impact IF is 8.907. Check Out IF Ranking, Prediction, Trend & Key Factor Analysis. ... Preparation of hydrophobic lauric acid/SiO<sub>2</sub> shape-stabilized phase change materials for thermal energy storage: ... Journal of Energy Storage Key Factor Analysis. Publisher. Elsevier BV ...

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