Publication Set In-Depth Report - Publications at the National Taiwan University of Science and Technology within SDG 12: Responsible Consumption and Production (2025) | 2022 - 2025

Publications at the National Taiwan University of Science and Technology within SDG 12: Responsible Consumption and Production (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 12: Responsible Consumption and Production (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

170

Scholarly Output

40.6% Open Access



645

Authors

1.37

Field-Weighted Citation Impact (Mean)



0.87

Field-Weighted Citation Impact (Median)



81

International Collaboration



2,827

Citation Count

16.6

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 12: Responsible Consumption and Production (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026

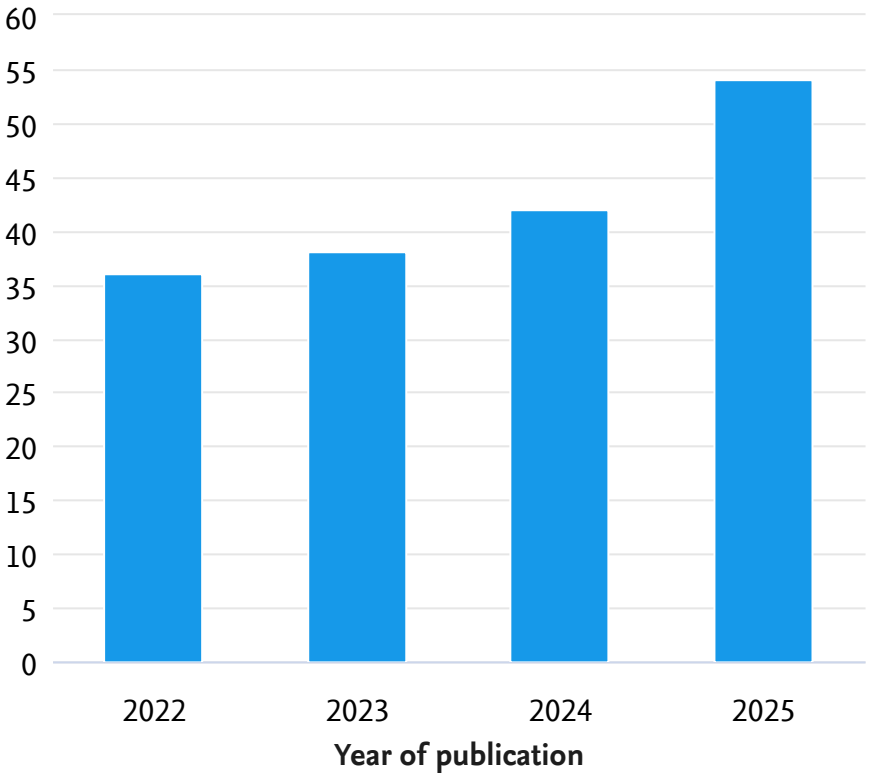


A A A relevance of keyphrase | declining A A A growing (2022-2025)

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 12: Responsible Consumption and Production (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026



170

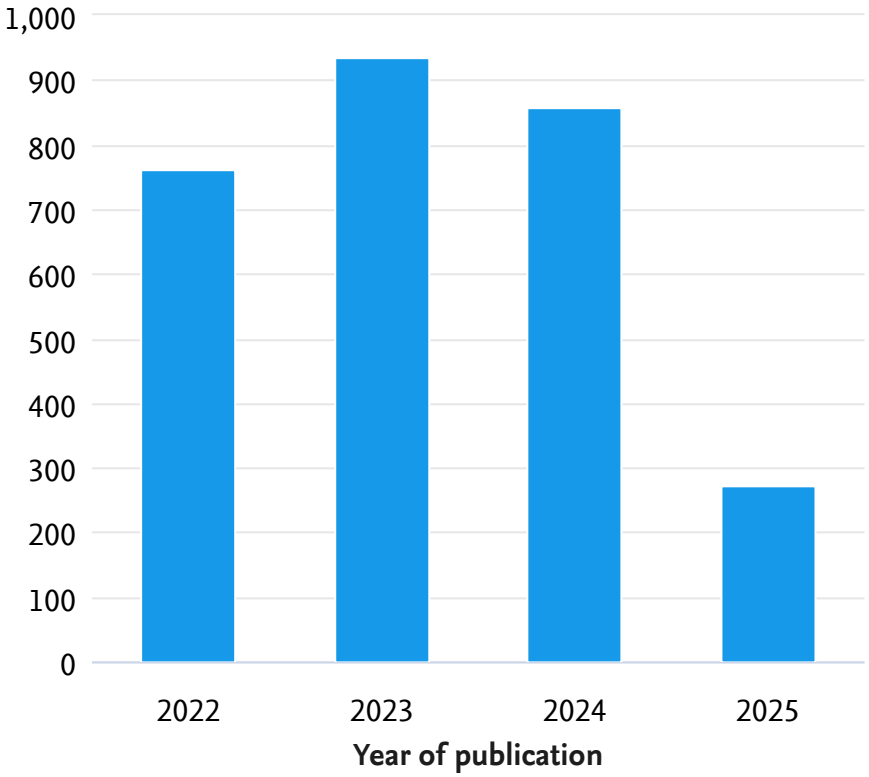
number of publications by authors in Publications at the National Taiwan University of Science and Technology within SDG 12: Responsible Consumption and Production (2025) | 2022 - 2025

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 12: Responsible Consumption and Production (2025) | 2022 - 2025 · Within: All subject areas (ASJC) · Year range: 2022 to 2025 · Data source: Scopus, up to 18 Oct 2026



2,827

number of citations received by publications in Publications at the National Taiwan University of Science and Technology within SDG 12: Responsible Consumption and Production (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.

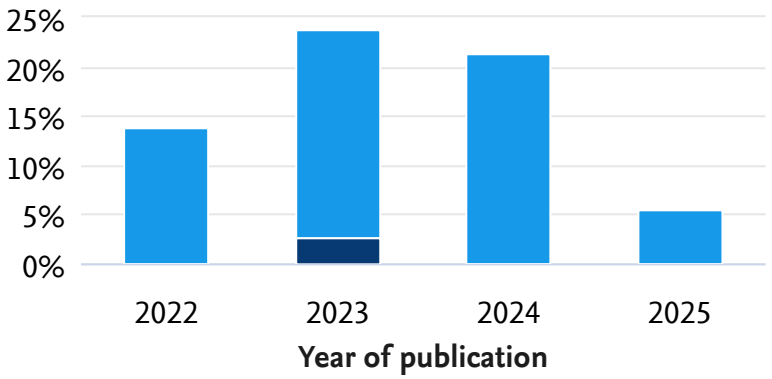
Note: some subject areas cite publications more often than others.

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

Entity: Publications at the National Taiwan University of Science and Technology within SDG 12: Responsible Consumption and Production (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 12: Responsible Consumption and Production (2025) | 2022 - 2025 that are among the most cited publications worldwide

field-weighted



26 (15.3%)

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

% publications in top 10% most cited

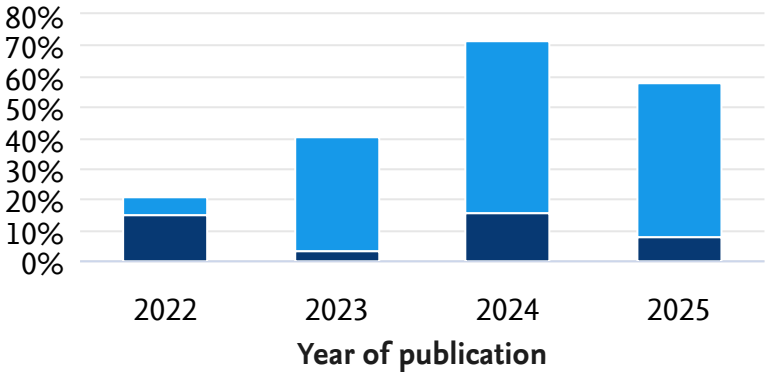
% publications in top 1% most cited

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 12: Responsible Consumption and Production (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 12: Responsible Consumption and Production (2025) | 2022 - 2025 that are in the top journals by CiteScore Percentile



78 (49.7%)

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 12: Responsible Consumption and Production (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	169	10,705	1.38	2,827
Indonesia	32	1,793	1.44	428
China	13	793	1.74	249
India	13	784	1.67	503
United States	10	504	1.00	113
Ethiopia	7	539	2.28	143
Viet Nam	7	357	0.98	91
South Korea	6	273	4.48	509
Japan	5	355	1.97	131
Hong Kong	4	302	2.22	121

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 12: Responsible Consumption and Production (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	170	10,720	1.37	2,827
National Taiwan University	19	774	1.35	267
Institut Teknologi Sepuluh Nopember	11	323	1.33	64
Widya Mandala Surabaya Catholic University	8	357	1.88	165
Ming Chi University of Technology	8	311	1.36	91
Asia University Taiwan	7	397	1.92	149
Chung Yuan Christian University	7	648	1.71	187
Chang Gung University	6	336	1.47	77
China Medical University Taichung	6	374	2.21	148
National Taipei University of Technology	5	292	0.76	40

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 12: Responsible Consumption and Production (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)
Sustainability (Switzerland)	9	698	0.92	107
Journal of Asian Architecture and Building Engineering	4	166	0.51	16
Journal of Cleaner Production	4	650	3.56	308
E3S Web of Conferences	3	159	0.95	3
International Journal of Advanced Manufacturing Technology	3	101	0.74	34
International Journal of Logistics Research and Applications	3	417	1.17	43
Journal of Building Engineering	3	177	1.35	46
Ain Shams Engineering Journal	2	216	1.91	40
Applied Energy	2	329	2.77	57
Applied Sciences (Switzerland)	2	71	0.44	13

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.