

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/cm² (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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