Research Playing the impact game – how to improve your visibility



Helmien van den Berg Economic and Management Sciences Library 7th May 2013

Research

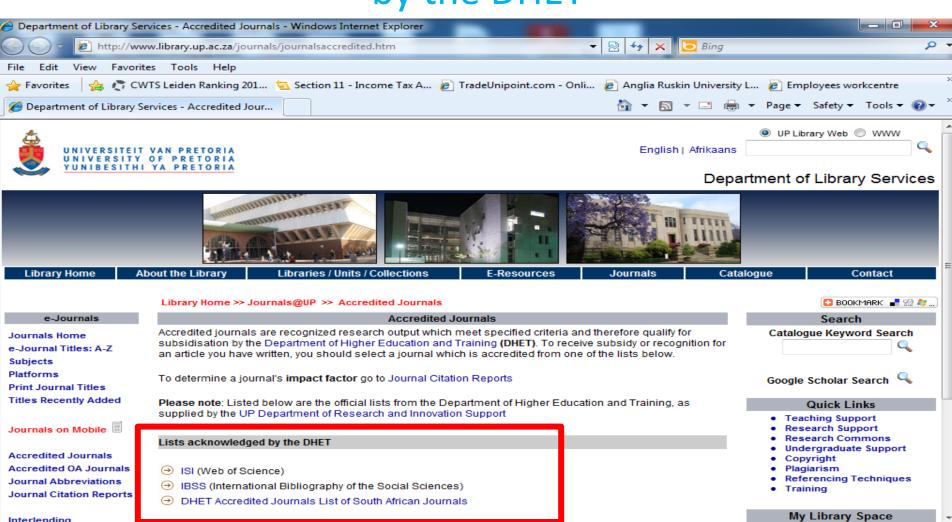
"The situation universities are facing today has no precedent in their long history. Today, universities, in addition to traditional functions, are recognized as key drivers of development, in the context of a **knowledge-based economy** and socio-economic mobility"

Sadlack . 2013. IREG Observatory on Academic Ranking and Excellence. .

- Academics =
- Knowledge economy / knowledge sharing
- Different format / Internet / wider audience
- Measured / Calculated / Evaluated / Bibliometric analysis
- Qualitative and Quantitative
- Citation analysis vs Viewed
- Journals and Authors

Accredited journals

Recognised research output which meets specified criteria and qualifies for subsidisation by the DHET

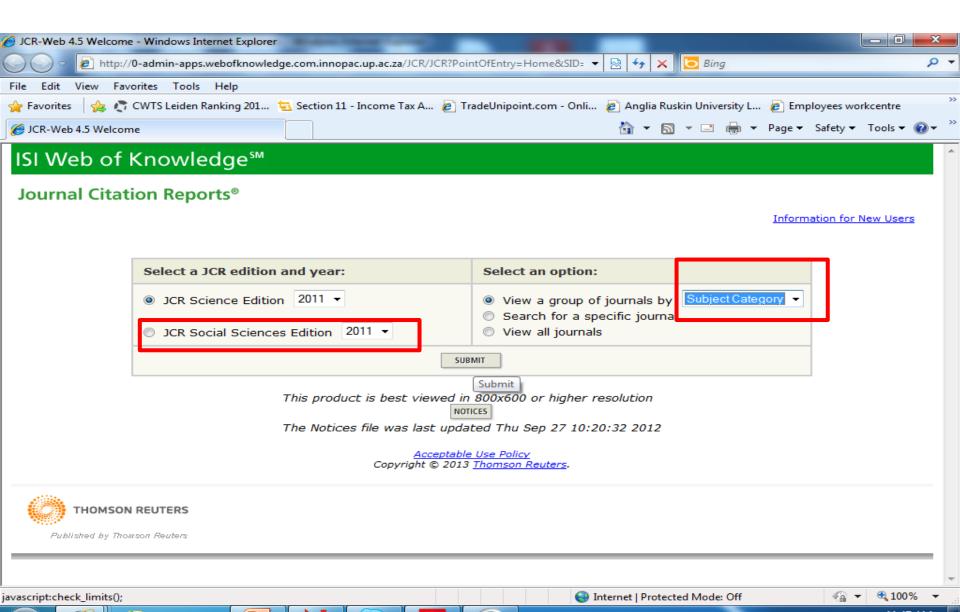


Impact factor (Journals)

- Measures influence in discipline
- Bibliometric indicator
- The average number of times articles from the journal published in the past two years have been cited in the Thomson Reuters ISI / JCR (Journal Citation Reports) year and
- It is calculated by dividing the number of citations in the JCR year by the total number of articles published in the previous **two** years

http://www.library.up.ac.za/journals/journalsaccredited.htm

Journal Citation Reports (JCR)



Tools / Systems

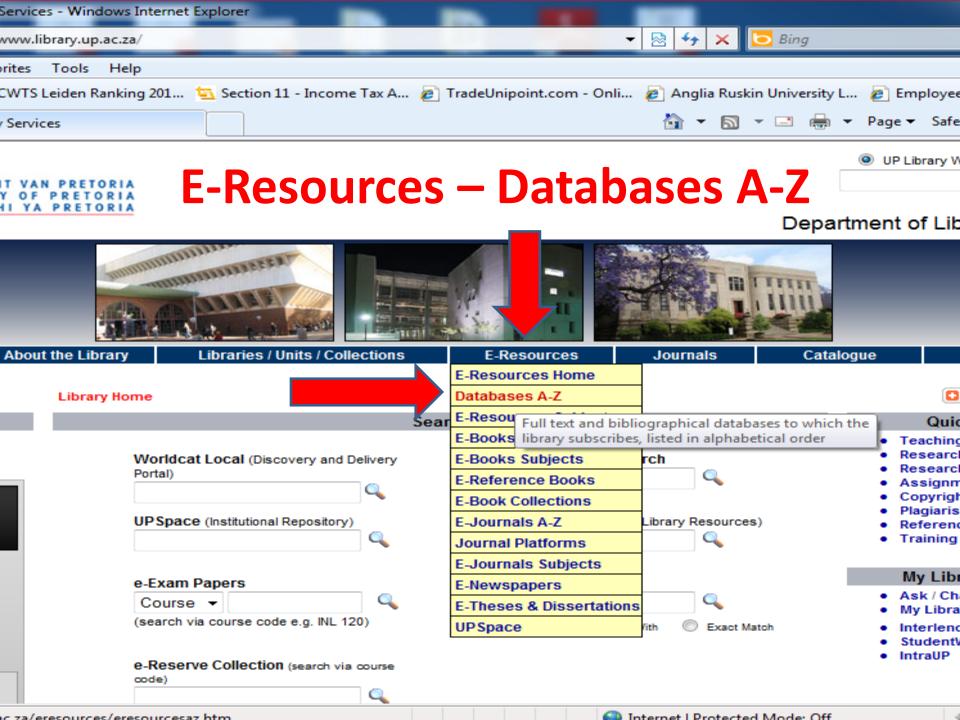
- **ISI** bias towards USA and Natural and Life Sciences (only 250 journals on Economic and Management Sciences). Diversity?
- Scopus most comprehensive coverage including Social Sciences and Humanities, 1114 Business and Management journals, European + Asian coverage
- Publish or Perish Google Scholar, UPSpace, Open Access
- NRF (National Research Foundation) is the rating system for SA researchers, amongst many other things like providing Funding etc. Promotes and supports research
- The NRF rating of individuals is based primarily on the quality and impact of their research outputs over the past eight years, taking into consideration the evaluation made by local and international peers.

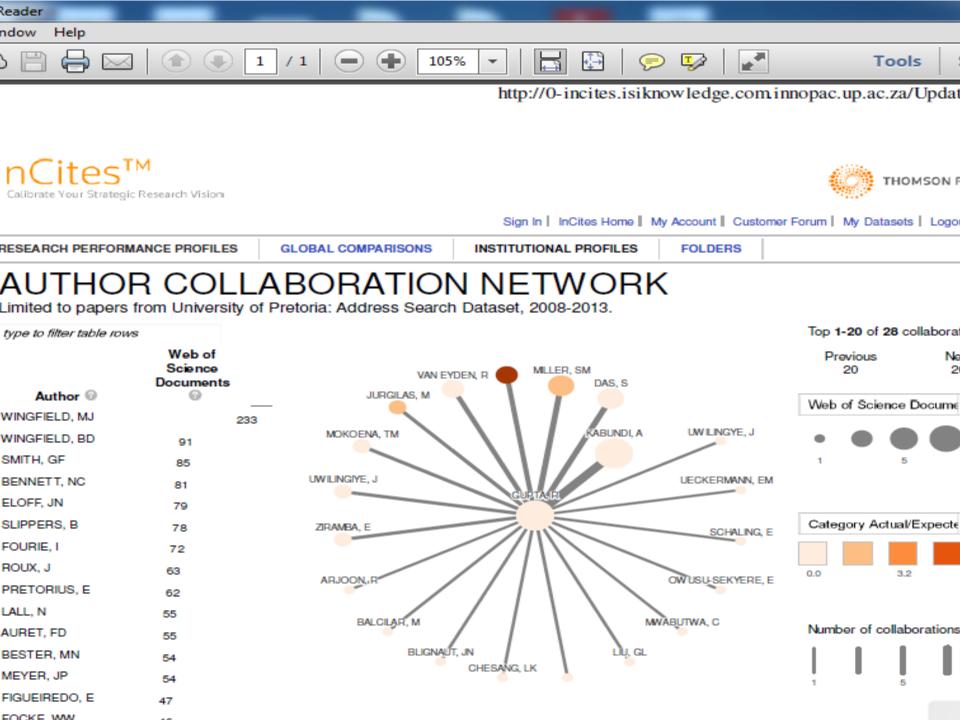
H-index (Hirsch)

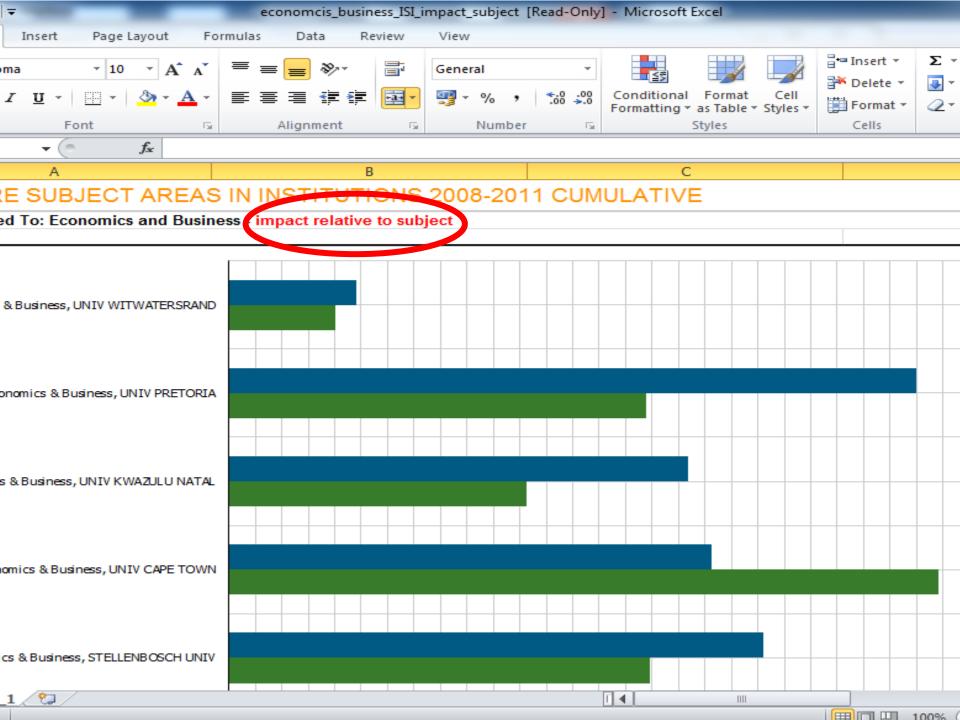
- New measure of academic impact
- Measures the cumulative impact of a researchers output.
- Number of papers of author has at least <u>h</u>
 citations each, and the other papers have no
 more than <u>h</u> citations each
- Also other measures such as Eigenfactor

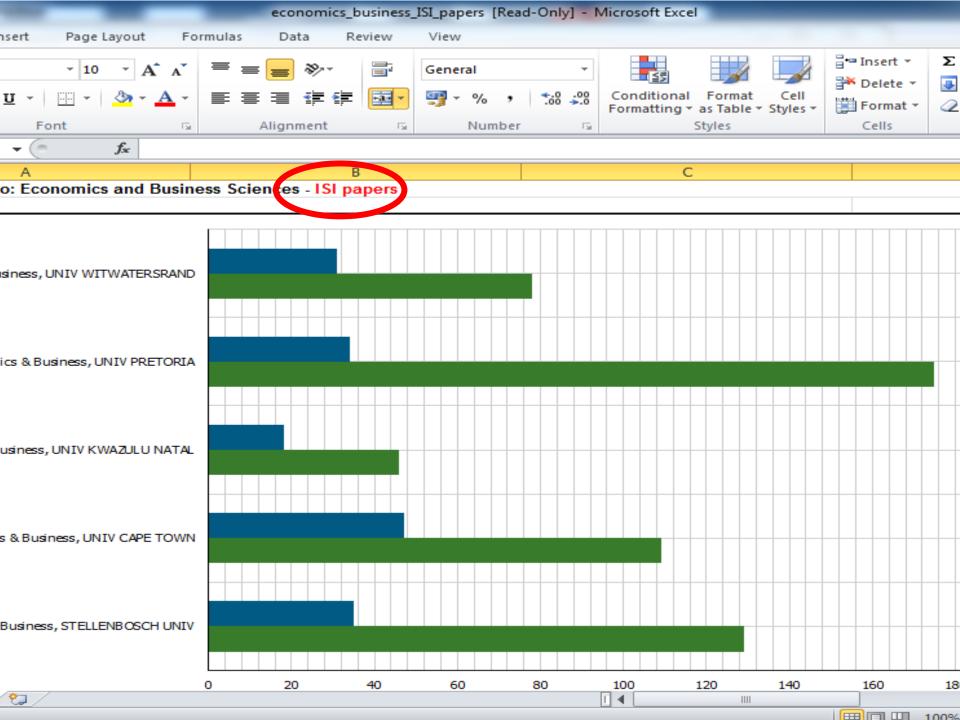
ISI & Incites

- ISI (Institute for Scientific Information) is a Thomson Reuters Web of Science commercial database. The DHET acknowledges the ISI journal titles indexed in Thomson Reuters Web of Science indices as accredited journals. ISI consists of the following three indices
- 1) Science Citation Index Expanded
- 2) Social Sciences Index
- 3) Arts & Humanities Index









Google Scholar

- Broader coverage than both ISI and Scopus.
- Covers citations IN and TO all academic journals
- Including ISI and Scopus, but also academic journals not listed in these d/bases, but are available on the Internet.
- Also includes citations in books, conference proceedings, white papers and gov reports
- Institutional repositories (UPSpace)

Publish or Perish

- Software programme developed by Prof Anne-Wil Harzing, Melbourne, Australia.
- Effective and responsible citation analysis
- Uses Google Scholar data

Download programme from:

http://www.harzing.com

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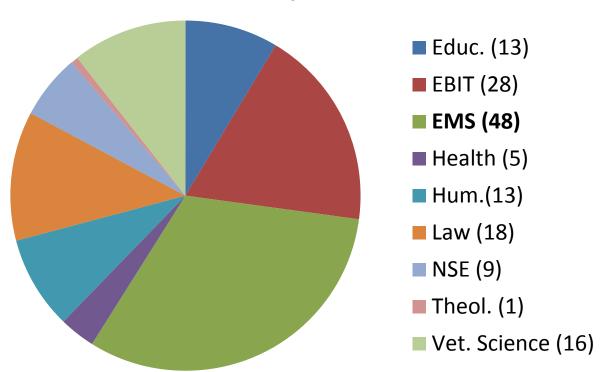
Open Access / UPSpace

- **Freely** available online for use, re-use or redistribution.
- Financial barriers to access disappear (Traditionally income derived from subscriptions)
- Author-side paid publishing (or UP on behalf of)
- SA Journal of Industrial Engineering + SA Journal of Economic and Management Sciences (ISI accredited)
- UPSpace (institutional repository) statistics
 April 2013 Items viewed = 332, 062!!!
- Access from Library website

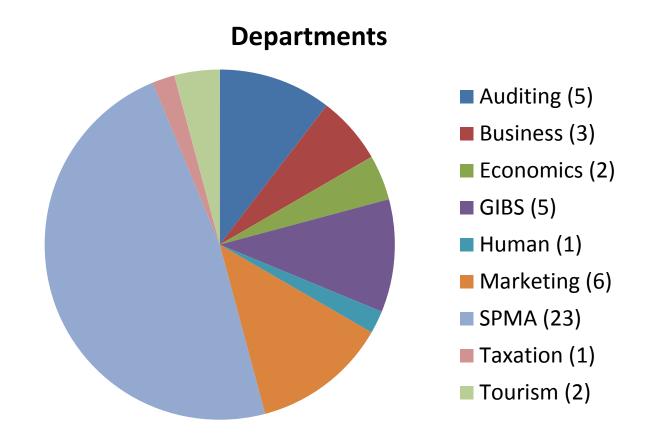
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De Jager, Herman	Importance of legislation (2000)	http://hdl.handle.net/2263/14758	Research Articles (Auditing)	210
Dyson, Liesl L.	Heavy daily-rainfall characteristics over the Gauteng Province (2009)	http://hdl.handle.net/2263/13796	Research Articles (Geography et al.)	207
Malan, L.P.	Intergovernmental relations and co- operative government in South Africa: the ten-year review (2005)	http://hdl.handle.net/2263/4211	Research Articles (SPMA)	197
Potgieter, M, Ackermann, M & Fletcher, L.	Inaccuracy of self-evaluation as additional variable for prediction of students at risk of failing first-year chemistry (2010)	http://hdl.handle.net/2263/15481	Research Articles (Chemistry)	181
Roux, Nico L.	Public policy-making and policy analysis in South Africa amidst transformation, change and globalisation: views on participants and role players in the policy analytic procedure (2002)	http://hdl.handle.net/2263/3881	Research Articles (SPMA)	173
Gerber, K. & Rees, P	Urinary bladder botryoid rhabdomyosarcoma with widespread metastases in an 8-month-old Labrador cross dog (2009)	http://hdl.handle.net/2263/13294	Research Articles (Companion Animal Clinical Studies)	171
Vandeyar, S & Killen, LR	Has curriculum reform in South Africa really changed assessment practices, and what promise does the revised National Curriculum Statement hold? (2003)	http://hdl.handle.net/2263/5044	Research Articles (Curriculum Studies)	161
Bekker, Jan C.; Van Niekerk, Gardiol J.	Gumede v President of the Republic of South Africa: harmonisation, or the creation of new marriage laws in South Africa? (2009)	http://hdl.handle.net/2263/11811	Research Articles (Private Law)	158
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UPSpace items **viewed** more than 50 times: April 2013

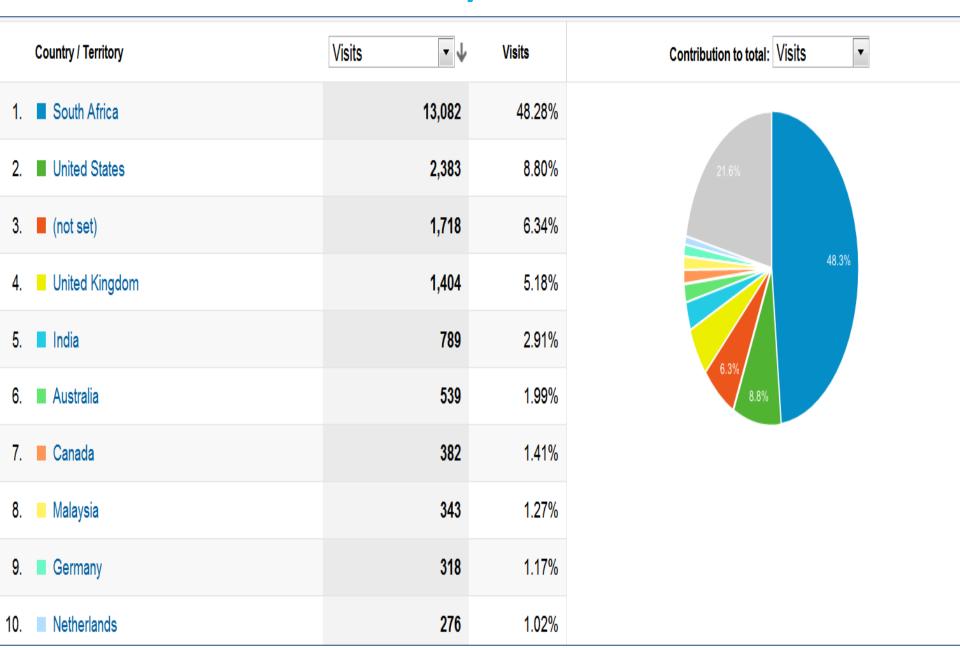
151 items /Faculties



EMS: 48 UPSpace items **viewed** more than 50 times: April 2013



Country visits



How to get published & cited

- Purpose and scope of journal
- Cite editor & articles in specific journal
- Hook very clearly stated
- Originality what's NEW
- Implications so what?
- **Review articles** cited more than primary articles. Current state of research on a particular topic. Authors rather cite 1 article.
- Clarity
- Quality of writing
- Distinctive author name be consistent. 1st author
- Keywords !!! Abstract!!!
- Add email address!!
- Don't limit to South Africa or Geographical region (international audience, significance)
- Title names informative + memorable. Short titles. No question marks, colons or hyphens.
- Rejection opportunity to revise and resubmit with valuable input and feedback.
- Self-cite, citing of peers good but be careful. Justify.
- Collaborate, collaborate! / Co-author!!
- Multi-disciplinary!

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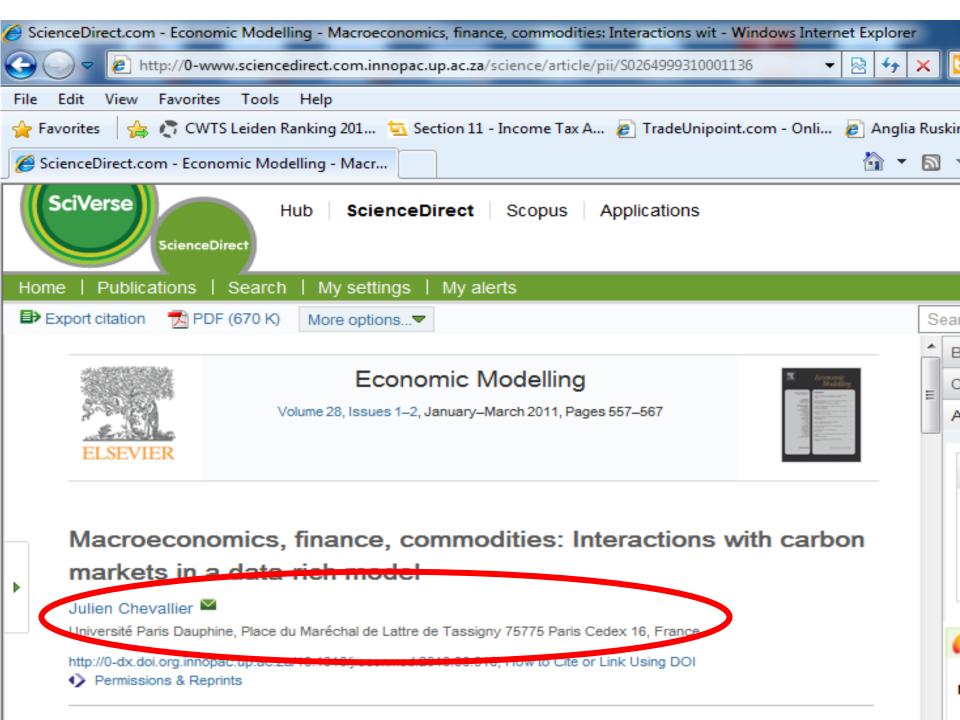
More....

Tools

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Help

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Wishing you well

- May you write lots of wonderful papers
- May the editors look favourably upon you
- May you receive many citations and a high h-index

"All paid jobs absorb and degrade the mind"

Aristotle