

GUIDE TO BIBLIOMETRIC DATA IN IRIS

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Bibliometric data available in publication records

In the record of each product deposited in IRIS, a section that groups together a set of data referring to citations and utilization of the product itself is visible.

The data sources are **Scopus**, **Web of Science** and **PubMed** for citation data and percentiles, and **PlumX** for social media usage and promotion.

Since these are data provided by third parties, their availability depends on certain factors:

- Scopus and Web of Science are paid products and the availability of their data depends on the activation of a subscription. The IMT School currently has an active subscription for Scopus, but not for Web of Science;
- in order to connect the products deposited in IRIS with the corresponding bibliometric data in the citation databases, the identifiers must be entered correctly.

Scopus ID

You can find the Scopus ID within the web page link of each record. It begins with 2- and is located immediately after the characters "eid=" and ends before "&origin".

Citations

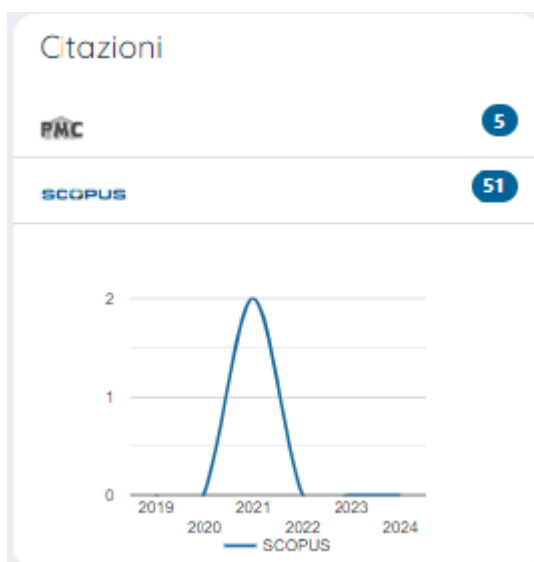


Figura 1. Citazioni box in IRIS record

The Citations box displays the count of citations received by the publication in PubMed and Scopus.

If you click on the database name, IRIS will redirect you to the publication record in PubMed or Scopus.

Hovering the cursor over the citation number will bring up a message indicating the date and time the data was last updated. Click on the number to update it.

The graph represents the trend of citations in Scopus for the past five years.

ND

If one of the databases' identification codes have not been entered in the record, an "unavailable" icon will be displayed instead of the citation count.

Percentiles

The percentile for citations shows the publication's ranking in the ordinal distribution of all publications in the same year, belonging to the same subject category and document type.



Figura 2. Percentiles box in IRIS record

The box presents the best ranking for each of the proposed metrics. Click on the metric to see the publication's ranking in the various subject categories.

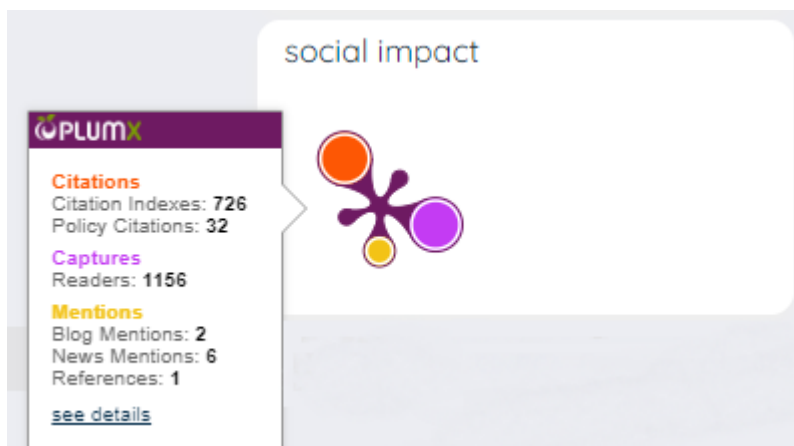
N.B. The lower the percentile value the indicator reports, the higher the number of citations. The maximum percentile value (100) corresponds to 0 citations.

Social Impact

In the last box are represented the data proposed by PlumX¹, namely those related to some alternative metrics that can also be very useful in understanding whether the promotion of the web publication was effective.

The metrics used are:

- **Citations:** traditional and non-traditional citation indices (e.g. citations in patents, citations in clinical cases, etc.).
- **Usage:** summary information regarding how the publication is used on the web (e.g. downloads, views of the abstract, video reproductions, etc.).
- **Captures:** information regarding the interest shown in the publication (e.g. saved in bookmarks, exporting and saving the citation, etc.)
- **Mentions:** information regarding interest shown on the web by the scientific community (e.g. blog posts, comments, Wikipedia references, etc.)
- **Social Media:** all references made on social media such as tweets, likes, etc.



Clicking on the "see details" link opens the page on the PlumX website where you can view the details of each metric.

Figura 3. Social impact box in IRIS record

¹ For more information about PlumX metrics: <https://plumanalytics.com/learn/about-metrics/>


Associating identifiers

IRIS offers the Identifiers tool that helps you easily link IRIS records with Scopus ones. You can find it in the menu: **Products, Archive quality, Identifiers.**

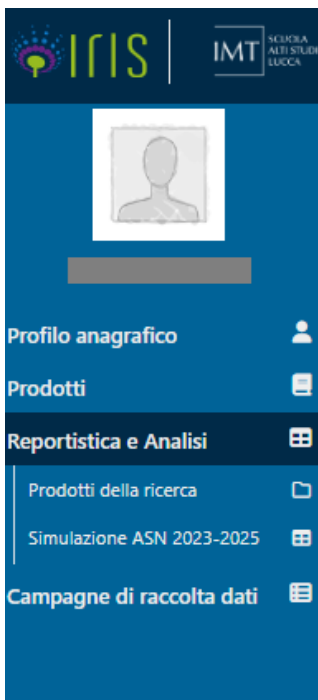
This functionality aims to improve the data quality of publications deposited in IRIS by retrieving identifiers from Scopus for publications that lack them.

Once the search for potential associations is launched, Scopus processes the information received and performs a search on its database. The search process triggered by Scopus can be called a "cascade" process: an initial search by "eid" (Scopus identifier) is launched; if the search result is negative, a search by "pmid" (PubMed identifier) is triggered, if again the search does not provide results, a new search by Doi identifier is launched, and so on.

For each linking proposal, the author can associate or not associate the publication record with the retrieved Scopus identifier.

Pubblicazione	Responsabile del dato	dipartimento	identificativo attuale	identificativo recuperato	servizio	identificativo recuperato già esistente	modalità riconoscimento	info	Operazioni
A computational model of ant nest morphogenesis 4.1 Contributo in Atti di convegno (2011)		I.M.T. (Istituzioni, Mercati, Tecnologie) Alti Studi;		2-s2.0-85153104087	SCOPUS A computational model of ant nest morphogenesis cp (2011)		titolo, anno		 accetta associaz

ASN Simulation



IRIS allows you to calculate values for ASN indicators in relation to the thresholds of your own (or other, to be selected) SC/SSD.

To access your simulation simply click on the **Reporting and Analysis** item in the menu on the left, then **ASN Simulation**.

N.B.: the reliability of the simulation depends on the completeness and update of the bibliographic data deposited in IRIS.

Figura 4. ASN Simulation in the menu

The screen will show the thresholds related to your SC/SSD and the fulfilment of the criteria for each role in a summarized version. For each time range, you can download the full report and the list of publications considered for counting.

If you want to check the fulfilment of the requirements relative to another SC/SSD, you can select it manually. The values will be recalculated according to the chosen field.

Range temporale simulazione	ha i requisiti da professore di seconda fascia	ha i requisiti da professore di prima fascia	ha i requisiti da commissario	azioni
2008/2013/2018-2023	SI	SI	SI	download report download pubblicazioni
2009/2014/2019-2024	SI	SI	SI	download report download pubblicazioni

Informazioni

in questa sezione è possibile imputare manualmente il settore concorsuale e scientifico disciplinare e visualizzare il report generato. Una volta generato il report verrà mantenuto nel sistema e i dati in esso verranno aggiornati secondo le tempistiche standard.

SC e SSD imputati manualmente

Affiliazione - Settore Concorsuale

compilare il settore SC

[genera report](#)

Figura 5. ASN Simulation screen

Please note that the only source of bibliometric data used by IRIS to calculate requirements is Scopus, as the IMT School does not have a subscription to Web of Science.

Downloading reports

To view detailed bibliometric data for each publication, we recommend using the following reporting functions: **List of Publications** and **Indexes on Publications**.

The screenshot displays the IRIS system interface for the 'List of Publications' report. The left sidebar contains a navigation menu with the following items: 'Profilo anagrafico', 'Prodotti', 'Reportistica e Analisi', 'Prodotti della ricerca', 'P.0.1 Elenco delle pubblicazioni', 'P.0.2 Indici sulle pubblicazioni' (highlighted with a red circle), and 'Simulazione ASN 2023-2025'. The main content area is titled 'Home / Indici sui prodotti della ricerca' and features a search bar and navigation controls. Below these are several filter sections: 'Colonne da estrarre' with a list of bibliometric indicators like 'conteggio pubblicazioni', 'conteggio fulltext allegati', and 'valore medio di scopus: citazioni totali'; 'Tipologia di metadati da estrarre' with options like 'misti: ultimi dati inseriti, non necessariamente approvati'; 'Anno di pubblicazione' and 'Anno Ahead of Print' with input fields; and 'Tipologia (collezione)', 'Handle (della versione master)', 'Titolo', 'Sottotipologia', 'loginmiur: Tipologia MIUR', and 'Status di validazione' with corresponding input fields. A note at the bottom of the filter section states: 'Se vengono indicati valori diversi per "Anno di pubblicazione" e "Anno Ahead of Print" verranno filtrate pubblicazioni che soddisfino ad ALMENO UNA delle seguenti condizioni: l'anno di pubblicazione è tra quelli indicati nel relativo filtro; l'anno Ahead of Print è tra quelli indicati nel relativo filtro'.

Figura 6. List of publication screen

With the **Publications List** report, you can download in detailed form all your publications, both deposited bibliographic data and bibliometric data extracted from Scopus (citations, self-citations, SNIP quartiles and percentiles, SJR and Citescore).

Indexes in publications report provides some counts and values on all or part of the research output.