

Research Impact

H-index

Citations



H index

What is the h-index?

I propose the index h , defined as the number of papers with citation number equal to or greater than h , as a useful index to characterise the scientific output of a researcher (Hirsch, 2005)

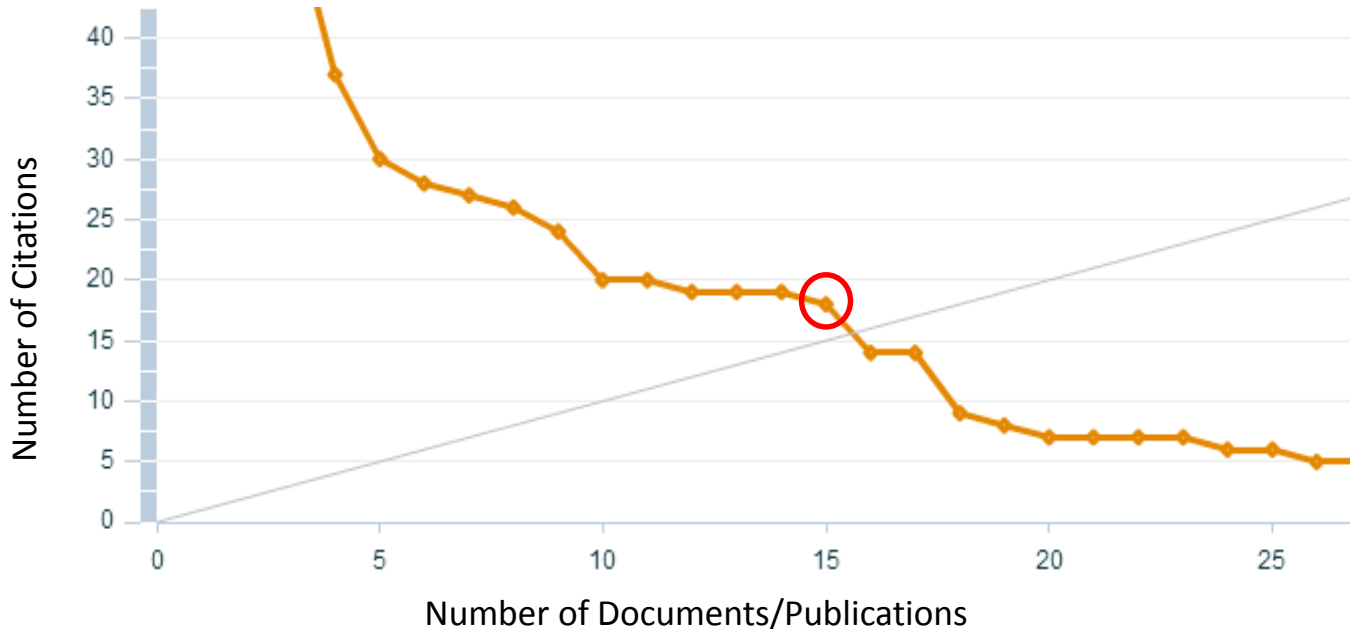
H index

The h index takes into account two things:

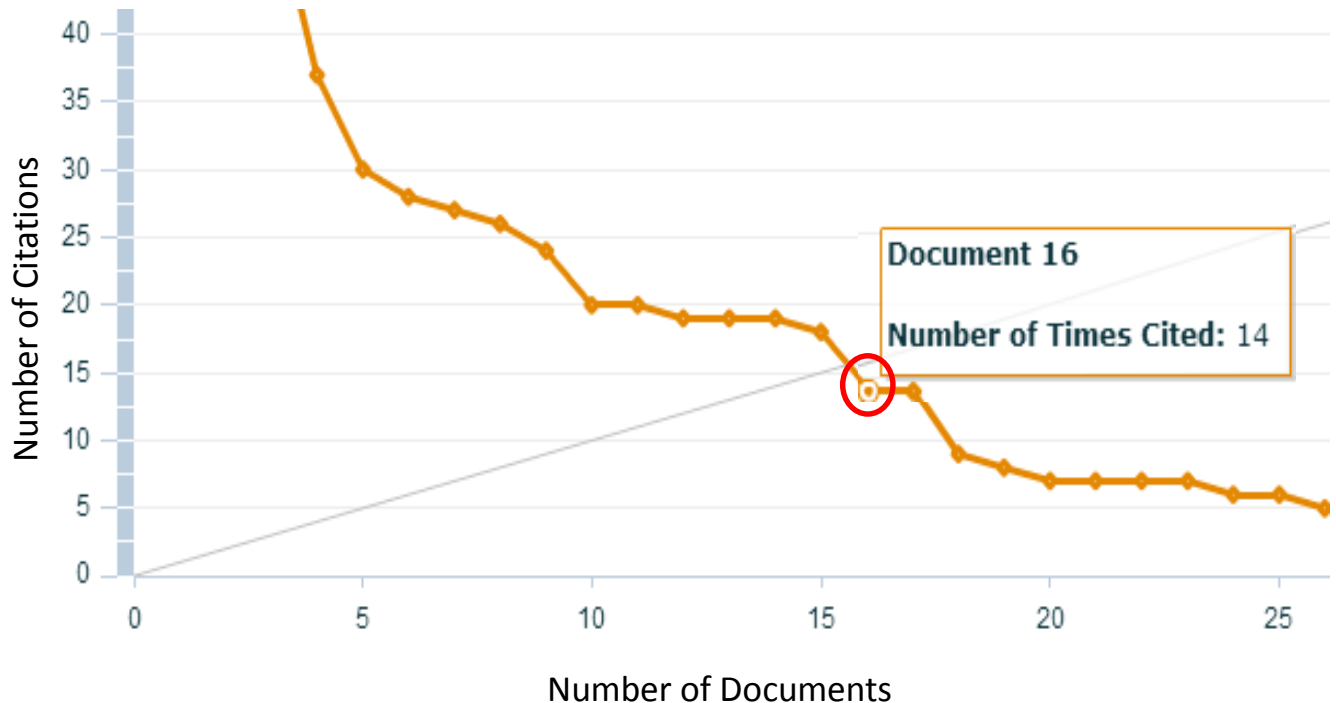
1. The researcher's PRODUCTIVITY (number of publications a researcher has produced)
2. The IMPACT of that researcher's publications (how many citations the researcher's publications have received)

Example

This author's h index is highlighted by the red circle. This represents the point where at least h number of papers have been cited at least h times each. In this example, the h-index is 15. That is, 15 papers have been published by this author which themselves have each been cited at least 15 times.



Why isn't the h index 16? Or higher? As you can see, the 16th document has only been cited 14 times. This document would need to be cited 16 times in order for the h index to increase to 16. Further, it is also necessary that the first 15 documents have also be cited at least 16 times each.



How do I find my h-index?

Although you can manually calculate a researcher's h index by gathering a list of all their publications, listing them in order of citation counts and then finding the point at which the highest number of papers (h) have been cited at least h times each, a number of research databases will calculate the h index for you!*

1. Scopus
2. Web of Science
3. Google Scholar...

via Scholar Profile or 'Publish or Perish'

*Note: h index may vary slightly depending on source (e.g. WOS, Scopus, Google Scholar)

1. Scopus

Steps:

1. Do **Author** search
2. Click on author's name in the search results
3. H index is provided underneath the **Research** heading (a number of other indicators of research output are also provided here)

See video (1.4 mins):

<https://www.youtube.com/watch?v=xqU6uK4IWwo>

2. Web of Science

Steps:

1. Search for researcher name and select **Author** from drop down menu
2. Click **create citation report**

See video (6 mins)

<https://www.youtube.com/watch?v=7qssEKTHQII&list=PLM1kuGdwRdGmuLNfYwjtj0cq1tn6jljV>

3. Google Scholar

Two ways to get a researcher's h index in Google Scholar:

1. **Google Scholar Profile** (you need to create one)
2. If no scholar profile, download **Publish or Perish** and use it to calculate your h-index using Google Scholar data

Google Scholar

Option 1: Google Scholar Profile

1. Go to Google scholar and create your own Scholar Profile by clicking on My Citations at the top of the screen
2. Google Scholar will prompt you to add your publications. Once you add your publications, scholar will automatically calculate your h-index

Option 2: via Publish or Perish

1. Download Publish or Perish software to your computer
2. Open Publish or Perish
3. Search for your name in the **author's name** field
4. Click **lookup**