

## Citation Analysis of *South African Journal of Wildlife Research*

*Report by Michael Somers*

This report draws on data extracted from Thomson Scientific's Web of Science. Adapted by report provided by Cuon Webster, Journals Manager, Tayler and Francis.

*NOTE: Thomson's data only measures citation from journals covered in their JCR index – crudely the top journals in the field.*

### What is being cited in *South African Journal of Wildlife Research* – and by whom?

This report is based on articles cited in *South African Journal of Wildlife Research*, 1999-2008 (year to date). With various caveats, this can be viewed as a guide to the articles in the journal which have been most valued by the research community – and which have had greatest influence.

Our analyses break down citations by country, institution, citing journal, cited article, author, institution and subject community. However, obtaining this information is not an exact science so these data must be taken as a guide only.

### Where do *South African Journal of Wildlife Research's* articles come from?

This table indices where your published articles originate from. Gaps in submission from high research areas may indicate incomplete coverage by your editorial board or a lack of awareness of Ostrich there.

Country/Territory	Record Count	% of 458
SOUTH AFRICA	189	86.30%
ENGLAND	13	5.94%
NAMIBIA	12	5.48%
USA	10	4.57%
ZIMBABWE	5	2.28%
BOTSWANA	4	1.83%
KENYA	4	1.83%
LESOTHO	4	1.83%
NORWAY	4	1.83%

AUSTRALIA	3	1.37%
NIGERIA	3	1.37%
GERMANY	2	0.91%
NETHERLANDS	2	0.91%
SWAZILAND	2	0.91%
CANADA	1	0.46%
ISRAEL	1	0.46%
JAPAN	1	0.46%
MOZAMBIQUE	1	0.46%
NEW ZEALAND	1	0.46%
OMAN	1	0.46%
POLAND	1	0.46%
SUDAN	1	0.46%
SWEDEN	1	0.46%
TANZANIA	1	0.46%
ZAMBIA	1	0.46%
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NEW ZEALAND	1	0.46%
OMAN	1	0.46%
POLAND	1	0.46%
SUDAN	1	0.46%
SWEDEN	1	0.46%
TANZANIA	1	0.46%
ZAMBIA	1	0.46%

## Which countries are citing *South African Journal of Wildlife Research*?

Researchers in 48 countries have cited *South African Journal of Wildlife Research* over the past 10 years.

The core of *South African Journal of Wildlife Research*'s citation community is South Africa, the USA and the UK with substantial citations emanating from Europe and some African states. Poor representation in Kenya, Gabon, Botswana, Zambia and, crucially, China may indicate gaps in readership in those areas. Taylor & Francis would try to rectify that, and have established offices throughout Asia in order to disseminate our journals in this key area of scientific revival. Journals that do not get read there soon may fall behind in prestige. China is expected to overtake the USA in research output by 2020.

Country	Record Count	% of 399
SOUTH AFRICA	214	53.63%
USA	81	20.30%
ENGLAND	48	12.03%
AUSTRALIA	30	7.52%
NAMIBIA	15	3.76%
FRANCE	14	3.51%
CANADA	11	2.76%
KENYA	11	2.76%
NORWAY	10	2.51%
ZIMBABWE	10	2.51%
GERMANY	9	2.26%
NETHERLANDS	9	2.26%
ITALY	8	2.01%
SPAIN	8	2.01%
NEW ZEALAND	6	1.50%
POLAND	5	1.25%
SCOTLAND	5	1.25%
CHILE	4	1.00%
INDIA	4	1.00%
SWITZERLAND	4	1.00%
ISRAEL	3	0.75%
MEXICO	3	0.75%
SWEDEN	3	0.75%
TANZANIA	3	0.75%
BOTSWANA	2	0.50%
ECUADOR	2	0.50%

PEOPLES R		
CHINA	2	0.50%
SINGAPORE	2	0.50%
SLOVAKIA	2	0.50%
SLOVENIA	2	0.50%
SWAZILAND	2	0.50%
WALES	2	0.50%
ARGENTINA	1	0.25%
BELGIUM	1	0.25%
CONGO	1	0.25%
CZECH		
REPUBLIC	1	0.25%
DENMARK	1	0.25%
GABON	1	0.25%
GHANA	1	0.25%
GUYANA	1	0.25%
JAPAN	1	0.25%
MOZAMBIQUE	1	0.25%
NEPAL	1	0.25%
PAKISTAN	1	0.25%
SAO TOME &		
PRIN	1	0.25%
TURKEY	1	0.25%
VENEZUELA	1	0.25%
W IND ASSOC		
ST	1	0.25%

### Which journals are citing *South African Journal of Wildlife Research*?

A healthy range of journals – in many disciplines – have cited *South African Journal of Wildlife Research* in the past 10 years.

SOUTH AFRICAN JOURNAL OF WILDLIFE RESEARCH  
 OSTRICH  
 AFRICAN ZOOLOGY  
 AFRICAN JOURNAL OF ECOLOGY  
 JOURNAL OF MAMMALOGY  
 JOURNAL OF ZOOLOGY  
 BIOLOGICAL CONSERVATION  
 JOURNAL OF ARID ENVIRONMENTS  
 POLAR BIOLOGY  
 WILDLIFE RESEARCH  
 AFRICAN JOURNAL OF MARINE SCIENCE

JOURNAL OF TROPICAL ECOLOGY  
 JOURNAL OF WILDLIFE MANAGEMENT  
 BIODIVERSITY AND CONSERVATION  
 CONSERVATION BIOLOGY  
 ORYX  
 ANIMAL CONSERVATION  
 JOURNAL OF THE SOUTH AFRICAN VETERINARY ASSOCIATION  
 -TYDSKRIF VAN DIE SUID-AFRIKAANSE VETERINERE VERENIGING  
 MARINE MAMMAL SCIENCE  
 MEAT SCIENCE  
 NURSE EDUCATION TODAY

SOUTH AFRICAN JOURNAL OF SCIENCE  
 AUSTRAL ECOLOGY  
 BEHAVIORAL ECOLOGY  
 ECOLOGY  
 EUROPEAN JOURNAL OF WILDLIFE RESEARCH  
 GLOBAL ECOLOGY AND BIOGEOGRAPHY  
 INTERNATIONAL JOURNAL OF WILDLAND FIRE  
 JOURNAL OF ANIMAL ECOLOGY  
 JOURNAL OF APPLIED ECOLOGY  
 JOURNAL OF PARASITOLOGY  
 MAMMAL REVIEW  
 MARINE ECOLOGY-PROGRESS SERIES

PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY  
 SOUTH AFRICAN JOURNAL OF BOTANY  
 SOUTH AFRICAN JOURNAL OF ECONOMIC  
 AND MANAGEMENT SCIENCES  
 AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY  
 ANIMAL BEHAVIOUR  
 ANTARCTIC SCIENCE  
 CANADIAN JOURNAL OF ZOOLOGY  
 -REVUE CANADIENNE DE ZOOLOGIE  
 ECOGRAPHY  
 ECOLOGICAL APPLICATIONS  
 EMU

## Which articles have been cited the most?

This table shows *South African Journal of Wildlife Research's* top 20 articles that have been cited by journals indexed by ISI, over the past 10 years. Older articles have had longer to accrue cites, so will gravitate toward the top of the listing. Articles from more recent years that have good citations indicate strong research, these authors should be especially wooed to submit again, although all authors on this table may prove promising future contributors.

(NB Web of Science does not list article titles unless journals are indexed in the JCR.)

Total Cites	Year	Article Type	Article
24	2000	Article	Bester, MN; Bloomer, JP; Bartlett, PA; et al., Final eradication of feral cats from sub-Antarctic Marion Island, southern Indian Ocean, Vol. 30(1) 53-57.
19	1999	Article	Andreka, G; Linn, IJ; Perrin, MR; et al., Range use by the wild dog in the Hluhluwe-Umfolozi Park, South Africa, Vol. 29(1) 1-9.
18	2000	Article	van der Waal, C; Dekker, B, Game ranching in the Northern Province of South Africa, Vol. 30(4) 151-156.
13	1999	Article	Wirminghaus, JO; Downs, CT; Symes, CT; et al., Conservation of the Cape parrot in southern Africa, Vol. 29(4) 118-129.
11	2002	Review	Bester, MN; Bloomer, JP; van Aarde, RJ; et al., A review of the successful eradication of feral cats from sub-Antarctic Marion Island, Southern Indian Ocean, Vol. 32(1) 65-73.
11	2004	Article	Wiseman, R; Page, BR; O'Connor, TG, Woody vegetation change in response to browsing in Ithala Game Reserve, South Africa, Vol. 34(1)

			25-37.
10	2002	Article	Gureja, N; Owen-Smith, N, Comparative use of burnt grassland by rare antelope species in a lowveld game ranch, South Africa, Vol. 32(1) 31-38.
9	2005	Article	Codron, D; Codron, J; Lee-Thorp, JA; et al., Animal diets in the Waterberg based on stable isotopic composition of faeces, Vol. 35(1) 43-52.
9	2001	Article	Fuller, JA; Perrin, MR, Habitat assessment of small mammals in the Umvoti Vlei Conservancy, KwaZulu-Natal, South Africa, Vol. 31(1-2) 1-12.
9	2000	Article	Avenant, NL, Small mammal community characteristics as indicators of ecological disturbance in the Willem Pretorius Nature Reserve, Free State, South Africa, Vol. 30(1) 26-33.
8	1999	Article	Perrin, MR; Brereton-Stiles, R, Habitat use and feeding behaviour of the buffalo and the white rhinoceros in the Hluhluwe-Umfolozi Game Reserve, Vol. 29(3) 72-80.
7	2006	Article	Funston, PJ; Mis, MGL, The influence of lion predation on the population dynamics of common large ungulates in the Kruger National Park, Vol. 36(1) 9-22.
7	2006	Article	Hofmeyr, GJG; Bester, MN; Makhado, AB; et al., Population changes in subantarctic and Antarctic fur seals at Marion Island, Vol. 36(1) 55-68.
7	2000	Article	Wirringhaus, JO; Downs, CT; Symes, CT; et al., Abundance of the Cape parrot in South Africa, Vol. 30(1) 43-52.
7	2001	Article	Barnes, JI, Economic returns and allocation of resources in the wildlife sector of Botswana, Vol. 31(3-4) 141-153.
7	2003	Article	Marker, LL; Muntifering, JR; Dickman, AJ; et al., Quantifying prey preferences of free-ranging Namibian cheetahs, Vol. 33(1) 43-53.
7	2000	Article	Perrin, MR; Carugati, C, Food habits of coexisting Cape clawless otter and spotted-necked otter in the KwaZulu-Natal Drakensberg, South Africa, Vol. 30(2) 85-92.

7	1999	Article	Ferreira, SM; Bester, MN, Chemical immobilization, physical restraint and stomach lavaging of fur seals at Marion Island, Vol. 29(3) 55-61.
7	1998	Article	Malan, G, Summer grassland cover on cattle farms in KwaZulu-Natal: Does it limit nesting habitat for helmeted guineafowl?, Vol. 28(4) 105-109.
6	2004	Article	Lindsey, P; du Toit, JT; Mills, MGL, The distribution and population status of African wild dogs ( <i>Lycaon pictus</i> ) outside protected areas in South Africa, Vol. 34(2) 143-151.

This table shows the articles that received the most Impact Factor (IF) citations, contributing to a past Impact Factor (IF). These data are useful when considering strategies to drive up IF.

IF Cites	Year	Article Type	Article
7	2006	Article	Funston, PJ; Mis, MGL, The influence of lion predation on the population dynamics of common large ungulates in the Kruger National Park, Vol. 36(1) 9-22.
6	2006	Article	Hofmeyr, GJG; Bester, MN; Makhado, AB; et al., Population changes in subantarctic and Antarctic fur seals at Marion Island, Vol. 36(1) 55-68.
5	2000	Article	Bester, MN; Bloomer, JP; Bartlett, PA; et al., Final eradication of feral cats from sub-Antarctic Marion Island, southern Indian Ocean, Vol. 30(1) 53-57.
5	2005	Article	Codron, D; Codron, J; Lee-Thorp, JA; et al., Animal diets in the Waterberg based on stable isotopic composition of faeces, Vol. 35(1) 43-52.
3	2002	Review	Bester, MN; Bloomer, JP; van Aarde, RJ; et al., A review of the successful eradication of feral cats from sub-Antarctic Marion Island, Southern Indian Ocean, Vol. 32(1) 65-73.
3	2000	Article	Wirringhaus, JO; Downs, CT; Symes, CT; et al., Abundance of the Cape parrot in South Africa, Vol. 30(1) 43-52.
3	2004	Article	du Toit, M; Bartlett, PA; Bester, MN; et al., Seabird predation by individual seals at Ichaboe

			Island, Namibia, Vol. 34(1) 45-54.
3	2005	Article	Slotow, R; Garai, ME; Reilly, B; et al., Population dynamics of elephants re-introduced to small fenced reserves in South Africa, Vol. 35(1) 23-32.
3	2006	Article	Mackey, RL; Page, BR; Duffy, KJ; et al., Modelling elephant population growth in small, fenced, South African reserves, Vol. 36(1) 33-43.
3	2005	Article	Matson, TK; Goldizen, AW; Putland, DA, Factors affecting the vigilance and flight behaviour of impalas, Vol. 35(1) 1-11.
2	2004	Article	Wiseman, R; Page, BR; O'Connor, TG, Woody vegetation change in response to browsing in Ithala Game Reserve, South Africa, Vol. 34(1) 25-37.
2	2002	Article	Gureja, N; Owen-Smith, N, Comparative use of burnt grassland by rare antelope species in a lowveld game ranch, South Africa, Vol. 32(1) 31-38.
2	2001	Article	Fuller, JA; Perrin, MR, Habitat assessment of small mammals in the Umvoti Vlei Conservancy, KwaZulu-Natal, South Africa, Vol. 31(1-2) 1-12.
2	2000	Article	Avenant, NL, Small mammal community characteristics as indicators of ecological disturbance in the Willem Pretorius Nature Reserve, Free State, South Africa, Vol. 30(1) 26-33.
2	2004	Article	Lindsey, P; du Toit, JT; Mills, MGL, The distribution and population status of African wild dogs ( <i>Lycaon pictus</i> ) outside protected areas in South Africa, Vol. 34(2) 143-151.
2	2004	Article	Traill, LW, Seasonal utilization of habitat by large grazing herbivores in semi-arid Zimbabwe, Vol. 34(1) 13-24.
2	2003	Article	Kirkman, SP; Bester, MN; Pistorius, PA; et al., Variation in the timing of moult in southern elephant seals at Marion Island, Vol. 33(2) 79-84.
2	2004	Article	Hill, RA; Barrett, L; Gaynor, D; et al., Day length variation and seasonal analysis of behaviour, Vol. 34(1) 39-44.
2	2001	Article	van Niekerk, JH, Social and breeding behaviour of the crested francolin in the Rustenburg district,

			South Africa, Vol. 31(1-2) 35-42.
2	2006	Article	Shrader, AM; Ferreira, SM; van Aarde, R, Digital photogrammetry and laser rangefinder techniques to measure African elephants, Vol. 36(1) 1-7.

### 1.5 Which institutions have cited papers in *South African Journal of Wildlife Research*?

This table shows the institutional affiliation of authors who have cited *South African Journal of Wildlife Research* 5 times or more. Where an article has multiple authors, all institutions are listed.

Institution Name	Record Count	% of 399
UNIV PRETORIA	65	16.29%
UNIV CAPE TOWN	36	9.02%
UNIV KWAZULU NATAL	30	7.52%
UNIV STELLENBOSCH	29	7.27%
UNIV WITWATERSRAND	16	4.01%
UNIV NATAL	12	3.01%
RHODES UNIV	10	2.51%
NELSON MANDELA METROPOLITAN UNIV	9	2.26%
TEXAS A&M UNIV	8	2.01%
UNIV BRADFORD	8	2.01%
UNIV TASMANIA	8	2.01%
NATL MUSEUM	7	1.75%
TSHWANE UNIV TECHNOL	7	1.75%
UNIV COLORADO	7	1.75%
AUSTRALIAN ANTARCTIC DIV	6	1.50%
CHARLES DARWIN UNIV	6	1.50%
AGR UNIV WROCLAW	5	1.25%
CNRS	5	1.25%
CSIR	5	1.25%
DEPT ENVIRONM AFFAIRS & TOURISM	5	1.25%
MPALA RES CTR	5	1.25%
SCI SERV	5	1.25%
UNIV CALIF DAVIS	5	1.25%
UNIV OXFORD	5	1.25%

### 1.6 Which communities have cited *South African Journal of Wildlife Research*?

The core is clearly in the disciplines of Ecology and Zoology – as one would expect – with significant contributions from a wide range of adjacent disciplines. The discipline highlighted in green account for a

significant slice of research and thus *South African Journal of Wildlife Research's* marketing should be, at least partly, inter-disciplinary.

Subject area	Number of citations	% of citations
ECOLOGY	195	48.87%
ZOOLOGY	158	39.60%
ENVIRONMENTAL SCIENCES	45	11.28%
BIODIVERSITY CONSERVATION	40	10.03%
ORNITHOLOGY	22	5.51%
MARINE & FRESHWATER BIOLOGY	20	5.01%
VETERINARY SCIENCES	14	3.51%
GEOGRAPHY, PHYSICAL	11	2.76%
MULTIDISCIPLINARY SCIENCES	8	2.01%
PLANT SCIENCES	8	2.01%
BIOLOGY	7	1.75%
FOOD SCIENCE & TECHNOLOGY	7	1.75%
GEOSCIENCES, MULTIDISCIPLINARY	7	1.75%
BEHAVIORAL SCIENCES	6	1.50%
ECONOMICS	6	1.50%
EVOLUTIONARY BIOLOGY	6	1.50%
FORESTRY	6	1.50%
NURSING	6	1.50%
ENVIRONMENTAL STUDIES	5	1.25%