

3/31/09

### Summary of Findings for Rainer Glaser's Cited Reference Search

Four resources were searched: **Google Scholar**, **Scifinder Scholar**, **Scopus** and **Web of Science (WoS)**

- **WoS** was best for tallying pre-1995 cited references. **Scifinder Scholar**, in most instances, was equivalent or better than **WoS** and **Scopus** for cited reference searching from 1995 to date, most likely due to the fact that **Scifinder Scholar** indexes more chemistry journals than the other three resources. Cited reference counts in **Scopus** and **WoS** after 1995 were very similar. Currently citation counts in **Google Scholar** are very low compared to **Scifinder Scholar**, **Scopus** and **WoS** except for journal titles in the social sciences.
- Your 137 articles were cited 1,927 times according to **WoS** (1987-2008).
- Your 137 articles were cited 1,969 times if you split the counts between **SciFinder Scholar** (1995-2008) and **WoS** (1987-1994)
- Our only access now to **WoS** is via a pay per search service. While conducting cited reference searches for you articles in **WoS**, I discovered that the cost per search is very high so it is not economically feasible for MU Libraries to routinely fund cited reference searching on **WoS** in the future. Cited reference searching could occasionally be performed on **WoS** when there is a particular need to get accurate cited reference counts for articles published before 1995. I can also get counts for older articles from our print and CD-ROM editions of **Science Citation Index** when necessary.
- For future counts, I would recommend using **SciFinder Scholar** or **Scopus** for articles published 1995 to date. You could search both and if the counts differ use the higher one.
- To update citation counts for pre-1995 articles, I would start with the figures from **WoS** that are current for 2008 and add them to the number of citing articles found by searching either **SciFinder Scholar** or **Scopus** in subsequent years. (eg. At the end of this year add the citing articles published in 2009 to the 2008 cited reference totals).
- Your H-Index has risen to 25 for 2008. It equals 25 whether you only use cited reference counts from just **WoS** or you combine cited reference counts from **WoS** (1987-1994) and **SciFinder Scholar** (1995-2008).

Notes regarding spreadsheet: The journal impact factors listed on your spreadsheet as well as the journal rankings are derived from 2007 data since the 2008 impact factors and journal rankings will not be available until later this year. Impact factors and journal rankings were obtained from the **Journal Citation Reports on Microfiche (Science Edition)**, 2007.

There were 3 articles of yours that I could not locate in **Scopus** that should have been in **Scopus**. I sent **Scopus** the pdf's for these articles and they will be added to the database later this year. I noted these articles with a NA\* in the column for **Scopus** cited reference counts.