Publication Set In-Depth Report - Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025

Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025
Filter by publication year range:2023 to 2025

Summary metrics

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

1,040
Scholarly Output
31.4% Open Access



3,129
Authors

1.43
Field-Weighted Citation Impact (Mean)



0.89
Field-Weighted Citation Impact (Median)



488
International Collaboration



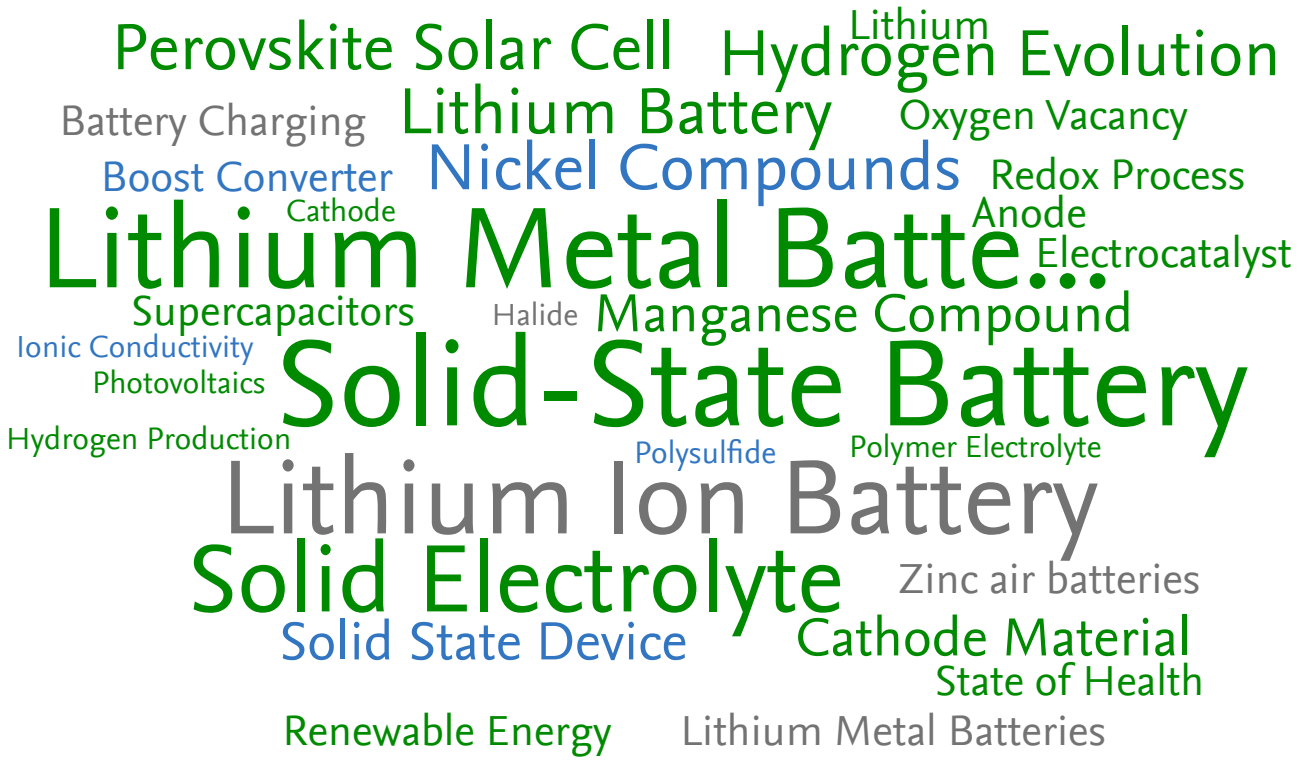
18,133
Citation Count

17.4
Citations per Publication

This analysis provides an overall metrics summary of the Publication Set. The snowflake means the metrics have been calculated using the Snowball Metrics methodology.

Keyphrase analysis

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

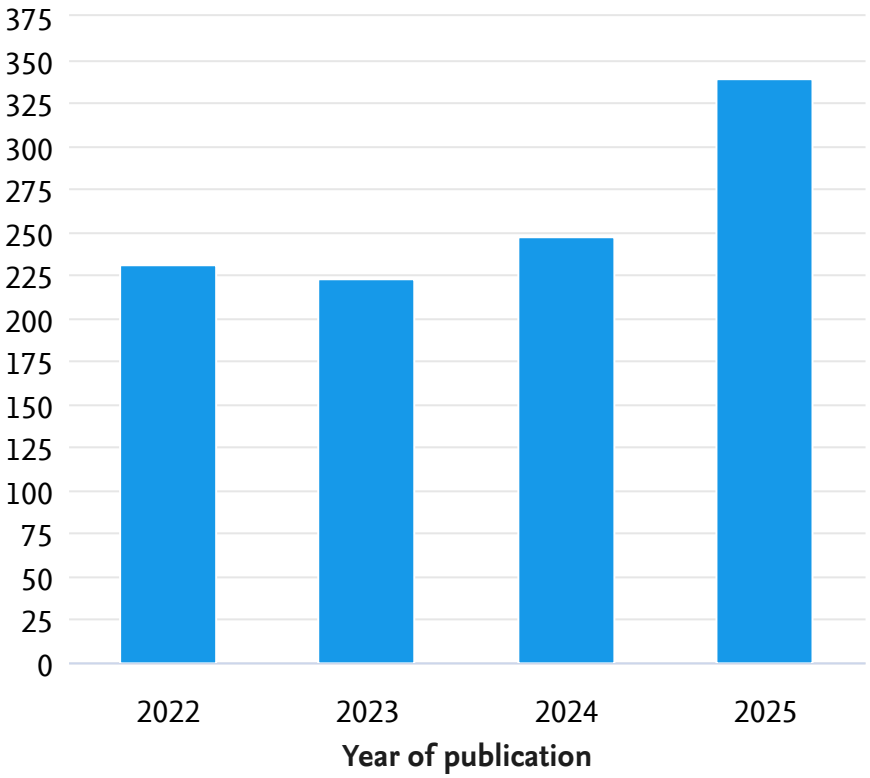


A A A relevance of keyphrase | declining A A A growing (2022-2025)

SciVal uses the Elsevier Fingerprint Engine to extract distinctive keyphrases within the Publication Set. The text mining is done through applying a variety of Natural Language Processing techniques to the titles and abstracts of the documents in the Publication Set in order to identify important concepts.

Scholarly Output

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026



1,040

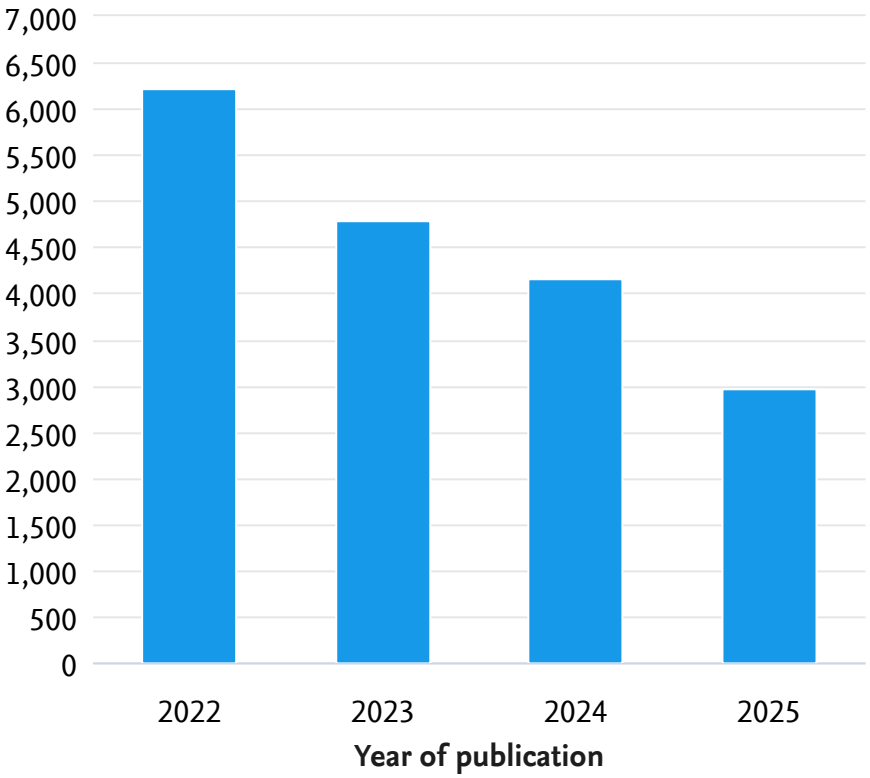
number of publications by authors in Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025

Scholarly Output indicates the prolificacy of the Publication Set: how many documents are published each year during the time period?

Note: some subject areas produce more scholarly output than others.

Citation Count

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026



18,133

number of citations received by publications in Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025

Citation count indicates the total citation impact of the Publication Set: how many citations have these publications received? The years are always the years in which items were published, and do not refer to the years in which citations were received.

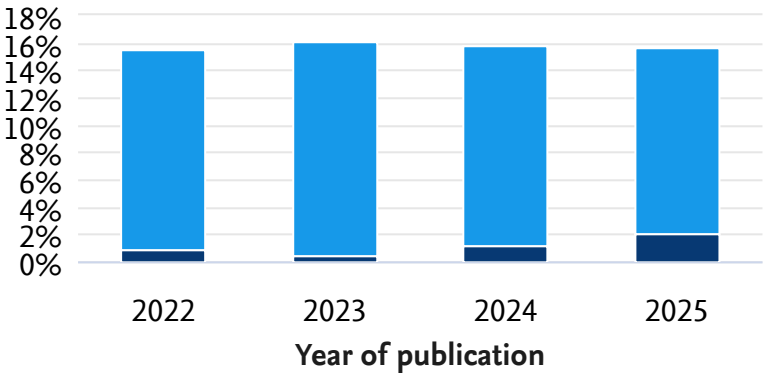
Note: some subject areas cite publications more often than others.

Outputs in Top 10% Citation Percentiles (field-weighted)

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

Share of publications in Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 that are among the most cited publications worldwide

field-weighted



164 (15.8%)

number of publications in the top 10% most cited publications worldwide

% publications in top 10% most cited

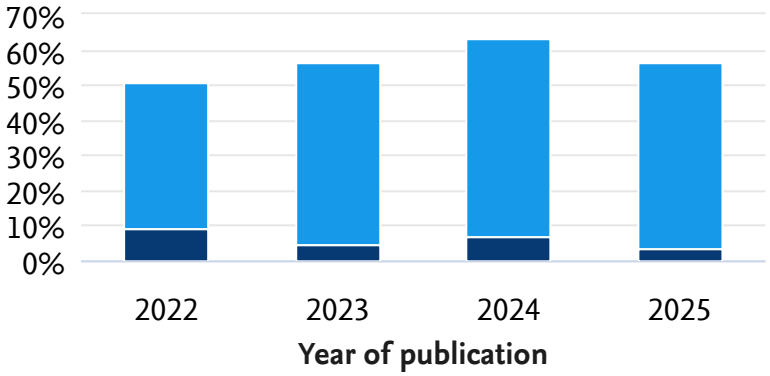
% publications in top 1% most cited

Outputs in Top Citation Percentiles indicates the extent to which the publications are present in the top 10% most-cited percentiles within Scopus. This number is then field-weighted to normalize for differences in subject area citation patterns.

Publications in Top Journal Percentiles by CiteScore Percentile

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

Share of publications in Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 that are in the top journals by CiteScore Percentile



535 (56.6%)

number of publications in the top 10% journals by CiteScore

% publications in top 10% journals

% publications in top 1% journals

Publications in Top Journal Percentiles indicates the extent to which the publications are present in the top most-cited journals in Scopus by CiteScore percentile. The percentage thresholds are taken directly from the CiteScore Percentile values that are calculated by Scopus. A journal receives a CiteScore Percentile for each ASJC in which it's categorized. SciVal always uses the highest relevant CiteScore Percentile, which is dictated by the subject area filter.

Top countries/regions

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

Countries & territories	Scholarly Output	Views Count	Field-Weighted Citation Impact (excl. self-citations)	Citation Count (excl. self-citations)
Taiwan	1,032	31,860	1.43	17,826
Indonesia	106	3,974	0.97	1,031
China	90	2,865	2.75	2,974
India	67	2,075	1.41	1,214
Ethiopia	49	1,488	1.57	1,079
United States	47	1,926	2.67	1,335
Germany	45	2,178	2.11	1,017
Malaysia	40	1,680	1.23	762
Australia	27	1,040	2.34	689
Japan	27	928	1.21	453

Metric 1: **Scholarly Output**
Types of publications included: all.

Metric 2: **Citation Count**
Types of publications included: all. Self-citations included: yes.

Metric 3: **Field-Weighted Citation Impact**
Types of publications included: all.

Metric 4: **Views Count**

Shows the most prolific countries and regions publishing research in the Publication Set.
Note: for entities with a small scholarly output, please beware of highly cited publications which may skew the FWCI.

Top Institutions

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

Institution	Scholarly Output	Views Count	Field-Weighted Citation Impact (excl. self-citations)	Citation Count (excl. self-citations)
National Taiwan University of Science and Technology	1,040	32,189	1.43	18,133
National Synchrotron Radiation Research Center Taiwan	137	6,175	2.03	3,854
Ming Chi University of Technology	112	4,322	1.40	2,039
National Taiwan University	99	3,319	1.11	1,427
Chang Gung University	70	2,685	1.40	1,176
Chung Yuan Christian University	62	2,230	1.43	1,179
Academia Sinica Taiwan HQ	40	811	1.21	530
National Yang Ming Chiao Tung University	40	1,604	1.43	613
National Taipei University of Technology	38	1,470	1.07	572
National Taiwan Normal University	36	874	1.47	593

Top Institutions

Metric 1: **Scholarly Output**
Types of publications included: all.

Metric 2: **Views Count**

Metric 3: **Field-Weighted Citation Impact**
Types of publications included: all.

Metric 4: **Citation Count**
Types of publications included: all. Self-citations included: yes.

Shows the most prolific institutions publishing research in the Publication Set.

Note: for entities with a small scholarly output, please beware of highly cited publications which may skew the FWCI.

Top Scopus Sources

Entity: Publications at the National Taiwan University of Science and Technology within SDG 7: Affordable and Clean Energy (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

Scopus Sources	Scholarly Output	Views Count	Field-Weighted Citation Impact (excl. self-citations)	Citation Count (excl. self-citations)
Chemical Engineering Journal	53	2,071	2.19	1,401
Journal of Energy Storage	37	1,695	1.34	767
ACS Applied Materials and Interfaces	32	1,253	1.76	835
Journal of Materials Chemistry A	27	749	1.80	799
Journal of Power Sources	26	1,134	1.61	547
ACS Applied Energy Materials	23	755	1.26	376
Energies	23	496	0.72	245
Applied Sciences (Switzerland)	17	252	0.62	123
International Journal of Hydrogen Energy	17	495	1.07	225
Electrochimica Acta	15	475	1.12	257

Metric 1: **Scholarly Output**
Types of publications included: all.

Metric 2: **Views Count**

Metric 3: **Field-Weighted Citation Impact**
Types of publications included: all.

Metric 4: **Citation Count**
Types of publications included: all. Self-citations included: yes.

Shows the Scopus sources which have published the largest quantity of documents in the Publication Set.

Note: for entities with a small scholarly output, please beware of highly cited publications which may skew the FWCI.