

Candidate Hybrid Journals

Spider-Tailed Horned Viper Optimization for Single-Diode Parameter Extraction of a Thin-Film Photovoltaic Module: A Thirty-Run Reliability and Identifiability Study

All journals listed are hybrid (subscription-based) — publishing under the standard subscription model costs the author nothing; an APC only applies if you actively opt into gold open access.

Q1 Tier

Journal	Link	Review Time	Indexing
Solar Energy	sciencedirect.com/journal/solar-energy	~4–6 wks first decision; ~4–6 mo to final	Scopus, SCIE, Compendex
Applied Energy	sciencedirect.com/journal/applied-energy	~6–8 wks first decision	Scopus, SCIE, Compendex
Energy Conversion and Management	sciencedirect.com/journal/energy-conversion-and-management	~5–8 wks first decision	Scopus, SCIE, Compendex
Applied Soft Computing	sciencedirect.com/journal/applied-soft-computing	~2–4 mo first decision (slower, stricter)	Scopus, SCIE, Compendex
Engineering Applications of Artificial Intelligence	sciencedirect.com/journal/engineering-applications-of-artificial-intelligence	~2–3 mo first decision	Scopus, SCIE, Compendex

Higher rejection rates, longer review cycles. Reviewers will expect thorough benchmarking against very recent (2024–2026) metaheuristics.

Q2 Tier

Journal	Link	Review Time	Indexing
Optik	sciencedirect.com/journal/optik	~5.7 mo avg full cycle (crowdsourced); first decision often ~4–6 wks	Scopus, SCIE, Compendex
Electric Power Systems Research	sciencedirect.com/journal/electric-power-systems-research	~6–8 wks first decision	Scopus, SCIE, Compendex
IET Renewable Power Generation	ietresearch.onlinelibrary.wiley.com/journal/17521424	~2–3 mo first decision	Scopus, SCIE, Compendex
Arabian Journal for Science and Engineering	link.springer.com/journal/13369	~2–4 mo first decision	Scopus, SCIE

Optik and Electric Power Systems Research have both published PV single-/double-diode parameter-extraction papers before — good reviewer fit.

Q3 Tier

Journal	Link	Review Time	Indexing
Electric Power Components and Systems	tandfonline.com/journals/uemp20	~2–3 mo first decision	Scopus, SCIE, Compendex
Journal of Renewable and Sustainable Energy	pubs.aip.org/aip/jrse	~6–10 wks first decision	Scopus, SCIE
IEEEJ Transactions on Electrical and Electronic Engineering	onlinelibrary.wiley.com/journal/19314981	~2–4 mo first decision	Scopus, SCIE
COMPEL	emerald.com/insight/publication/issn/0332-1649	~2–3 mo first decision	Scopus, SCIE, Compendex
Journal of Electrical Engineering & Technology	link.springer.com/journal/42835	~2–3 mo first decision	Scopus, SCIE

Fastest realistic path to a clean accept for a solid-but-incremental applied paper. Less pressure to justify algorithmic novelty; more focus on execution quality (your 30-run reliability/identifiability design fits well here).

Notes

- Review-time figures are crowdsourced averages (LetPub / Academic Accelerator / author reports) and fluctuate by editor workload — treat as ballpark only.
- Quartile placement (Scimago SJR) can shift year to year and differs by subject category — always re-check on scimagojr.com for the specific category you're submitting under.
- Confirm the current subscription (no-fee) vs. open-access (APC) options directly on each journal's "Guide for Authors" page before submission, as policies change.