



Journal Citation Reports

Quick Reference Sheet

Journal Citation Reports (JCR) Science Edition is available NOAA-wide and allows you to evaluate and compare journals using citation data drawn from 5,928 journals in 171 subject areas in the science field. JCR can show you:

- Most frequently cited journals in a field
- Highest impact journals in a field
- Largest journals in a field

Accessing JCR

NOAA scientists and researchers can access MGA from their workstation desktops.

1. From the library homepage at <http://lib.ncep.noaa.gov>, select “Databases and Electronic Resources” from the left-hand menu.
2. Scroll down to “Journal Citation Reports” and click on this link.

To compare all journals in a specific subject area

1. From the JCR homepage, select the option to “View a group of journals by subject category” and click submit.
2. Highlight the subject area that you are interested in (to select more than one category, use Ctrl-click for Windows or Command-click for Macintosh) and click submit. This will give you a listing.
3. Click on journal name for more information about that specific title, including publication information and journal source data.

A guide to terms

1. **Total cites**: total number of citations to this journal in 2006
2. **Impact factor**: the number of citations in 2006 to items published in the previous 2 years divided by the total number of articles & reviews published in the previous 2 years
3. **Immediacy index**: how often articles published in a journal are cited during their year of publication, can be an indication of how “hot” a journal is
4. **Cited Half Life**: median age of articles in this journal that were cited in 2004
5. **Citing Half Life**: median age of articles cited by the selected journal in its article references