

## Understanding Journal of Energy Storage's Academic Standing and Impact

### Where Does This Energy Storage Powerhouse Stand?

When researchers ask "Where does Journal of Energy Storage rank in Scimago?", they're really probing two things: the journal's academic clout and where to invest their best work. Let me break it down like you're explaining battery chemistry to a first-year engineering student - clearly, but without dumbing it down.

### The Numbers Don't Lie

2023 Impact Factor: 8.9 (JCR Q1 ranking)

Chinese Academy of Sciences Rating: 2 Top

Acceptance speed: 3-month average review cycle

Global authorship: 40%+ papers from Asian researchers

You've developed a novel phase-change material for solar thermal storage. Where do you submit? This Elsevier-published titan regularly features groundbreaking work like Northwestern Polytechnical University's flexible zinc-air battery research ( et al., 2024) and vehicle-to-grid economic models from Tsinghua teams ( et al., 2024).

### Why Top Minds Choose This Platform

The journal operates like a Tesla Megapack - efficiently storing and discharging cutting-edge research. Consider these recent highlights:

Taiyuan University's electro-thermal hybrid storage model reduced microgrid costs by 178% (, 2024)

Ningbo researchers achieved 36% efficiency gains in flexible batteries using bacterial cellulose hydrogel (, 2024)

Suzhou's MOF-derived catalysts boosted zinc-air battery peak power to 176.5 mW/cm<sup>2</sup> ( et al., 2024)

### The Submission Sweet Spot

Here's the insider knowledge every corresponding author needs:

Hybrid OA option available (8.5% Gold OA articles)

Average 85-day first decision time

63% acceptance rate for revised manuscripts

Special issues on emerging topics like hydrogen storage kinetics

Young researchers take note: The journal actively nurtures new talent. Case in point - Xi'an Engineering University undergrad landed a first-author publication on hydrogel electrolytes (2024), proving fresh perspectives get serious consideration here.

## Navigating the Peer Review Landscape

The editorial board functions like a well-calibrated battery management system - rigorous but fair. Manuscripts typically face:

Technical screening (14 days)

Dual-anonymized peer review (45-60 days)

Mandatory data transparency checks

Cross-disciplinary validation for systems integration studies

Pro tip: Papers incorporating real-world validation like Northeastern China's PCM-enhanced solar collectors (et al., 2022) tend to sail through review. The editors hunger for research that bridges lab discoveries with grid-scale applications.

## The Carbon-Neutrality Factor

With its 2024 focus on V2G integration and multi-energy microgrids, the journal's become the go-to for climate-critical storage solutions. A telling statistic: 68% of recent publications directly address UN Sustainable Development Goal 7 (Affordable Clean Energy).

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