BIBLIOMETRICS

- Determining journals earning DHET subsidies
  - predatory publishing
- Determining the “best” journals in your field
  - impact factors
  - other metrics
- Determining prolific authors in a field
- Researcher profiles: $h$-index
DETERMINING JOURNALS EARNING DHET SUBSIDIES

- Department of Higher Education and Training (DHET) list: library – resources - electronic resources – accept – journals - DHET-accredited journal lists for 2018
- Different lists: ISI, IBSS, Norwegian, ScieLO SA, Scopus, DHET
PREDATORY PUBLISHING

- Solicitation
- Wide/multidisciplinary subject field
- Inaccurate impact factors
- Hijacked websites
- Implications:
  - NRF rating
  - Appointability
  - Credibility
NATURAL SCIENCES <editor@cirworld.com>

[JNS] Impact factor 1.711

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JNS is scientific, international peer-reviewed/referred online journal that is devoted to fields of NATURAL SCIENCES to provides rapid publication of articles frequently in its issues. JNS publishes original review papers, as well as auxiliary material such as: Research Papers, Case Studies, Review Articles and Reports etc. JNS is the place for exchange of information and research results within all areas of NATURAL SCIENCES and allied fields.

Important Dates:


Notification Dates: 20th of each Month

Average Review Time: 29 days

Interested in submitting to this journal? We recommend that you review the About the Journal page for the journal's section policies, as well as the Author Guidelines. Authors need to register with the journal prior to submitting or, if already registered, can simply log in and begin the five-step process.

LIST OF OTHER JOURNALS IN OTHER SUBJECTS
Submit Your Articles Here

Glaciology and related earth sciences submission button (Acceptance rate 12%)  submit

Other fields of the life sciences submission button  submit

* Please submit your papers only via one of the buttons above
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JOURNAL OF EARTH SCIENCES
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When contacting scientific journals you are not familiar with, check their credentials before submitting to a journal or publisher. Check that the journal’s editorial board lists experts with full recognized affiliations. Contact some of them and ask about their journal or publisher. Check that the journal prominently displays its policy for author fees. Use common sense, as you would when shopping online.

For further details see i.e.

Jefferson LibGuides on predatory publishers
BEST JOURNALS: IMPACT FACTOR

• A measure of the frequency with which its published papers are cited up to two years after publication.

• **Calculation:** for any given journal a count is made each year of the total number of times all its articles, reviews, proceedings or notes from the previous two years were cited during the current year. This number is then divided by the total number of “citable” items published by the same journal over the same two year period. Items deemed as “non-citable” such as editorials or letters to the editor are excluded.
1. BEST JOURNALS: IMPACT FACTOR: EXAMPLES

- In 2016 Econometrica had 473 citations to items it published in 2014 and 2015, during which time period it published 140 items in total. The 2016 impact factor is derived from dividing 473 by 140, resulting in an impact factor of 3.379.

- The Lancet received 27,742 cites in 2016 to articles it published in 2014-2015 from a total of 580 articles altogether, producing a 2016 impact factor of 47.831.
1. BEST JOURNALS: IMPACT FACTOR: LIMITATIONS

- Assesses a journal’s overall influence, and not that of individual papers or specific researchers.
- Selective coverage of titles - very often South African journals do not feature.
- Issues:
  - Some disagreement about whether letters, editorials, etc should count as “citable” articles.
  - Journals that publish more review articles are likely to get a higher number of cites than those which publish more research reports.
  - You can only compare impact factors within a subject area. Differences in citation patterns can make any other comparison meaningless (e.g. average for general medicine is 3.17, while for mathematics it is 0.71)
1. BEST JOURNALS: IMPACT FACTOR

- **Access** is through the **Journal Citation Reports (JCR)**:
  - UFS
  - Library
  - Resources
  - Electronic resources
  - Accept
  - Databases
  - Web of Science
  - Journal Citation Reports
• Demonstration
OTHER METRICS

• Impact factor is **trademarked**
• Scopus – free – SNIP, Scopus CiteScore
  – Similar metrics
INFLUENTIAL AUTHORS

• Do a topic search, **analyse** the results and see which authors have written the most articles on the topic or who has received the most cites.
4. INFLUENTIAL AUTHORS: WEB OF SCIENCE

- Do a topic search, analyse the results and see which authors have written the most articles on the topic or who has received the most cites.
DETERMINING A RESEARCHER’S H-INDEX

• On Web of Science and Scopus:
  – Use the author search. Mark all relevant results. Compare this to a publications list. If any articles are lacking try to find them in order to add them to the dataset. When done create a citation report – this will include the $h$-index

  – WHY DO THE TWO DIFFER?
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