



Citation Analysis: Transforming How Institutions View Their Publications



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Web of Science Analyze Results



- ✿ 8,700 science journals in SCI
- ✿ 36 million citations
- ✿ More complete and deeper coverage of years
- ✿ Analysis of 500 to 2,000 citations
- ✿ Institutional search results: 11,759 citations
 - ★ AD=(duke or (durham same nc) or 27710 Or 27708 or 27706 or 27705)
- ✿ Conduct search and then select analyze: subject category [department], author, years, journal title, document type,
- ✿ Unique to WOS: institution, language, country, bar graphs, cited reference search

Institutional Search, Sort by Most Cited

Analyze by Author, Institution, Journal, Year

Author Analysis: All Authors, Institutions, Journals



Scopus Citation Overview



- ✿ 5,900 life and health science journals
- ✿ 27 million citations
- ✿ Broader European coverage; incomplete and less depth of coverage for older years, pre-1996
- ✿ Citation analysis limited to 550 citations
- ✿ Institutional search results: 12,927 citations
 - ◇ AFFIL (duke OR "durham nc" OR "durham,nc" OR 27710 OR 27708 OR 27706 OR 27705)
- ✿ Immediate broad analysis of ALL citations from search by author, journal, subject category, year, publication type
- ✿ "Medicine" is the narrowest category, no specialties
- ✿ Create smaller list for detailed citation analysis

Institutional Search – Immediate Analysis

Limit by Author – Immediate Broad Analysis

Create Smaller List for Citation Overview



Comparison Strength/Weakness



- ✦ Both useful for recent citation analysis
- ✿ WOS better for older citation analysis
- ✿ Scopus better for European literature
- ✿ Scopus provides immediate broad analysis
- ✿ WOS provides powerful detailed analysis
- ✿ Scopus detailed analysis is limited
 - Sort by citation title and by years
- ✿ WOS is better for analysis by subject category
 - Scopus limited to "Medicine" for medical specialties
- ✿ Similar citation results

Authors	WOS	Scopus
Lefkowitz	52	54
Califf	127	129
Heitman	64	66

Usefulness as Administrative Tool

- ✦ Scopus for quick look at faculty productivity, publication record
- ✦ WOS for detailed analysis about with whom faculty work and areas of focus
- ✦ WOS better for impact of work through analysis of cited reference search

