

# Measuring the reach of your publications using Scopus

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Parts of this guide are based on resources from MyRi: <http://www.ndlr.ie/myri/>



## Part 1: Introduction

Bibliometric analysis is becoming an increasingly important way to measure and assess research impact of individuals, groups of individuals or institutions. Scopus is one of the tools you can use to gather/produce bibliometric data.

This guide aims to show you how to find key bibliometric data about your publications, using Scopus. If you are looking for bibliometric data about another author the same instructions apply.

If you would like to know more about what bibliometrics is, why you may want to use bibliometrics, what the main metrics are, what tools are available to gather bibliometric data and what the limitations of bibliometrics are, please refer to the Bibliometric webpages:

<https://library.leeds.ac.uk/researcher-bibliometrics-about>.

## What is Scopus

Scopus is a subscription based citation database of peer reviewed literature from more than 21,000 journals, 40,000 books, 6.5 million conference papers and 24 million patents. The coverage of social sciences is broader than Web of Science. At present, citation data is only available from 1996 onwards. Scopus is an Elsevier product.

It must be kept in mind that Scopus only includes citations after 1996. This has a big impact on citation data and metrics for authors with careers pre-dating 1996. For such authors the h-index in Scopus does not adequately represent their body of work – anything cited that is pre 1996 is discarded from the citation counts and h-index calculation. In this case you may prefer to use another citation tool such as Web of Science or use a combination of tools (see 'Alternatives to Scopus' section).

When using Scopus you will only be able to gather or produce bibliometric data based on the content contained in Scopus. Therefore you should never just rely on using Scopus when gathering bibliometric data. See the 'Alternatives to Scopus' section below for more information on other tools you can use to gather bibliometric data.

## Research metrics available in Scopus

The following key metrics are available in Scopus; these will be discussed in more detail later:

- **Scholarly output:** Measures the total number of outputs published by an individual researcher, a group of researchers or an institution. It measures productivity rather than impact.
- **Citation counts:** Measures the number of citations received by an individual researcher or research output.
- **H-index:** Measures the productivity and impact of a researcher's outputs. It is based on the number of publications they have produced as well as the number of citations their publications have received.

## Alternatives to Scopus

You should never just rely on one single tool when you are gathering bibliometric data. Results can vary depending on the tools used because the content covered by each tool varies, as does the depth of coverage and discipline coverage. You may want to consider using some of the following tools when you are gathering bibliometric data to measure the reach of your publications:

- **SciVal:** SciVal is a subscription based research performance assessment tool which uses data from Scopus. SciVal provides more advanced bibliometric measures than those available in Scopus. SciVal also allows you to benchmark individual researchers, groups of researchers and institutions based on a variety of different metrics.
- **Web of Science:** Web of Science is a subscription based citation database of more than 12,000 journals and over 160,000 conference proceedings. Coverage includes science, social science and arts and humanities dating back to 1900. Web of Science is a Thomson Reuters product.
- **Discipline specific databases:** There are also other discipline specific databases such as Medline, Business Source Premier etc which provide citation data but they do not provide as many different metrics as Web of Science, Scopus and SciVal.

## Part 2: Finding bibliometric data about your publications

This section will show you how to find key bibliometric data about your publications, using Scopus.

### Accessing Scopus

- Go to the Library homepage at <http://library.leeds.ac.uk/>.
- Type Scopus into the Library Catalogue search box and click on search.
- From the results page, click on Scopus.
- Depending on where you are (e.g. off campus), you may be required to log in with your ISS username and password.

### Author Profile page (publication counts, citation counts and h-index)

From the Author Profile page you can view the number of your publications indexed in Scopus, your citation counts and your h-index.

- Click on the 'Author search' tab
- Enter your last name, initial and institution in the search boxes and click on the search button
- If you have an ORCID iD then enter it in the ORCID box

Document search | **Author search** | Affiliation search | Advanced search [Browse Sources](#) [Compare journals](#)

Barlow × R ×  ?

Aarhus Universitet ×  Show exact matches only

ORCID... e.g. 1111-2222-3333-444x

Limit to:

**Subject Areas**

Life Sciences  Physical Sciences

Health Sciences  Social Sciences & Humanities

- Click on your name in the lists of results to view your author profile:

	<b>Barlow, Roger</b>	1185 Physics and Astronomy ; Mathematics ; Engineering ; ...	Aarhus Universitet	Aarhus	Denmark
1	Barlow, R. J. Barlow, R. Barlow, R.J				

**Note:**

- You may have more than one author profile in Scopus due to name formatting differences or past institutional links. Therefore you should try to search for all the variations of your first and middle names and any affiliations you have been linked with to ensure you find all the author profiles associated with you.
- If you find there is more than one author profile associated with you then you can ask Scopus to merge the profiles together:
  - Tick the checkbox next to each profile that belongs to you
  - Click on 'Request to merge authors', above the list of results
- Once you have merged your author profiles click on your name in the list of results to view your author profile.

- You will now be presented with the Author Profile page.
- The Author Profile page gives you a variety of metrics:
  - **Scholarly output:** the total number of your publications indexed in Scopus. This metric measures productivity.
  - **Citation counts:** the total number of citations your outputs have received each year and the total number of citations each of your individual outputs have received.
  - **H-index:** the h-index is based on the number of publications you have produced as well as the number of citations each of your outputs has received. An author has an h-index of 15 if they have published 15 papers, each of which has been cited 15 times.

The screenshot shows a Scopus Author Profile page for an author with 1185 documents and an h-index of 78. The page includes a summary of metrics, a list of publications, and a bar chart showing annual citation counts. Red callout boxes highlight the following elements:

- Your scholarly output indexed in Scopus:** Points to the 'Documents: 1185' metric.
- Your H-index:** Points to the 'h-index: 78' metric.
- Your scholarly output and total citation counts per year:** Points to the bar chart showing 'Documents' (blue bars) and 'Citations' (red line) from 2006 to 2016.
- List of your publications with details of citation counts:** Points to the table of publications.

Publication Title	Year	Citation Count
Induced activation in accelerator components	2014	0
Clarke, J.A., Angal-Kalinin, D., Bliss, N., (...), McNeil, B.W.J., Paramonov, V.V.	2014	4
Transition	2014	8

## Author Output page (document types, subject areas and co-authors)

The Author Output page gives you more detailed information about your publications, h-index and citations.

- From the Author Profile page click on 'Analyze author output':

**Barlow, Roger** About Scopus Author Identifier | View potential author matches  
 Aarhus Universitet, Aarhus, Denmark Other name formats: Barlow, R. J., Barlow, R., View More  
 Author ID: 36039377800

Documents: 1185 Analyze author output  
 Citations: total citations by 15440 documents View citation overview  
 h-index: 78 View h-graph  
 Co-authors: [150](#) (maximum 150 co-authors can be displayed)  
 Subject area: Physics and Astronomy, Mathematics [View More](#)

- You will be presented with the Author Output page which gives detailed information about document sources, document types, subject areas and co-authors:

**Documents (1185)** | h-index (78) | Citations (33381) | Co-authors (150)

by source | by type | by year | by subject area

Source	Documents
Physical Review D Particles Fields...	334
Physical Review Letters	220
European Physical Journal C	134
Zeitschrift Fur Physik C Particles a...	123
Physics Letters B	115
Physics Letters Section B Nuclear...	114
Journal of High Energy Physics	27
Physical Review D	11
Proceedings of the IEEE Particle A...	10
Nuclear Instruments and Methods i...	9
23rd International Symposium on L...	9
Nuclear Inst and Methods in Physi...	9
Ipac 2012 International Particle Ac...	7
Ipac 2013 Proceedings of the 4th I...	7
Ipac 2014 Proceedings of the 5th I...	6

**Documents by source**

- Physical Review... (28.2%)
- Physical Review... (18.6%)
- European Physic... (11.3%)
- Zeitschrift Fur... (10.4%)
- Physics Letters... (9.7%)
- Physics Letters... (9.6%)
- Journal of High... (2.3%)
- Physical Review... (0.9%)
- Proceedings of ... (0.8%)
- Nuclear Instrum... (0.8%)
- Other (7.4%)

Breakdown of where you most frequently publish

## Citation Overview page (list of publications and citation details)

The Citation Overview page displays a list of your publications with details of how many citations each of them has attracted in different years and in total.

- From the Author Profile page click on 'View citation overview':

**Barlow, Roger** [About Scopus Author Identifier](#) | [View potential author matches](#)  
 Aarhus Universitet, Aarhus, Denmark Other name formats: [Barlow, R. J.](#)  
[Barlow, R.](#)  
[View More](#)  
 Author ID: 36039377800

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Documents: 1185  
 Citations: total citations by 15440 documents  
 h-index: 78

Co-authors: [150](#) (maximum 150 co-authors can be displayed)  
 Subject area: [Physics and Astronomy](#), [Mathematics](#) [View More](#)

[Analyze author output](#)  
[View citation overview](#)  
[View h-graph](#)

- You will be presented with the Citation Overview page:

Date range: 2010 to 2014

Exclude self citations of selected author  
 Exclude self citations of all authors  
 Exclude Citations from books

Edit the data for this graph and the citation table below. [Update](#)

### Documents

### Citations

Sort on: [Date \(newest\)](#) [Citation count \(descending\)](#)

		<2010	2010	2011	2012	2013	2014	Subtotal	>2014	Total
	Total	16296	1788	1658	2031	2204	1186	8867	1	25164
1	The BABAR detector	2002	752	72	82	65	53	21	<b>293</b>	<b>1045</b>
2	Precision electroweak measurements on the Z resonance	2006	131	74	57	67	79	51	<b>328</b>	<b>459</b>
3	Observation of a narrow meson state decaying to Ds + pi0 at a...	2003	326	27	26	24	17	6	<b>100</b>	<b>426</b>
4	Search for neutral MSSM Higgs bosons at LEP	2006	148	64	74	75	44	16	<b>273</b>	<b>421</b>
5	Observation of CP violation in the B0 meson system	2001	290	7	5	17	17	8	<b>54</b>	<b>344</b>
6	Measurement of the CP asymmetry amplitude sin2beta with B0 meso...	2002	251	2	3				<b>5</b>	<b>256</b>
7	The detector simulation program for the OPAL experiment at L...	1992	243	1	1	3	1		<b>6</b>	<b>249</b>
8	Measurement of the strong coupling constant as and the vecto...	1999	181	20	12	11	15	7	<b>65</b>	<b>246</b>
9	Experimental studies on multijet production in e+e- annihila...	1986	174	5	6	5	1	4	<b>21</b>	<b>195</b>
10	Experimental investigation of the energy dependence of the s...	1988	160	6	4	2	5	1	<b>18</b>	<b>178</b>
11	Study of the B- -> J/psi K -pi+pi- decay and measurement of the B ...	2005	147	7	8	3			<b>18</b>	<b>165</b>
12	Measurement of branching fractions and CP-violating charge a...	2006	142	1	1				<b>2</b>	<b>144</b>
13	Evidence for D0-D0 mixing	2007	102	4	9	13	5	3	<b>34</b>	<b>136</b>
14	Evidence of a broad structure at an invariant mass of 4.32Ge...	2007	55	46	17	7	4	4	<b>78</b>	<b>133</b>

- You can tick the exclude 'self-citations of selected author' checkbox to remove self-citations from the citation data.
- You can sort your outputs by the date of publication (newest or oldest) or by citation count (ascending or descending).
- Click on any of the citation counts to view the list of the citing documents for that period.

### Further help

- For further detailed help on using Scopus in general please visit the Scopus Training Desk: <http://trainingdesk.elsevier.com/products/scopus>

- For further information on bibliometrics please see our bibliometric support pages: <https://library.leeds.ac.uk/researcher-bibliometrics-about>
- If you cannot find the answer through the resources above, you can contact the Scholarly Communications and Researcher Skills (SCoReS) Team on [research@library.leeds.ac.uk](mailto:research@library.leeds.ac.uk)

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