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Article-Level Citation Metrics				
These metrics can be used as indicators of the performance of individual articles or publications.				
Metric	Brief Description	Data Source(s)	Access via	Field-Weighted*
Citation Count	Number of citations to the document captured within the data source.	Scopus, Web of Science, Google Scholar	Scopus , Web of Science , Google Scholar	No
Field-Weighted Citation Impact (FWCI)	Measure of how well cited a document has been relative to the world average of documents of a similar type, year of publication, and discipline. An FWCI of 1.00 indicates that the document has been cited as expected based on the global average.	Scopus	Scopus	Yes
Citation benchmarking percentile	Measure of how well cited a document has been relative to the average for documents of similar type, date of publication, and field of research within an 18 month period. A document in the 99 th percentile is in the top 1% globally.	Scopus	Scopus	Yes

Author-Level Metrics				
These metrics can be calculated for whole-career or across a specific time period. Many can also be calculated for all subjects or specific FoR codes .				
Metric	Brief Description	Data Source(s)	Access via	Field-Weighted*
Scholarly output	The total number of documents attributed to an author.	Scopus, Web of Science, Google Scholar	Scopus , Web of Science , Google Scholar	No
Total citation count	The total number of citations received by documents attributed to an author. Can be calculated with and without self-citations.	Scopus, Web of Science, Google Scholar	Scopus , Web of Science , Google Scholar	No
Citations per publication	The average number of citations received by an author's publications.	Scopus, Web of Science	SciVal , Web of Science	No
Field-weighted citation impact (FWCI)	Measure of how well cited an author's publications have been relative to the world average of publications of similar type, year of publication, and discipline. An FWCI of 1.00 indicates that the author's publications have been cited as expected based on the global average.	Scopus	SciVal	Yes
Category-normalised citation impact (CNCI)	Number of citations received by an author divided by the expected citation rate for publications of the same document type, publication year, and subject area. A CNCI of 1.00 indicates citation performance at par with world average.	Web of Science	InCites	Yes
H-Index	Whole-career measure of the productivity and impact of an author's publications based on the total number of publications and citations received per publication.	Scopus, Web of Science, Google Scholar	Scopus , Web of Science , Google Scholar	No
H5-Index	The h-index calculated for the past 5 years, rather than a whole career.	Scopus	SciVal	No

Publications in top journal percentiles	The proportion of an author's documents that have been published in most-cited journals, ranked by journal-level metrics such as Source-Normalized Impact Per Paper or SCImago Journal Rank. Can be calculated based on the top 1%, 5%, 10% or 25% of journals.	Scopus	SciVal	No (May use field weighted metric for ranking)
International collaboration	The proportion of an author's documents that feature international collaboration, calculated from co-author affiliations.	Scopus	SciVal	No
i10-Index	Number of an author's publications with at least 10 citations.	Google Scholar	Google Scholar	No

Journal-Level Metrics				
Rankings based on these metrics can be used to compare journals.				
Metric	Brief Description	Data Source(s)	Access via	Field-Weighted*
Journal Impact Factor (JIF)	The number of citations to the journal within the most recent reported year to items published in the previous two years, divided by the number of scholarly items published in the previous two years.	Web of Science	Journal Citation Reports, Web of Science	No
SCImago Journal Rank (SJR)	Based on the average citations within one year to a journal's publications from the previous three years, adjusted to account for both the journal field and a measure of the prestige of citing publications.	Scopus	Scopus, SCImago Journal and Country Rank	Yes
Source Normalized Impact Per Paper (SNIP)	A ratio of a measure of citations received by a journal to the expected number of citations based on the journal's subject area. Takes into account citations in one year to publications from the previous three years.	Scopus	Scopus	Yes
CiteScore	Elsevier metric calculated from the number of citations received by a journal over four years, divided by the number of documents of the same type published in the journal over the four years.	Scopus	Scopus	No
Eigenfactor Score	Calculated from the number of citations to items published in the past five years in the reporting year, adjusted to account for how highly cited the citing journals are. Citations from the same journal a paper is published in are removed.	Web of Science	Journal Citation Reports	Yes
5-Year Impact Factor	The average number of citations to items published in the previous five years within the reported year.	Web of Science	Journal Citation Reports, Web of Science	No
% Documents Cited	The percentage of publications that have been cited at least once.	Web of Science	InCites	No

***Field-Weighted**

Accounts for disciplinary differences in citation patterns