

Citation Integrity Report

PLOS ONE

2024-01-01 – 2024-03-31

Prepared by CitateGenie · Evidite, Inc. · July 29, 2026
Run ID: F59B381F975FD550 · 25 articles audited · Stacks index: 550M+ records

Executive Summary

Articles audited	References verified	Articles with ≥1 unverified ref	Articles with ≥3 unverified refs
25	1,547	7 (28.0%)	0 (0.0%)

A total of 25 open-access articles from *PLOS ONE* published during 2024-01-01 – 2024-03-31 were audited. Each article's references were extracted from structured JATS XML and submitted to Stacks — a precomputed index of more than 550 million scholarly records — for deterministic, AI-free SourceComponent-level verification. A reference is classified as *unverified* when no matching canonical record could be identified.

Articles with Unverified References

PMC ID	Article Title	Total Refs	Unverified	Severity
PMC10980195	Ammonification by kelp associated microbes increases ammonium availability.	55	1	Medium
PMC10980210	Responsiveness of respiratory function in Parkinson's Disease to an integra...	110	1	Medium
PMC10980252	The epidemiology of gestational diabetes, gestation hypertension, and anemi...	67	1	Medium
PMC10980204	Molecular characterization of Aeromonas hydrophila detected in Channa marul...	93	1	Medium
PMC10980188	The role of diabetic foot treatment in improving left ventricular function:...	29	1	Medium
PMC10980227	3D Slicer open-source software plug-in for vector-based angle calculation o...	67	1	Medium
PMC10980232	Key dimensions of women's and their partners' experiences of childbirth: A ...	106	1	Medium

Methodology and Reproducibility

Verification was performed using CiteGenie, a deterministic, AI-free citation verification instrument developed by Evidite, Inc. References were extracted from structured JATS XML provided by PubMed Central and submitted to Stacks, a precomputed index of more than 550 million canonical digital records. Verification is deterministic: the same reference submitted to the same index snapshot always returns the same result. No artificial intelligence or machine learning is involved in the verification process.

A reference is classified as *verified* when its bibliographic fields agree with the canonical record above a weighted confidence threshold; *partial* when some fields agree and others conflict; and *unverified* when no matching canonical record could be identified. This report presents only references classified as unverified.

Run Parameters

Parameter	Value
Run ID	F59B381F975FD550
Date generated	July 29, 2026
Journal	PLOS ONE
ISSN	1932-6203
Date range audited	2024-01-01 – 2024-03-31
Articles sampled (n)	25
Verification engine	CiteGenie (Evidite, Inc.)
Index	Stacks — 550M+ canonical records
Method	Deterministic, AI-free, SourceComponent-level
CSV hash (SHA-256)	f59b381f975fd55021c635fe2920e7ab692bc1eefc8a2f96c9b776b430582fc4