Journal Impact Factor

Eigenfactor:
- Measures journal price as well as citation influence.
- Ranks scholarly journals as well as newspapers, theses, popular magazines, etc.
- Uses structure of the entire network to evaluate the importance of each journal, cutting across all disciplines.
- Calculations based on citations received over a 5-year period.
- Excludes self-citations.
- Free at eigenfactor.org.

Journal Citation Reports (JCR):
- Provides quantitative tools for ranking, evaluating, categorizing, and comparing journals.
- Find IF of an individual journal title or journal subject groups.
- Provides 2-year and 5-year impact factors.
- The IF of a journal in a particular year is the number of citations received in the current year to articles published in the 2 preceding years divided by the number of articles published in the same 2 years.
- Now includes Eigenfactor score.

h-index:
- Quantifies the actual scientific productivity and apparent impact of a scientist.
- Based on the author’s most cited papers and the number of citations they have received from other articles.
- A scientist has index h if h of his/her Np papers have at least h citations each, and other (Np-h) papers have no more than h citations each.
- Access via Web of Science.

Author Impact Factor

Google Scholar (beta):
- Covers peer-reviewed papers, theses, books, abstracts, and other scholarly, and non-scholarly, literature from all broad areas of research.
- Unclear which resources are included.
- Use ‘Cited by’ link at end of search result.
- ‘The Cited by’ feature only includes resources indexed by Google Scholar.

Web of Science (WoS) Cited References:
- Use Cited Reference search.
- Indicates number of times the reference has been cited in all years of WoS, regardless of how many years searched.
- Analyze Results allows you to view rankings of the authors, journals, etc. for your set of results.
- Citing Article references may not include all known citations of the paper, just those in journals covered by WoS.

Problem:
Increasing number of questions on interpreting and determining impact factors of journals and researchers.

Objective:
Describe methods used to educate users on how to calculate impact factors using Journal Citation Reports (JCR), Eigenfactor, h-index, Journal-Ranking, Web of Science (WoS) and Google Scholar.

Solution:
1. Create a web page describing different resources to use to calculate impact factors: healthlinks.washington.edu/howto/impactfactors.html
2. Offer “What is your impact?” teaching sessions as part of library liaisons biennial marketing campaign:
   - Tailored to audience
   - Mix and match with other selected topics
   - 15 minutes to 1 hour in length
   - See marketing materials at healthlinks.washington.edu/hsl/liaisons/mla2009/impactfactors/

To view poster and accompanying materials see healthlinks.washington.edu/hsl/liaisons/mla2009/impactfactors/