NOVA MEDICAL LIBRARY

SCIENTIFIC OUTPUT METRICS

HAVE A NEW PUBLICATION?
REMEMBER THE CORRECT AFFILIATION!

Most commonly used metrics:

- Publication count;
- Citation count;
- h-index;
- Journal impact factor;
- Quartile;
- FWCI.

PUBLICATION COUNT

# of publications in a certain period of time, by a researcher, research unit, institution,...

It includes several types of documents: Article; Letter; Review article; Book/Film/Article review; Conference Article; Conference contribution; Book; Chapter; Editorial activity.

CITATION COUNT

# of times a document has been cited

The number of citations is not an indicator of the quality of a scientific publication but it does reflect the impact it has on the academic and scientific community.

H-INDEX

measures the impact of a particular scientist

It is defined as the highest number of publications of an author that received *h* or more citations each while the other publications have not more than *h* citations each. For example, an author with an *h*-index of 5 had published 5 papers, each of which has been cited by others at least 5 times. An individual's *h*-index may be very different in different databases because the databases index different journals and cover different years.

JOURNAL IMPACT FACTOR

measure of the frequency with which the average article in a journal has been cited in a particular year

A journal impact factor is a calculation based on a two-year period and is calculated by dividing the number of citations in the Journal Citation Reports (JCR) year by the total number of articles published in the two previous years.

QUARTILE

comparison of a journal with others within its category

The quartile is obtained by dividing the total number of journals in a category by 4, allowing its classification into Q1, Q2, Q3 and Q4. If a magazine belongs to Q1, it means that it performs better than at least 75% of the journals in that same category.

FIELD-WEIGHTED CITATION IMPACT (FWCI)

average # of citations received in relation to the global average of expected citations for that subject area, publication type and year

The global average number of citations normalised is 1, so 1.06 means 6% more citations, above the global average.

FIND OUT AT THE END OF JUNE THE NMS BIBLIOMETRIC REPORT

NOVA MEDICAL SCHOOL

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