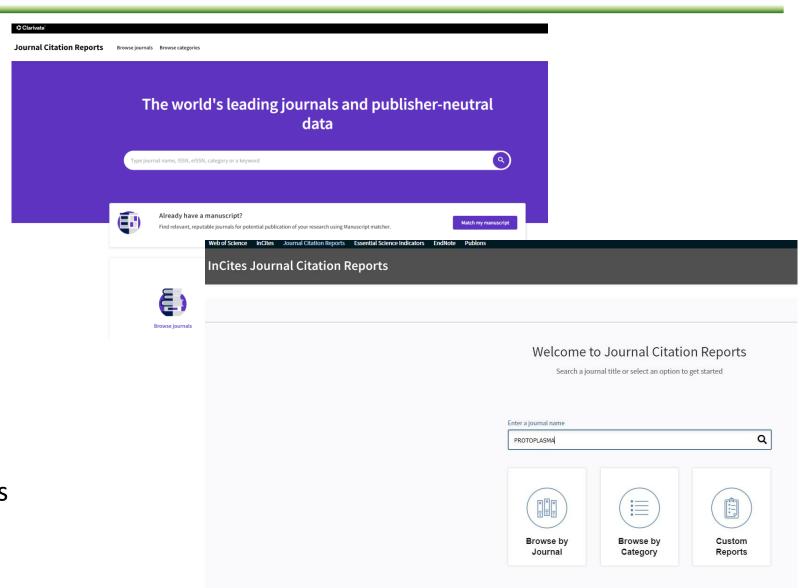
Journal Citation Reports - one of the database of Web of Knowledge of the **Institute for Scientific Information** (ISI). Journals from all scientific fields are included and evaluated.

http://isiknowledge.com/

The comparison is largely mainly based on the impact factor (IF), i.e. the average number of citations per article within past two years. **Higher impact factor** usually reflects better quality and higher impact in the scientific community.





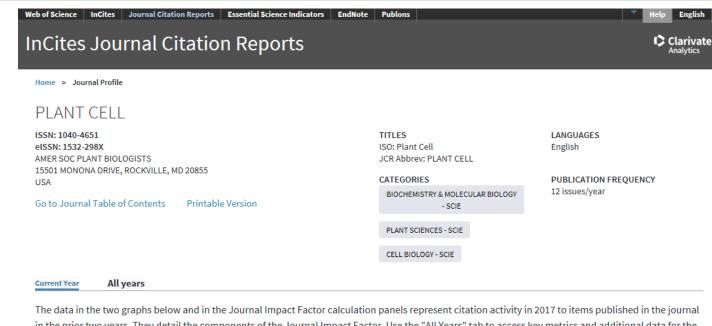




There are also several other factors with kind of improved validity for comparison between research fields, like **Eigenfactor** calculated from 5year impact factor and considering also the scope of journals, where the citations appear.

Very often, journals are evaluated based on their ranking in individual quartiles of IF or Eigenfactor.

Good researchers are **pushed to** publish only in the best quartile or even decile.



in the prior two years. They detail the components of the Journal Impact Factor. Use the "All Years" tab to access key metrics and additional data for the current year and all prior years for this journal.



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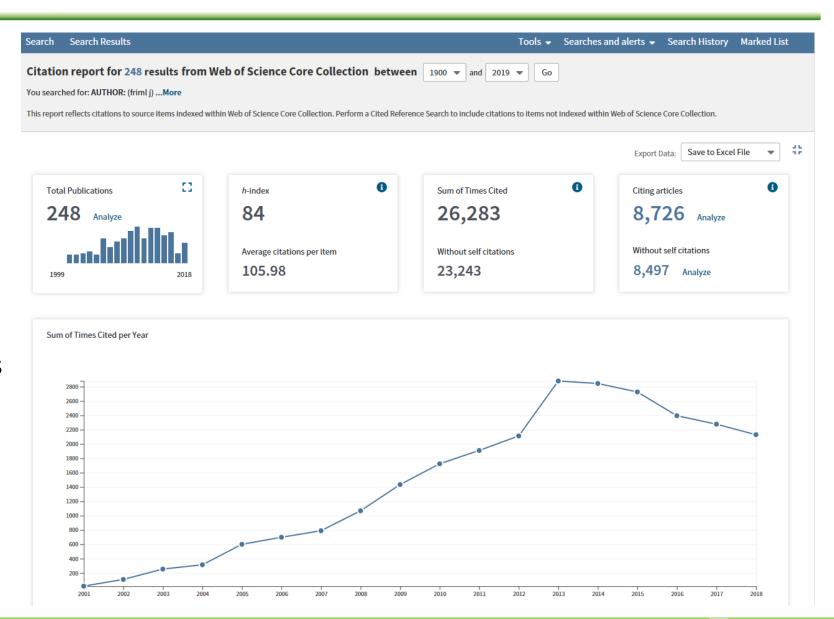


Scientometry is also used for the evaluation of the quality of individual researchers.

Hirsch index (h), introduced by J. Hirsch in 2005 is often used.

A researcher has an **h-index**, if he/she has published at least h publications for which he/she has received at least h citations.

h index could be found in WOS and Scopus databases.



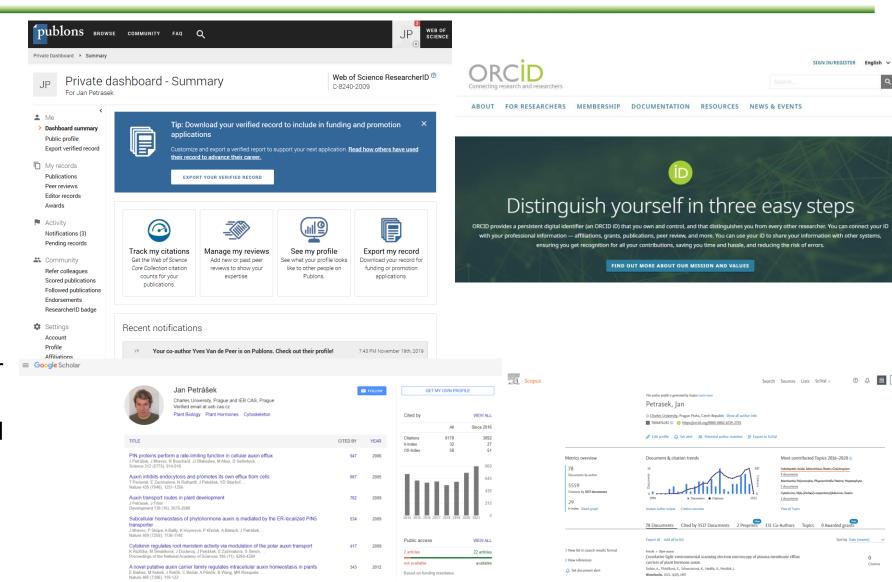




Citation profile for individual scientists could be found using author search using ISI WOS, Scopus or Google Scholar

Individual researcher are responsible for keeping their publication record up to date using following services:

- 1) Publons (formerly researcher ID, ISI WOS)
- 2) ORCID (Open Researcher and Contributor Identifier)
- 3) Google Scholar (User Profiles)
- 4) **Scopus** (Citation overview)





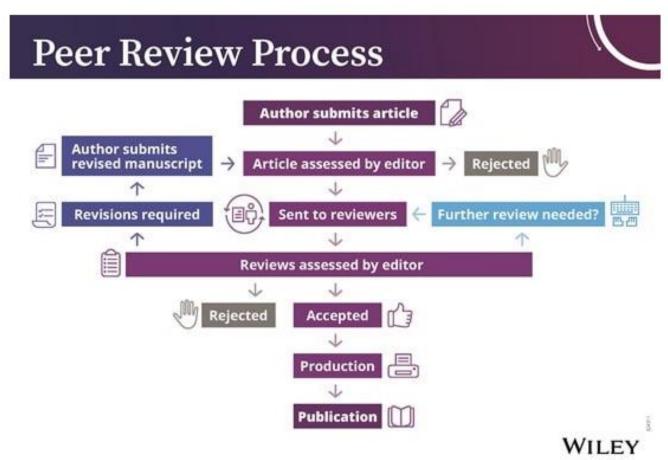




3.5. Peer review process

Who is included in the peer review process?

Authors, reviewers, and editors



How peer review works? From article submission to publishing - YouTube





3.5. Peer review process

Example of the process from the positions of the author, reviewer and editor

