Web of Science (formerly Science Citation Index)

- Major Scientific Coverage
- Cited Author/Work Searching
- Keyword/Author/Title Searching
- Cited References
- 1945 - Present
- Address for All Authors

Science Citation Index Expanded 1945 - Present
A multidisciplinary database, with searchable author abstracts, covering the journal literature of the sciences, it indexes more than 5,700 major journals across 164 scientific disciplines, covering approximately 2,100 more journals than its SCI print and CD-ROM counterparts, with all cited references captured. Many of the citations link to the full text article.

Journal Citation Reports

- Highest Impact Journals
- Hottest Journals
- Most Frequently Used Journals
- Largest Journals
- Search for a specific journal
- Search by Subject Areas

The Journal Citation Reports is an essential, comprehensive, and unique resource for journal evaluation, using citation data drawn from over 8,400 scholarly and technical journals worldwide. Coverage is both multidisciplinary and international, and incorporates journals from over 3,000 publishers in 60 nations.

Impact Factor
The journal impact factor is a measure of the frequency with which the "average article" in a journal has been cited in a particular year. The impact factor will help you evaluate a journal’s relative importance, especially when you compare it to others in the same field.

The impact factor is calculated by dividing the number of current citations to articles published in the two previous years by the total number of articles published in the two previous years.
Exercise 1:

General Search

Find citations to articles published in the last 5 years that discuss the use of Botox (botulinum toxin type A) for Migraines (headache.)
Try using both botox and botulinum toxin and note the difference in the retrieval.

Exercise 2:

Cited Author Search

Find the number of times the published works of the author JC Mulley have been cited.

Exercise 3:

Cited Work Search

Find the citation to the article that cites the paper published by JC Mulley in the journal Genetics in 1995.

Exercise 4:

Cited Work Search

Find the number of times this paper was cited:
Blaser MJ. Adv Internal Med 1996

How would you find this cited paper if the author’s middle initial was unknown?