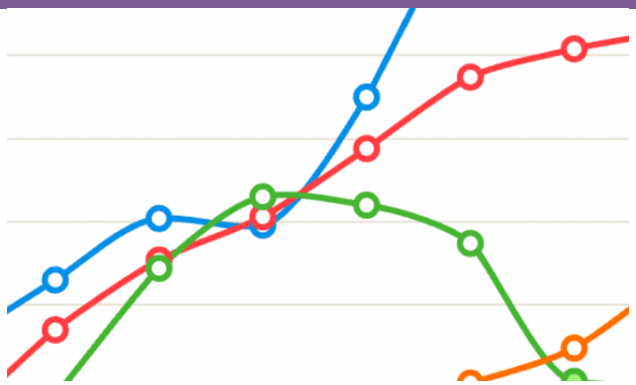
H-INDEX

RESEARCH PERFORMANCE MEASUREMENT



WHAT IS H-INDEX

Short form for highly cited index.
This index was developed in 2005 by Jorge Hirsch.
It is a way of measuring the impact of an author's research by the number of times their articles have been cited.

FORMULA

A scientist has index h if h of his or her NP (number of papers) papers have at least h citations each and the other (NP – h) papers have fewer than h citations each

EXAMPLE

Lecturer A published 24 papers which are ranked in descending citation order.

Article rank position	1	2	3	4	5	6	...	→	22	23	24
Citation Count	15	10	8	7	5	4	...	→	0	0	0

Lecturer A has an h-index 5 if 5 of his 24 papers have at least 5 citations each

DATABASES THAT CAN CALCULATE H-INDEX

SCOPUS
an abstract and citation database that has stored and analyzed millions of publications including journal articles, as well as conference proceedings and books.

GOOGLE SCHOLAR
Citation Profile - creates an h-index for you.

WEB OF SCIENCE
multi-disciplinary citation database of peer-reviewed literature with tools to track, analyze and visualize research

PUBLISH OR PERISH
software program that retrieves and analyzes academic citations. It uses Google Scholar to obtain the raw citations, then analyzes these

SCHOLAROMETER
an add-on tool on either Chrome or Firefox which allows authors to extract their own bibliographic data, curate it, annotate it and export it to other tools or share it