

# Library Connect, South Africa October 2009



refine your research  
**SCOPUS™**

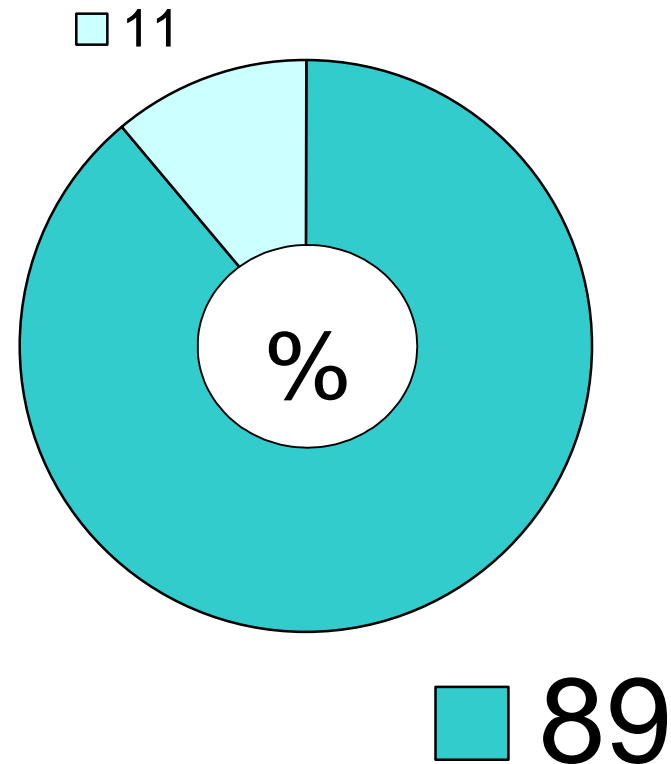


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# Why do students & researchers need Scopus?

## ..college students using [general] search engines to begin an information search

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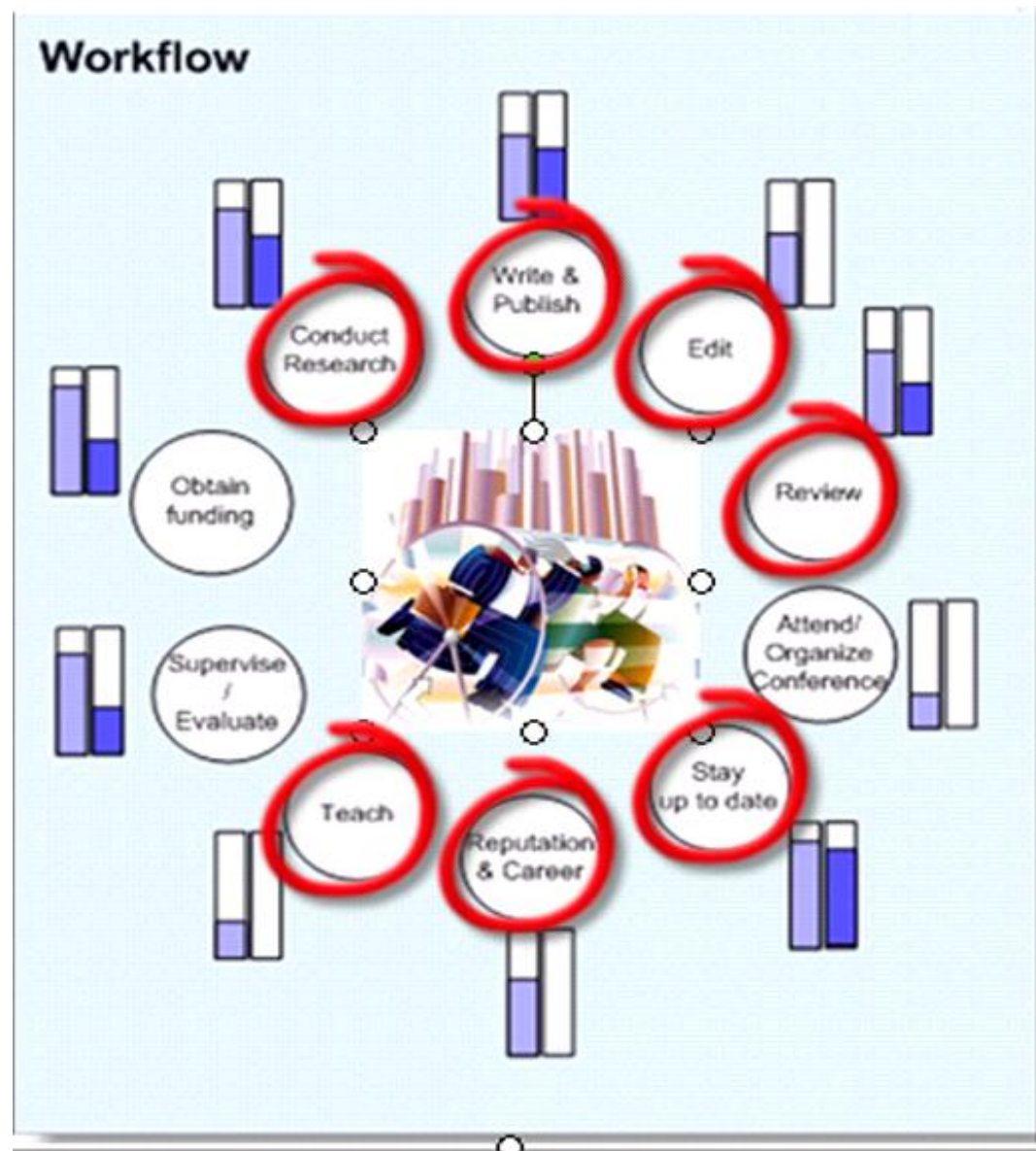
Source: College Students' Perceptions of the Libraries and Information Resources:

A Report to the OCLC Membership, Dublin, OH: OCLC, 2006.



# The Hectic Researcher's Workflow

Role	
	Undergrad
	PhD Student
	Researcher
	Dept. Head
	Librarian/Info Spec.
	Research Admin
	Dean



**SCOPUS** is designed to help these tasks

Source: KDS, NOV 2008 Elsevier

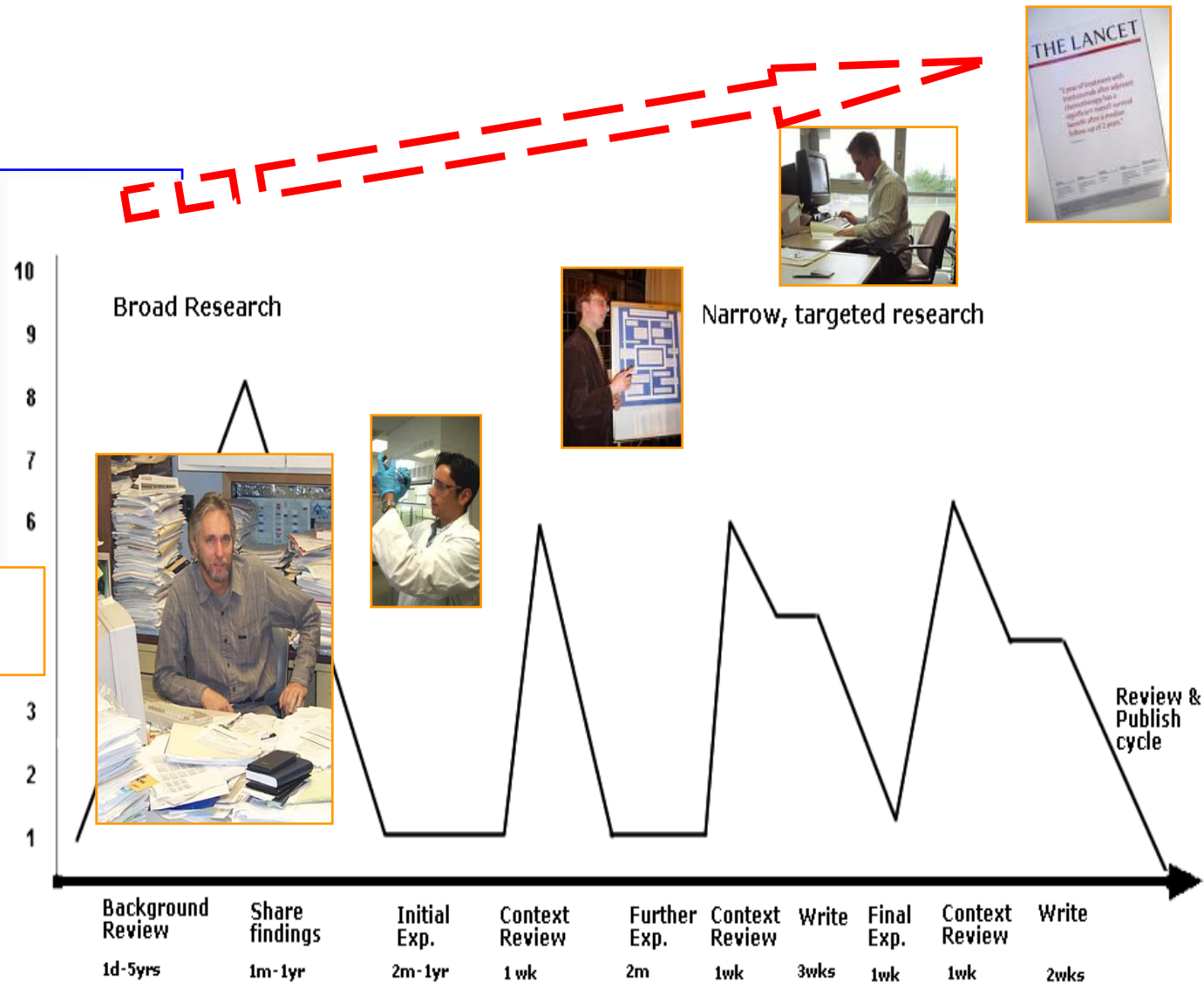


*"Surely you were aware when you accepted the position, Professor, that it was publish or perish."*

# Why do researchers need Scopus?

•“Publish or Perish”

Researchers



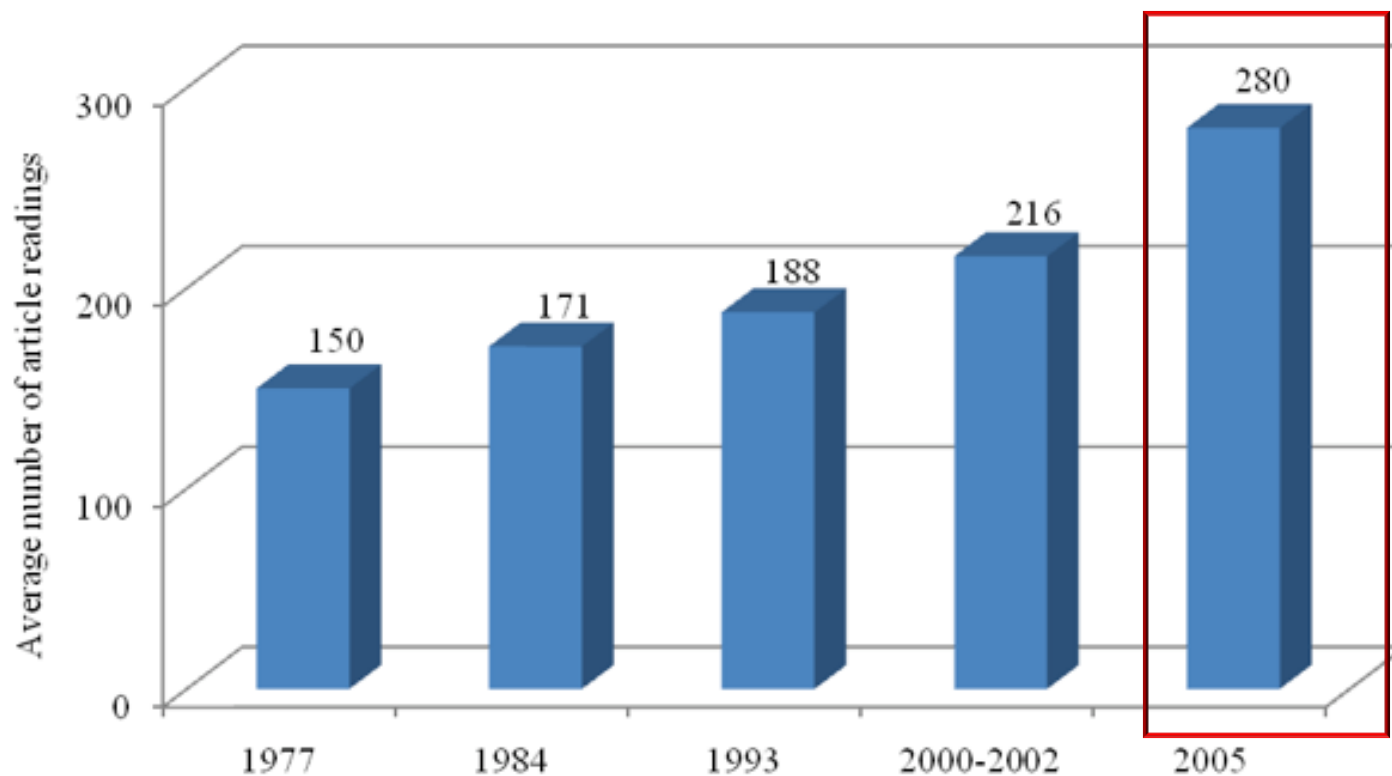
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**Life is busy. How can Scopus save me time?**



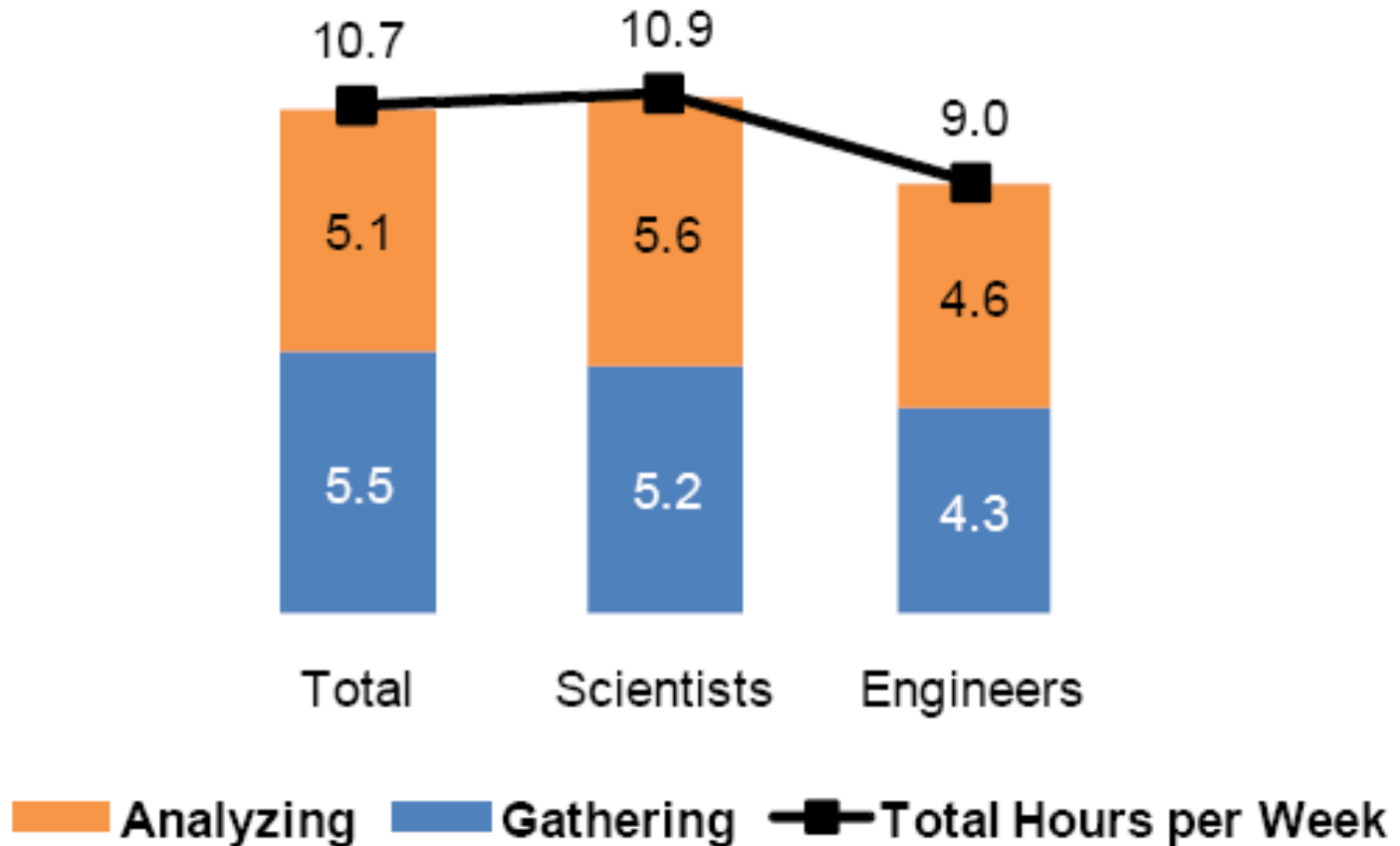
# Researchers are having to read more than ever

Figure 1. Average number of article readings per year per U.S. university science faculty member by year of survey



Source: D-Lib Magazine ,November/December 2008, Volume 14 Number 11/12, ISSN 1082-9873, Tenopir and King

## Time spent gathering and analysing information



Source: Outsell's Information Markets & Users Database, December 2008 Survey  
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But researchers have no time to keep on top  
of what's out there..

because it's an information

***ocean***,

..not a **highway**

# Scopus: the broadest source of answers

> 5,000 publishers

6,700

4,500

2,500

4,300

18,242

Life & Health  
(100% Medline)

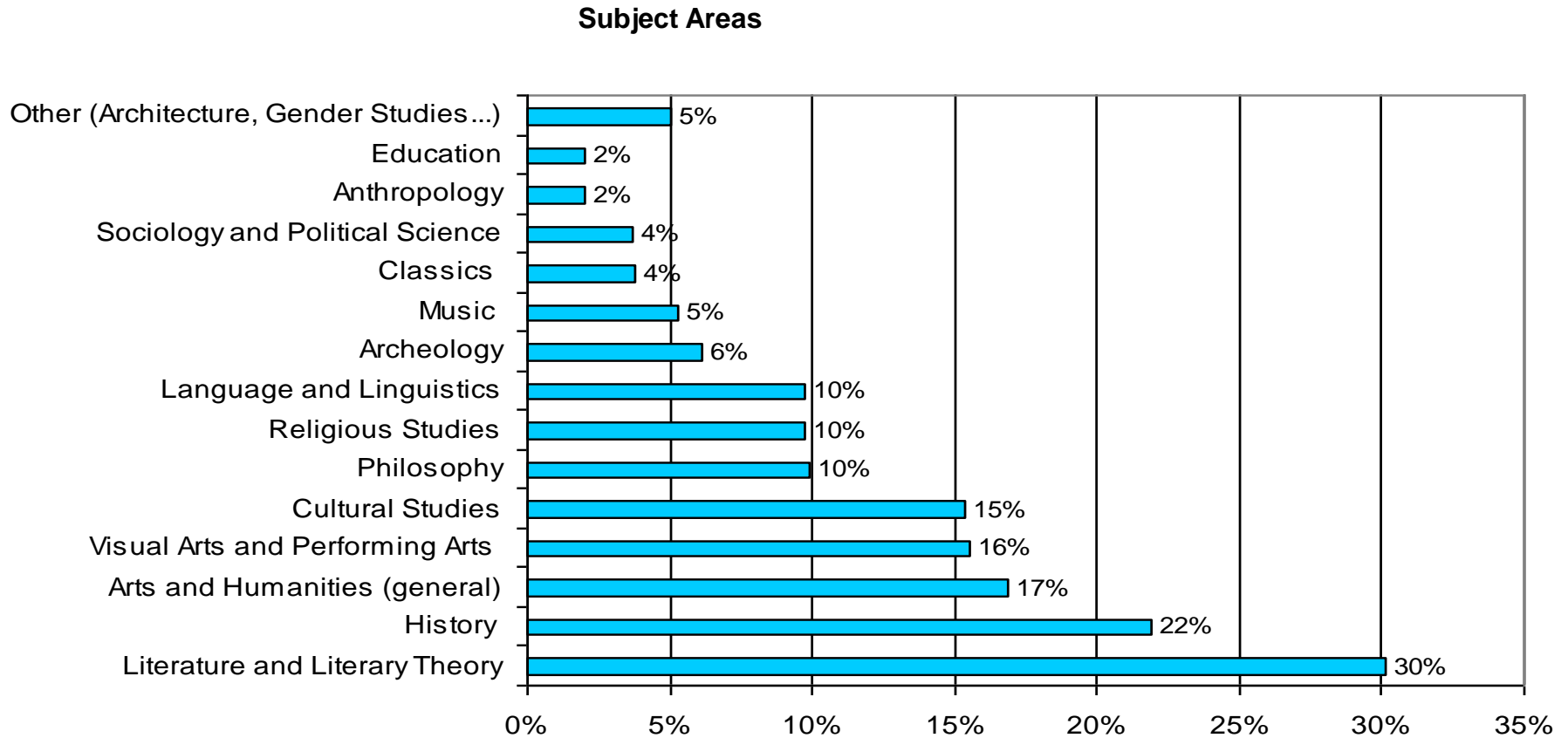
Chemistry  
Physics  
Engineering

Biological  
Agricultural  
Environmental

Social Sciences  
Psychology  
Economics

# Arts & Humanities in Scopus

## - distribution of the new 1,250 titles per subject area



# Scopus provides quick, intelligent answers

Which journals are most popular in this area?

Is this a growing topic of interest?

What other disciplines are related to my research?

Refine Results [Limit to](#) [Exclude](#) [Close](#)

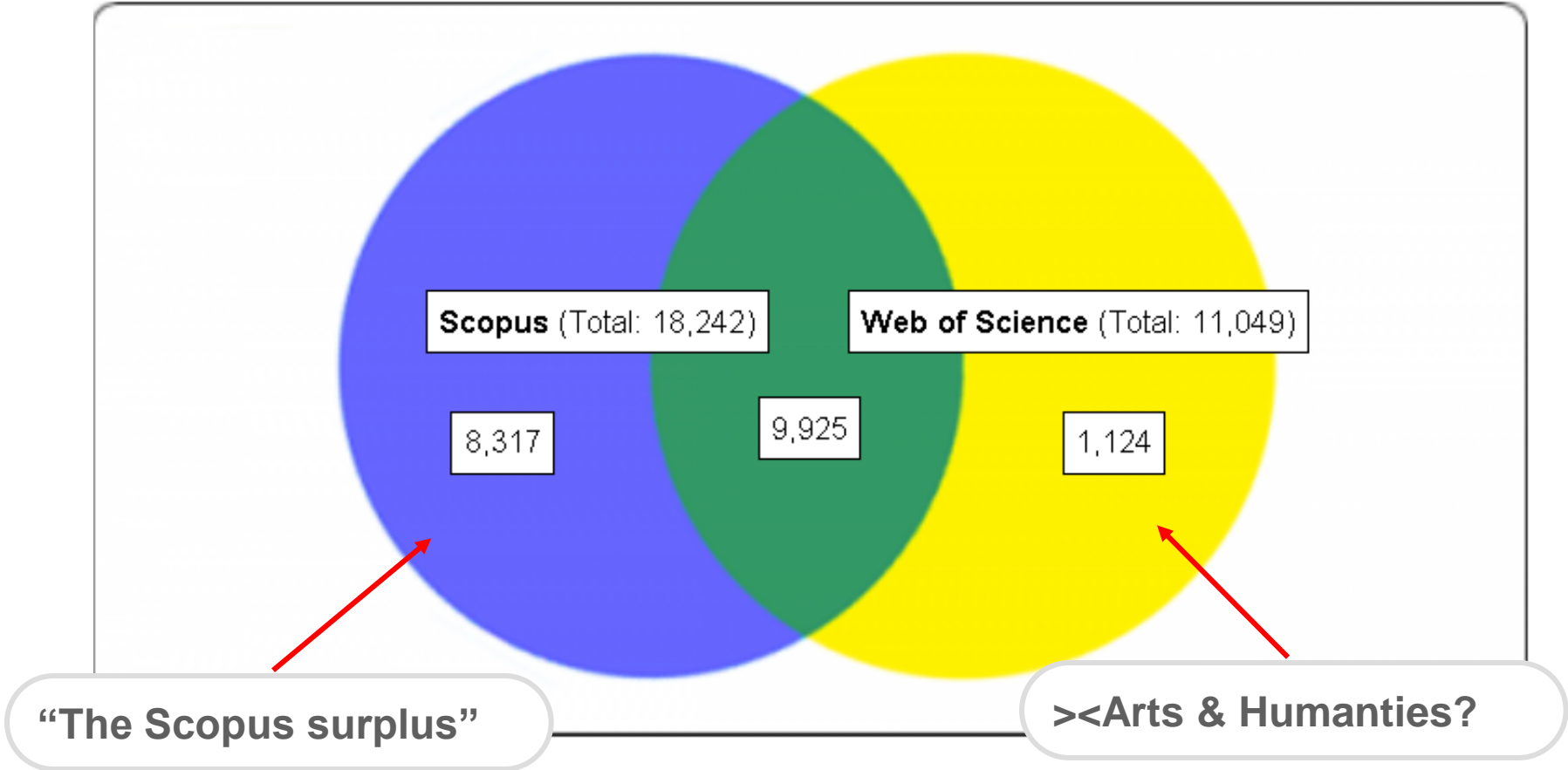
Source	Title	Author Name	Year	Document Type	Subject Area
<input type="checkbox"/>	Israel Medical Association Journal (1,086)	<input type="checkbox"/> Shoenfeld, Y. (315)	<input type="checkbox"/> 2009 (2)	<input type="checkbox"/> Article (52,756)	<input type="checkbox"/> Medicine (25,901)
<input type="checkbox"/>	Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics (977)	<input type="checkbox"/> Malomed, B.A. (208)	<input type="checkbox"/> 2008 (10,622)	<input type="checkbox"/> Conference Paper (8,142)	<input type="checkbox"/> Biochemistry, Genetics and Molecular Biology (12,502)
<input type="checkbox"/>	Proceedings of SPIE the International Society for Optical Engineering (648)	<input type="checkbox"/> Gedanken, A. (165)	<input type="checkbox"/> 2007 (15,891)	<input type="checkbox"/> Review (6,717)	<input type="checkbox"/> Physics and Astronomy (9,602)
<input type="checkbox"/>	Physical Review Letters (625)	<input type="checkbox"/> Weizman, A. (156)	<input type="checkbox"/> 2006 (15,997)	<input type="checkbox"/> Letter (1,698)	<input type="checkbox"/> Engineering (7,817)
<input type="checkbox"/>	Physical Review B Condensed Matter and Materials Physics (503)	<input type="checkbox"/> Nevo, E. (131)	<input type="checkbox"/> 2005 (15,220)	<input type="checkbox"/> Article in Press (1,160)	<input type="checkbox"/> Mathematics (5,873)
<input type="checkbox"/>	Harefuah (459)	<input type="checkbox"/> Merrick, J. (127)	<input type="checkbox"/> 2004 (15,082)	<input type="checkbox"/> Editorial (967)	<input type="checkbox"/> Computer Science (5,372)
<input type="checkbox"/>	Proceedings of the National Academy of Sciences of the United States of America (447)	<input type="checkbox"/> Willner, I. (126)	<a href="#">Less...</a>	<input type="checkbox"/> Note (620)	<input type="checkbox"/> Agricultural and Biological Sciences (4,485)
<input type="checkbox"/>	Journal of Biological Chemistry (446)	<input type="checkbox"/> Pascual-Leone, A. (125)		<input type="checkbox"/> Short Survey (501)	<input type="checkbox"/> Neuroscience (3,962)
<input type="checkbox"/>	Physical Review E Statistical Nonlinear and Soft Matter Physics (432)	<input type="checkbox"/> Nussinov, R. (124)		<input type="checkbox"/> Erratum (205)	<input type="checkbox"/> Social Sciences (3,907)
<input type="checkbox"/>	Physical Review A Atomic Molecular and Optical Physics (290)	<input type="checkbox"/> Goldberg, I. (119)		<input type="checkbox"/> Book (46)	<input type="checkbox"/> Chemistry (3,704)
<input type="checkbox"/>	Journal of Chemical Physics (262)	<input type="checkbox"/> Aurbach, D. (112)		<input type="checkbox"/> Abstract Report (1)	<input type="checkbox"/> Immunology and Microbiology (3,540)
<input type="checkbox"/>	Journal of the American Chemical Society (258)	<input type="checkbox"/> Rechavi, G. (103)		<input type="checkbox"/> Patent (1)	<input type="checkbox"/> Materials Science (2,985)
<input type="checkbox"/>	New England Journal of Medicine (255)	<input type="checkbox"/> Letvin, N.L. (98)		<a href="#">Less...</a>	<input type="checkbox"/> Psychology (2,758)
<input type="checkbox"/>	Astrophysical Journal (244)	<input type="checkbox"/> Alon, N. (94)			<input type="checkbox"/> Chemical Engineering (2,609)
<input type="checkbox"/>	Applied Physics Letters (230)	<input type="checkbox"/> Nagler, A. (93)			<input type="checkbox"/> Earth and Planetary Sciences (2,207)
<input type="checkbox"/>	Journal of Applied Physics (202)	<input type="checkbox"/> Shaik, S. (93)			<input type="checkbox"/> Pharmacology, Toxicology and Pharmaceutics (2,016)
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<input type="checkbox"/>	Physical Review D Particles Fields Gravitation and Cosmology (194)	<input type="checkbox"/> Fregni, F. (87)			<input type="checkbox"/> Health Professions (1,642)
<input type="checkbox"/>	IEEE Transactions on Information Theory (174)	<input type="checkbox"/> Youdim, M. (87)			<input type="checkbox"/> Economics, Econometrics and Finance (834)
<input type="checkbox"/>	Fertility and Sterility (169)	<input type="checkbox"/> Sheiner, E. (86)			<input type="checkbox"/> Nursing (821)
<a href="#">More...</a>		<a href="#">More...</a>			<a href="#">More...</a>   <a href="#">Less...</a>

Who else is active in this field? Could I work with them?

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**Why should I use Scopus as well?**

# Why would I want to use Scopus? Broader coverage = More answers

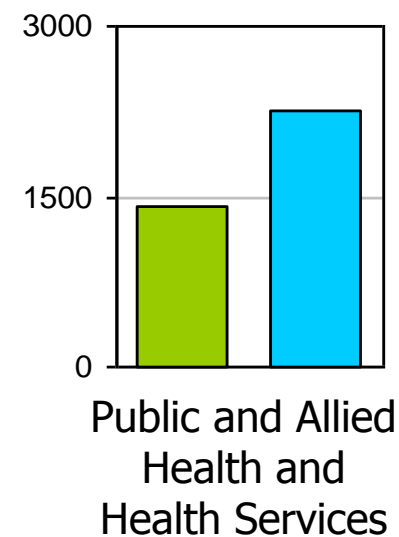
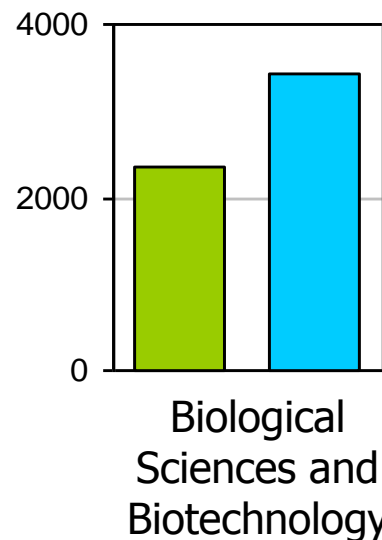
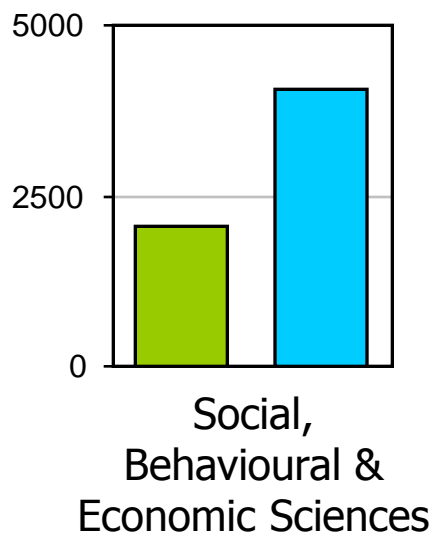
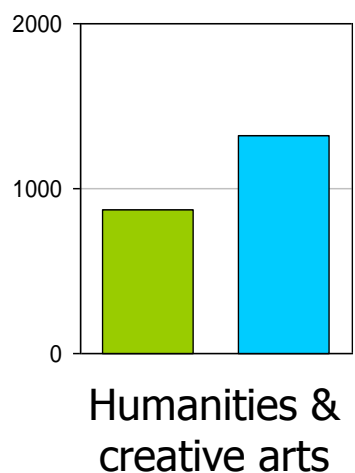
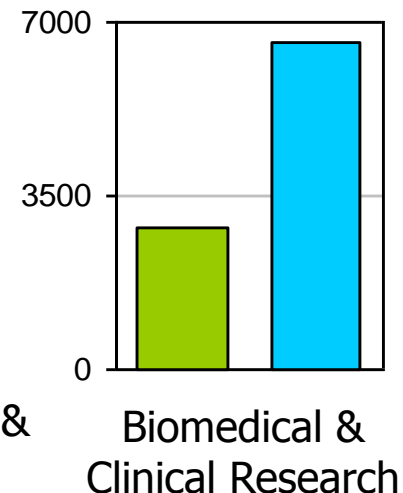
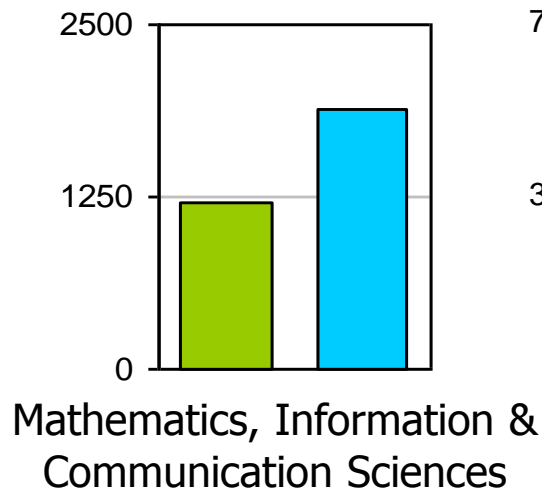
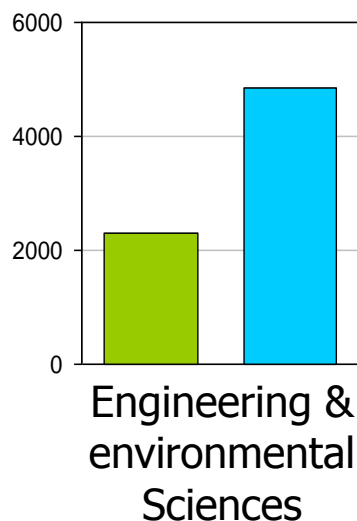
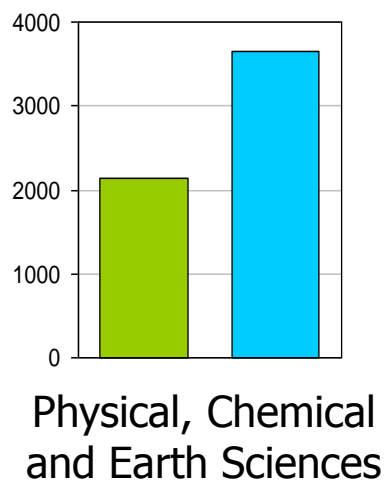


Source: [http://www.jisc-adat.com/adat/search\\_result.pl](http://www.jisc-adat.com/adat/search_result.pl)

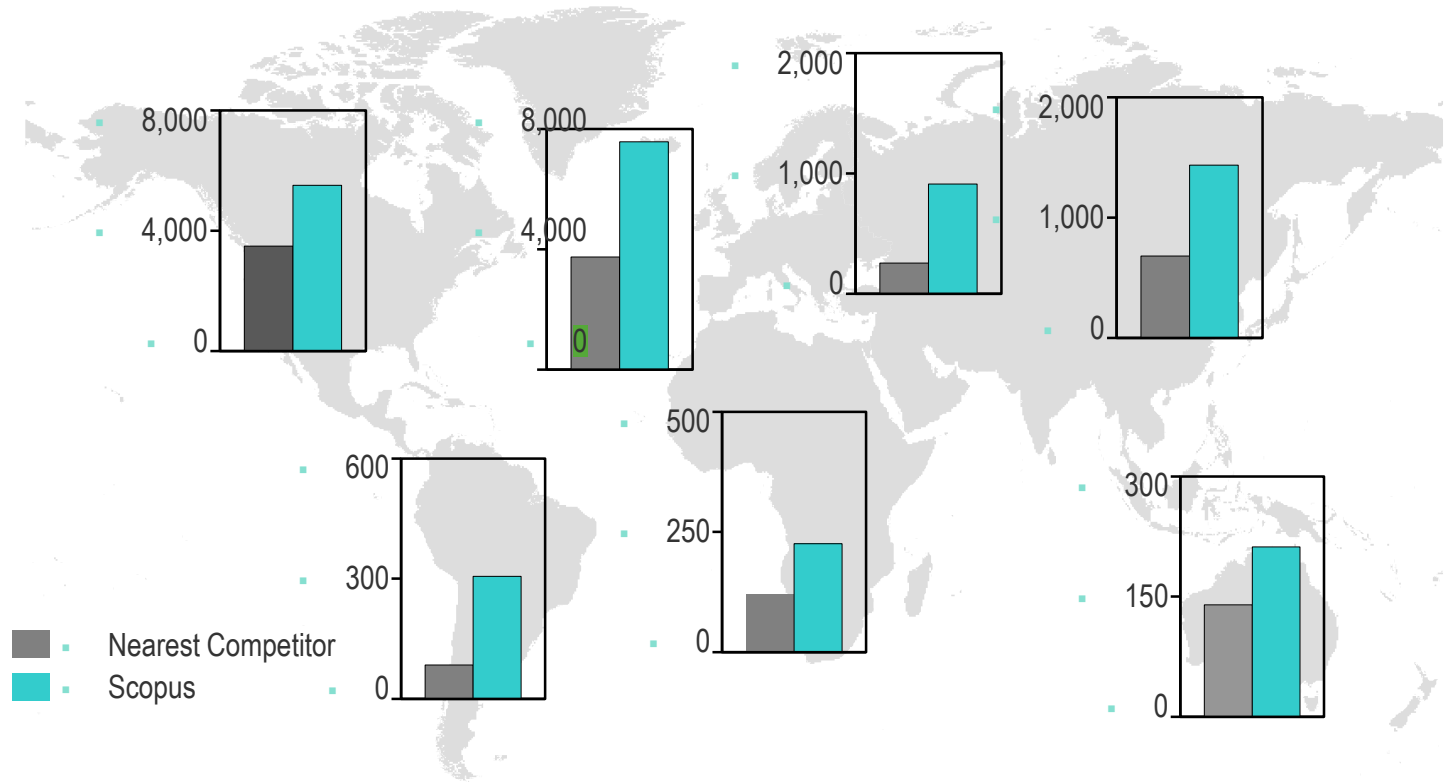
# Scopus Coverage per discipline

10,500 vs 17,300 Titles

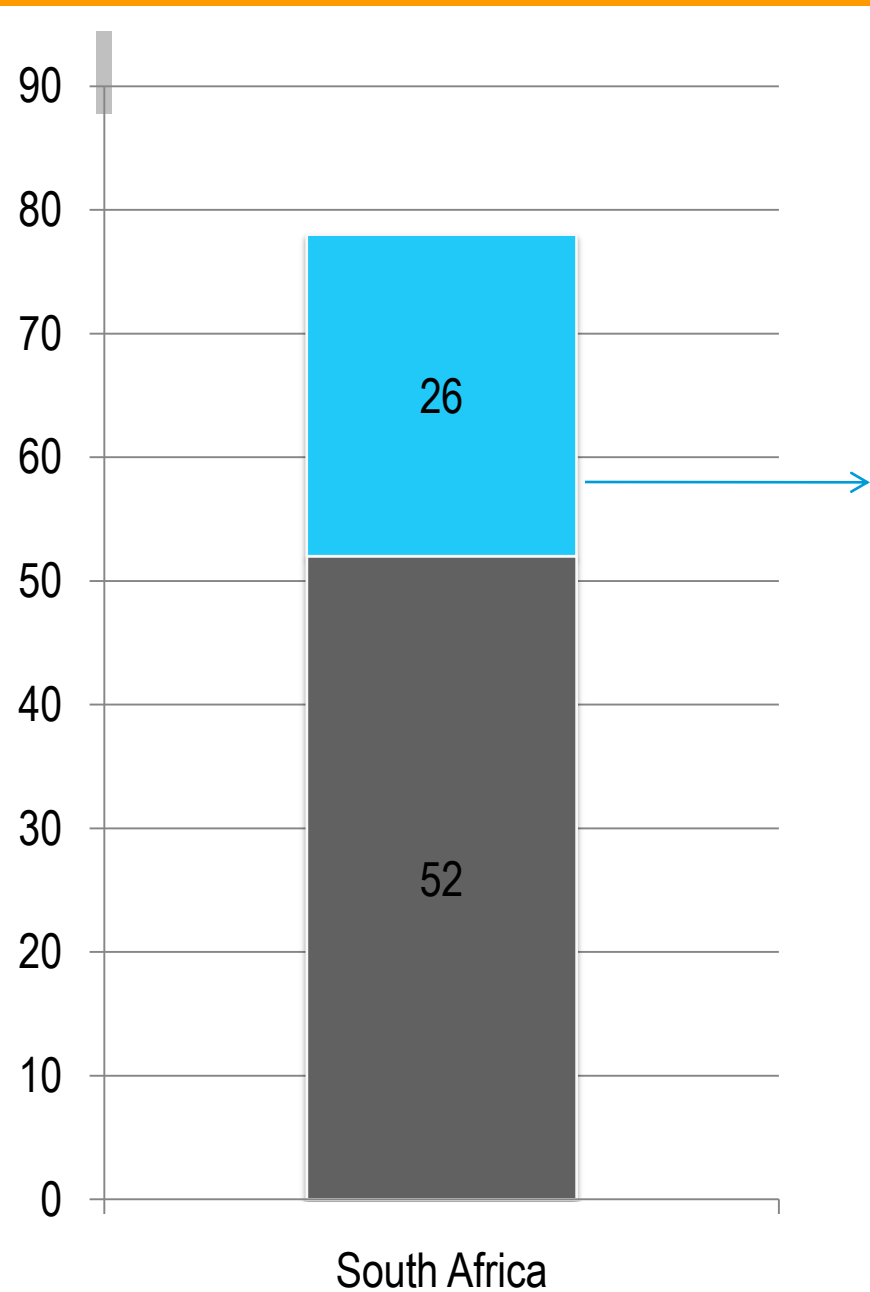
■ Nearest Competitor  
■ Scopus



# 10,500 Titles in WoS and 17,300 Titles in Scopus



*Elsevier constitutes approximately 15% of titles in Scopus*

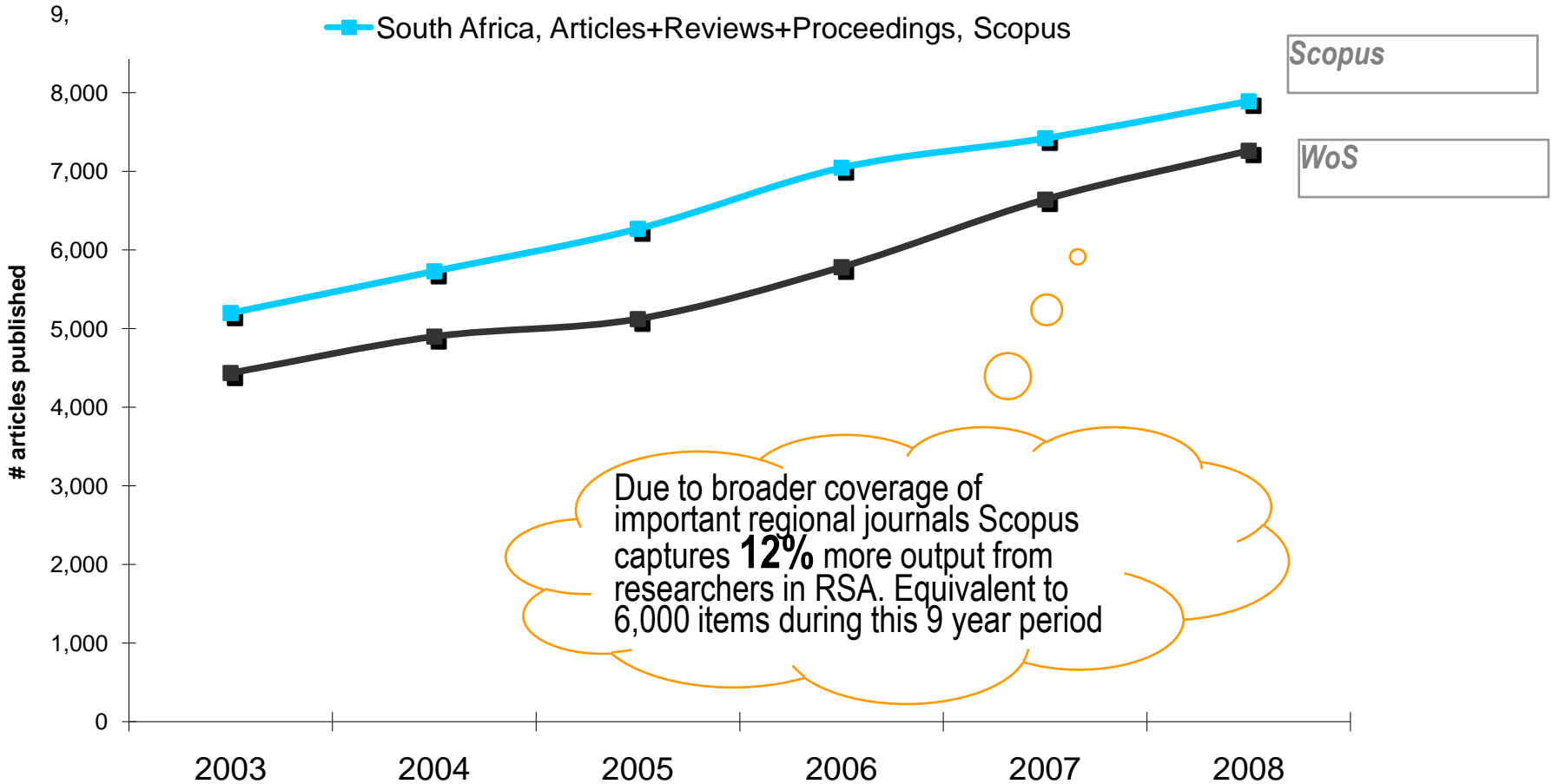


1. Africa Journal of Nursing and Midwifery
2. Cardiovascular Journal of Southern Africa
3. Civil Engineering/Siviele Ingenieurswese
4. Conservation Science Western Australia
5. Curationis
6. Elektron
7. EngineerIT
8. Journal for Studies in Economics and Econometrics
9. Journal of Child and Adolescent Mental Health
10. Journal of Endocrinology, Metabolism and Diabetes of South Africa
11. Journal of Energy in Southern Africa
12. Journal of the Mine Ventilation Society of South Africa
13. Journal of the South African Veterinary Association
14. Koedoe
15. Marine Ornithology
16. Obstetrics and Gynaecology Forum
17. SA Waterbulletin
18. SADJ : journal of the South African Dental Association = tydskrif van die Suid-Afrikaanse Tandheelkundige Vereniging
19. Social Work/Maatskaplike Werk
20. South African Journal of Marine Science
21. South African Journal of Plant and Soil
22. South African Statistical Journal
23. Southern African Forestry Journal
24. Southern African Journal of Critical Care
25. The South African journal of communication disorders. Die Suid-Afrikaanse tydskrif vir Kommunikasieafwykings
26. Water, Sewage and Effluent

# Make decisions based on accurate, relevant, and truly global information

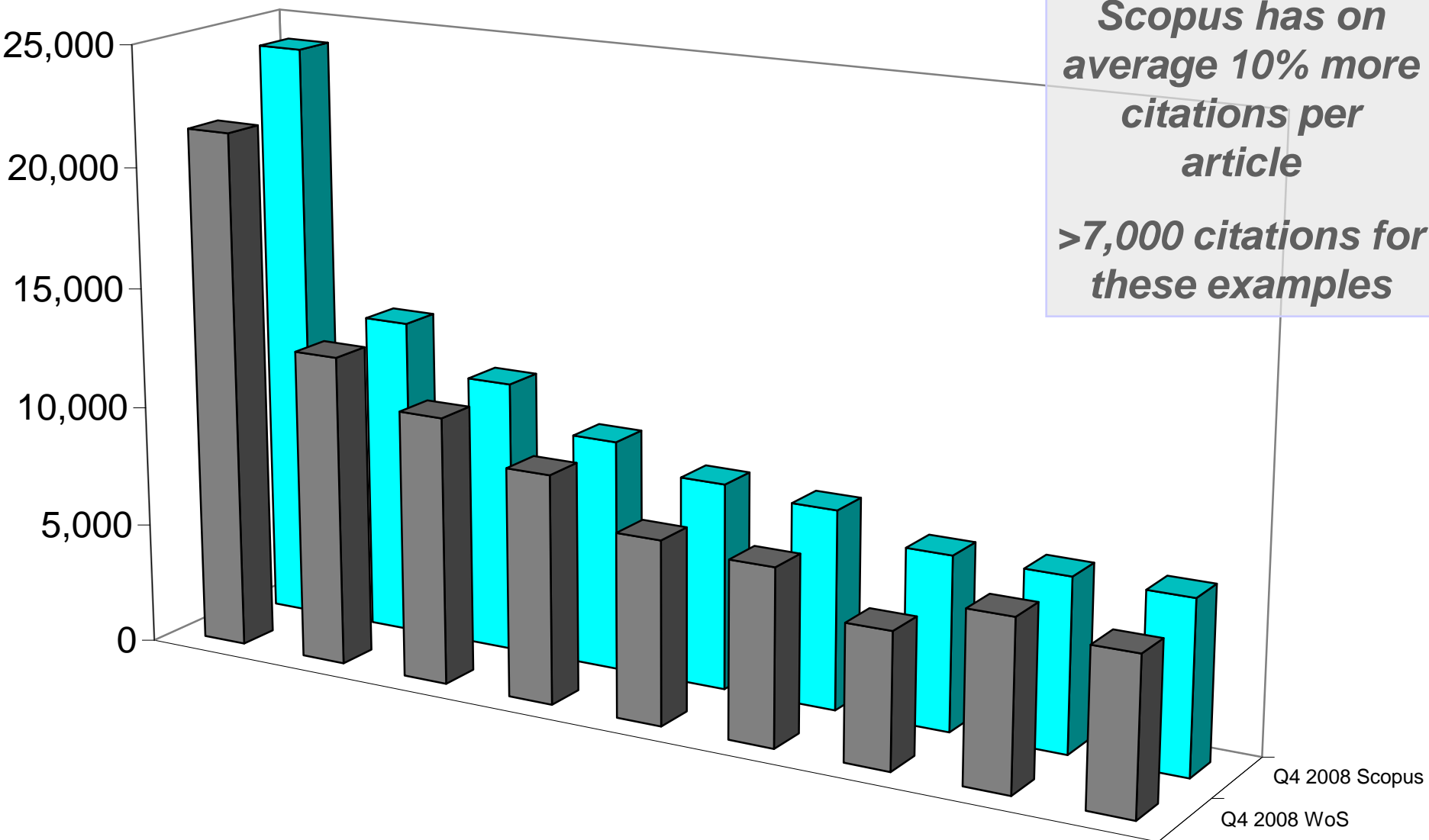
■ South Africa Articles+Reviews+Proceedings, WoS

■ South Africa, Articles+Reviews+Proceedings, Scopus



Due to broader coverage of important regional journals Scopus captures **12%** more output from researchers in RSA. Equivalent to 6,000 items during this 9 year period

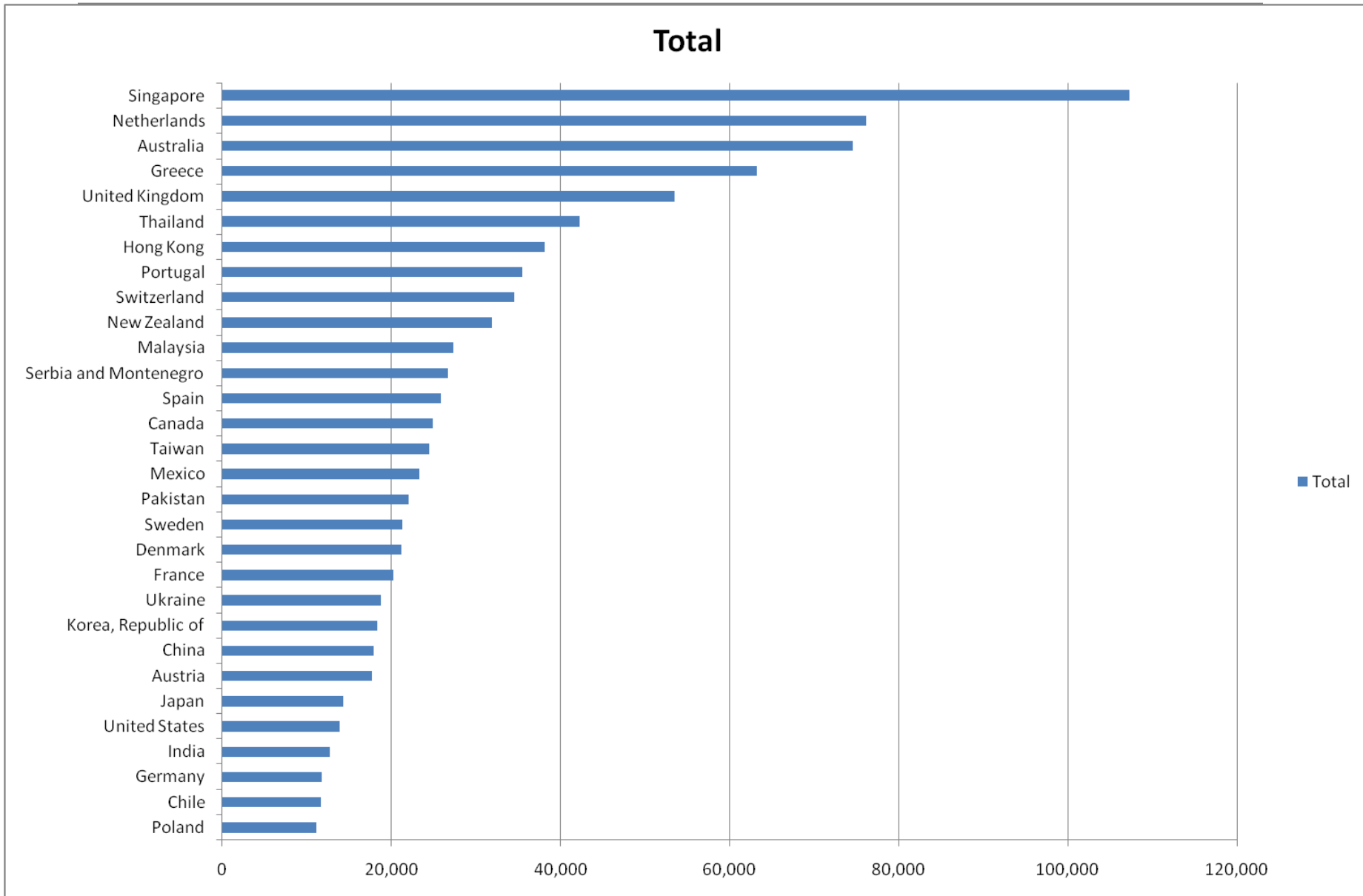
# Broader coverage = higher citations



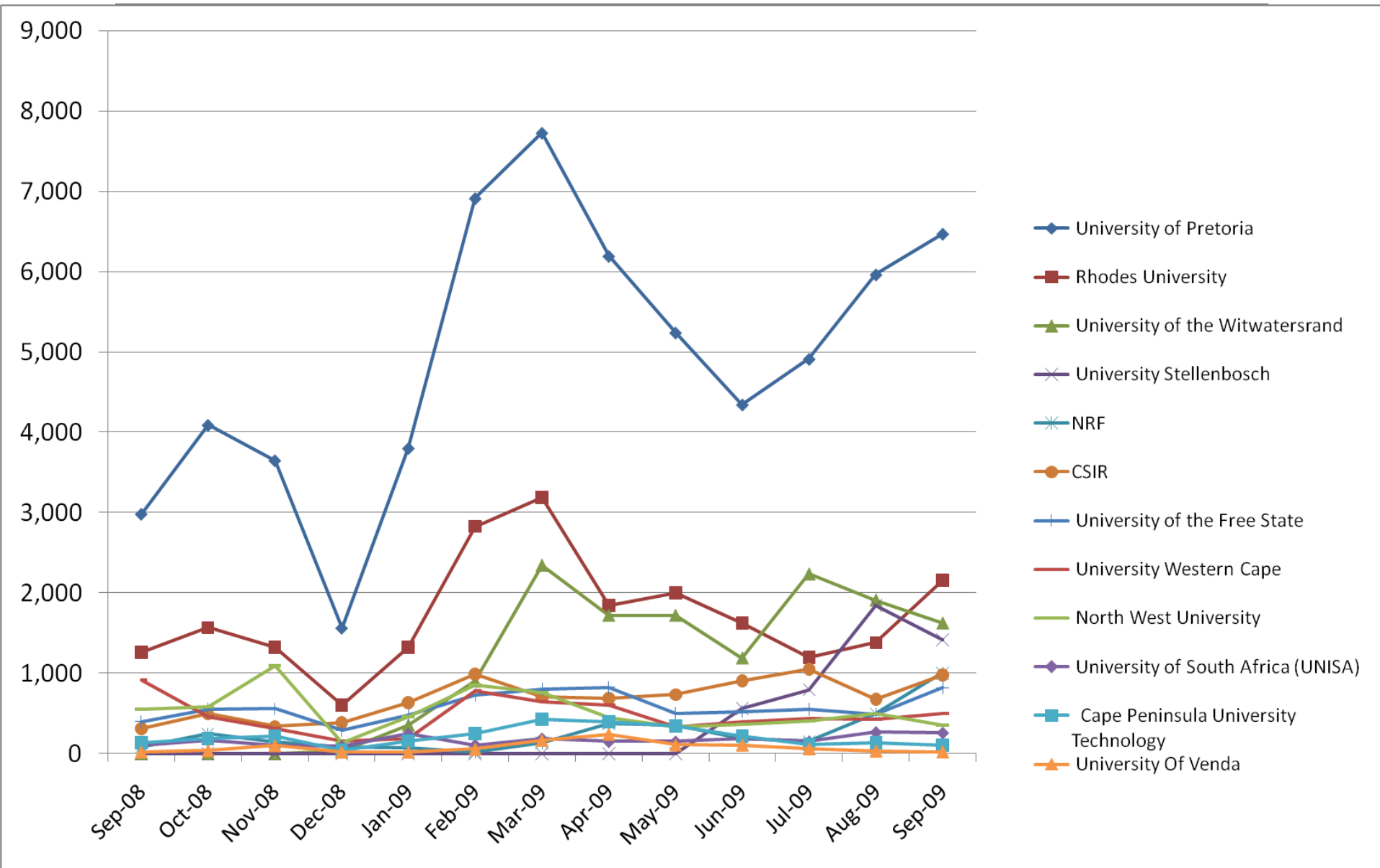
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# How is Scopus used?

# Highest average users by country

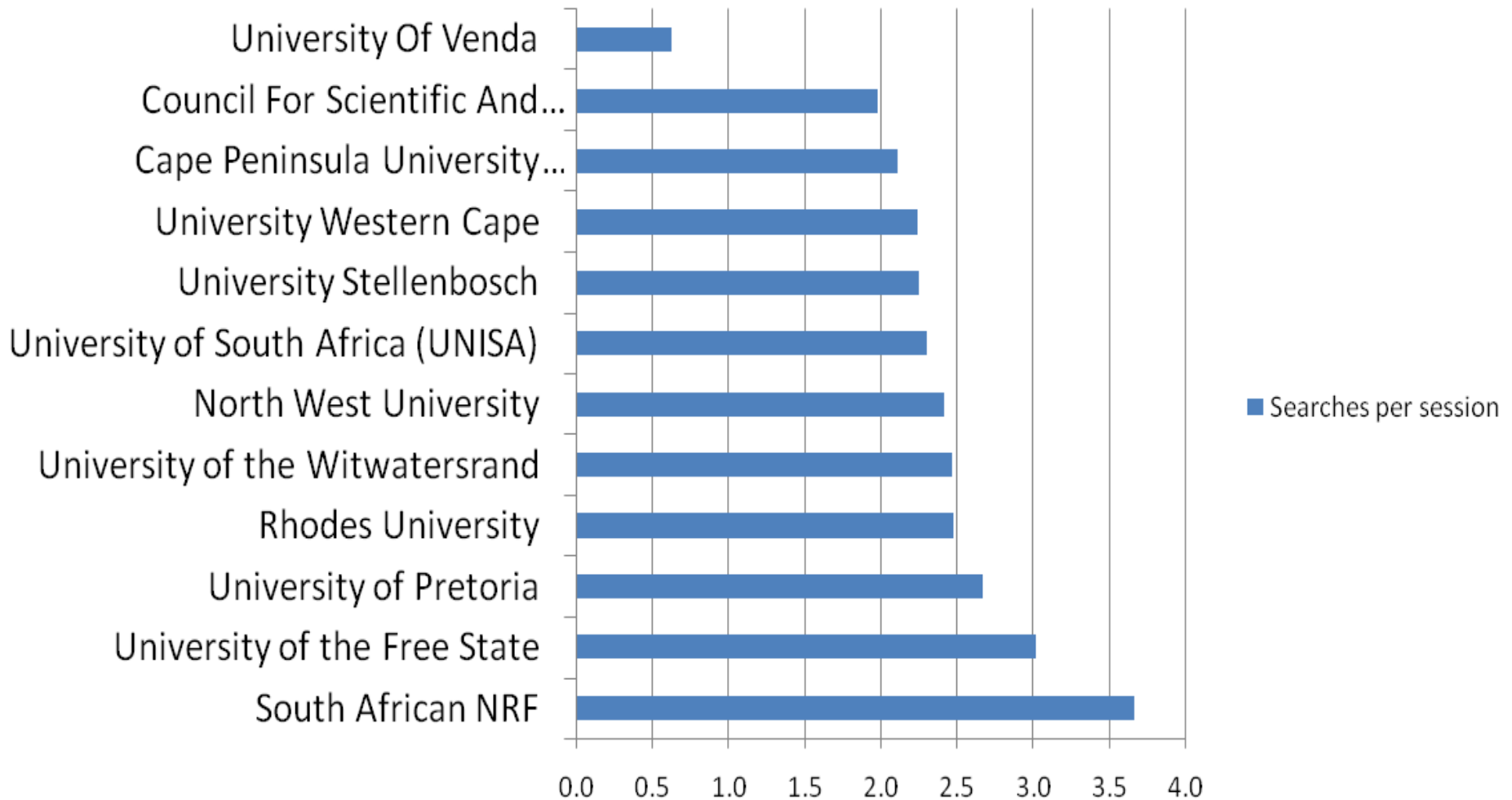


# Usage in South Africa

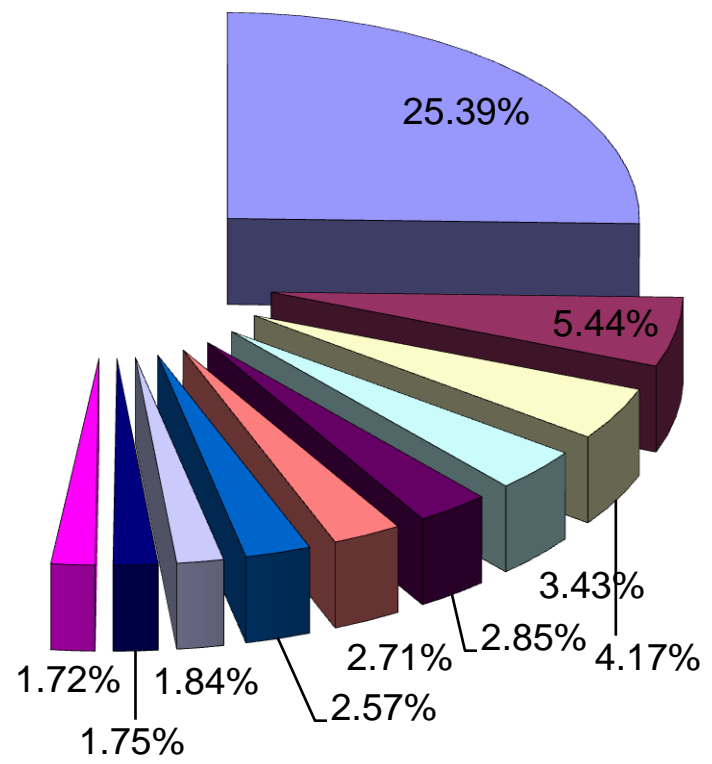
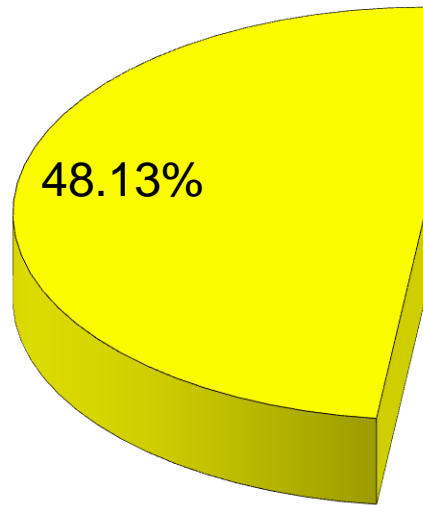


# Usage intensity in South Africa

## Searches per session



# 2009 Total % downloads from Scopus



- Elsevier BV
- American Chemical Society
- Blackwell Publishing Inc.
- Springer Verlag
- John Wiley & Sons Inc.
- Academic Press
- Kluwer Academic Publishers
- American Institute of Physics

## Scopus highlights Jan 2010 and April 2010 releases



Jan 2010

May- 2010

1. New Interface
2. Launch of Journal Ranking metrics
3. Large improvements to author and affiliation profiling and feedback mechanism
4. Indexing of author profiles in Google

- Addition of more conference proceedings
- Visualisation and low level analysis in Author Profiles
- Advancements in Integration using API

2010

# Do we need more metrics?



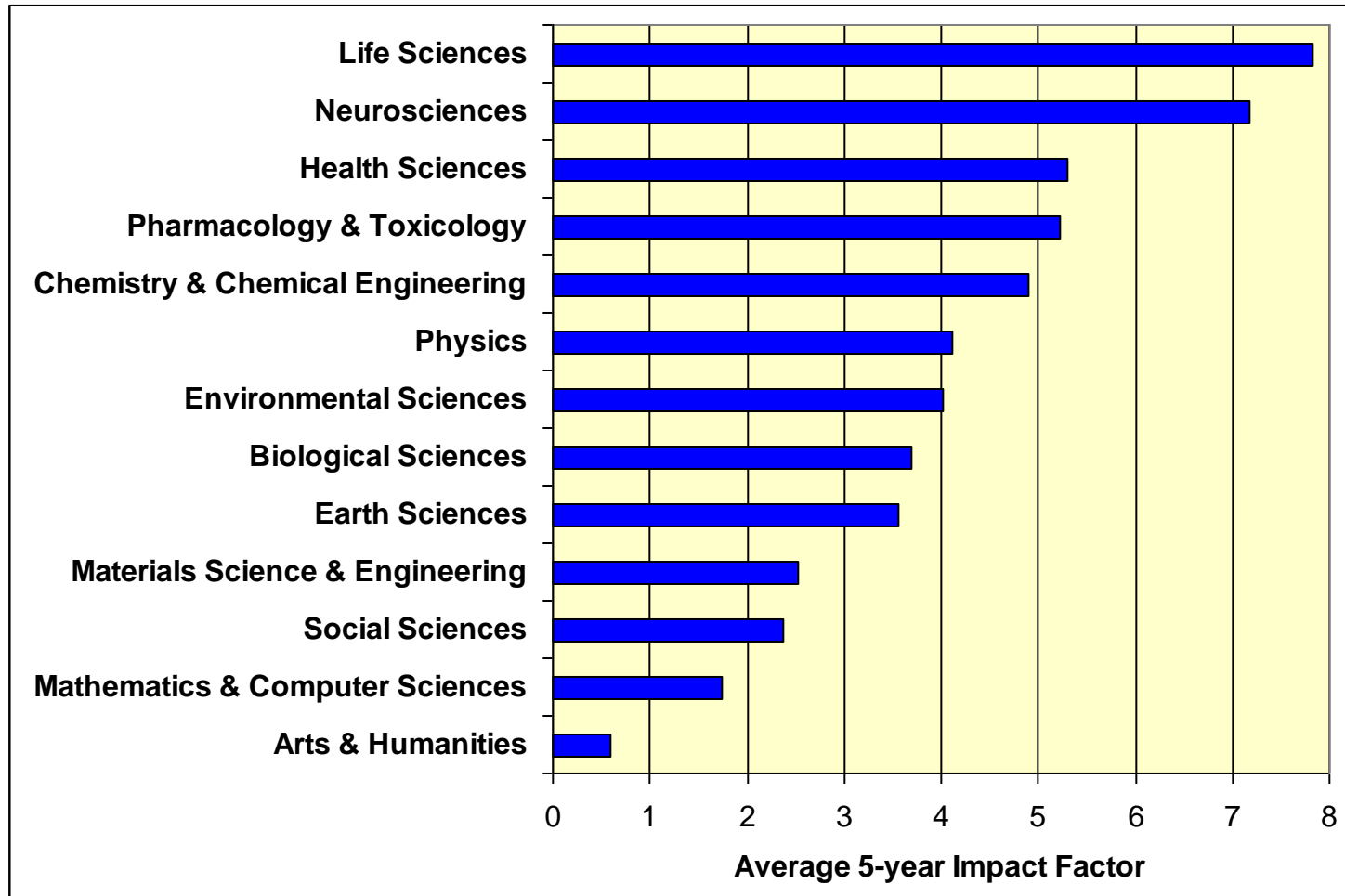
# Which journal is best?

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Journal	Impact Factor 2008*
Lancet Infectious Diseases	13.165
Social Studies of Science	1.343
Dyes & Pigments	2.507
Expert Systems with Applications	2.596
Progress in Nuclear Magnetic Resonance Spectroscopy	6.162
Communications on Pure & Applied Mathematics	3.806

\*Journal Citation Reports 2009

# Subject field differences?



Elsevier analysis of Thomson Reuters' data

# Why SJR?

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- Scimago Journal Rank will be one metric that Scopus adopts in 2009
- SJR lets you analyse all journals in Scopus
- SJR ranking is weighted, so that you can compare different fields
- SJR takes account of a journals “prestige”

# Tired of Impact Factors? Try the SJR indicator

 [nature.com](http://nature.com)



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## Gobbledygook by Martin Fenner

Martin Fenner's blog on scientific publishing in the internet age.

[» view profile](#)

MONDAY, 07 JAN 2008 - 22:10 UTC

### Tired of Impact Factors? Try the SJR indicator

Picking the right journal is one of the most important decisions when you start to work on a paper. You probably have a gut feeling of the journals that are best suited for your paper in progress. To make this decision more objective, you can rely on the [Impact Factor](#) of a journal. The Impact Factor is roughly the average number of citations per paper in a given journal and is published by [Thomson Scientific](#). Higher Impact Factors mean more prestigious journals. This information is also frequently used for job or grant applications.

Impact factors have been around for more than 40 years and they generally been very helpful. But there are two big problems:

#### **Impact Factors are published by one privately owned company**

Given the importance of Impact Factors for many aspects of scientific publishing, it would be preferable if there were alternatives. And Impact Factors are not freely available, but must be purchased from Thomson Scientific.

#### **Impact Factors might not be the best tool to measure scientific quality**

Impact factors have several shortcomings. Because they are a convenient way to judge the scientific output of a person, organization, journal or country, they are often overused. They should for example not be used to compare journals in different fields, e.g. cell biology and particle physics. Measures like the [Hirsch Number](#) might be a better tool to measure the scientific output of an individual scientist. And sometimes the judgement of your peers in the field is more important than simple numbers.

Show this information in  
your own website

Scimagojr.com

South African medical journal  
= Suid-Afrikaanse tydskrif  
vir geneeskunde

Indicator      2000-2007      Value

SJR  0.1

Cites per doc  0.86

Total  
cites  351

www.scimagojr.com



Display journal title

ELSEVIER

Building Insights. Breaking Boundaries.™

**SJR** SCImago  
Journal & Country  
Rank

EST MODUS IN REBUS  
Horatio (Satire 1,1,10)

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Country Indicators  
Country Search  
Compare  
Map Generator  
Help  
About Us

**Journal Indicators**

Ranking Parameters

Subject Area: All  
Subject Category: All  
Country: SOUTH AFRICA Year: 2007  
Order By: SJR  
Display journals with at least: 0 Citable Docs. (3 years) Refresh

Country: SOUTH AFRICA.  
Year: 2007.

Download data in MS Excel format (13 KB)

1 - 50 of 62 << First | < Previous | Next > | Last >

	Title	SJR	H index	Total Docs. (2007)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	Country
1	South African medical journal = Suid-Afrikaanse tydskrif vir geneeskunde	0,104	24	366	1.223	3.473	351	366	0,86	9,49	SOUTH AFRICA
2	South African Journal of Geology	0,099	21	47	125	2.231	117	116	0,68	47,47	SOUTH AFRICA
3	SAHARA J : Journal of Social Aspects of HIV/AIDS Research Alliance / SAHARA / Human Sciences Research Council	0,062	5	16	45	528	23	43	0,30	33,00	SOUTH AFRICA
4	Cardiovascular Journal of Southern Africa	0,061	8	48	220	1.001	70	180	0,34	20,85	SOUTH AFRICA
5	South African Journal of Science	0,057	25	108	419	3.079	265	386	0,47	28,51	SOUTH AFRICA
6	South African Journal of Wildlife Research	0,052	12	22	70	669	64	68	0,78	30,41	SOUTH AFRICA
7	Water SA	0,050	24	101	269	3.037	248	262	1,01	30,07	SOUTH AFRICA

SJR is developed by:

SCIMAGO research group

Data source: SCOPUS



# Scopus Content Selection & Advisory Board



<http://info.scopus.com/etc/suggesttitle/>



# THANK YOU

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refine your research  
**SCOPUS™**