

From survivors to an amazing race team

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Southern African Online User Group (SAOUG)
Training Tips Talk
8 October 2009



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
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Denkeleers • Leading Minds • Dikgopolo tša Dihalefi

My Specialities



- Contact with clients
- Databases
- Training
- Bibliometrics – Research evaluation

Contact with clients



- **Visiting clients regularly**
 - visibility
 - grievances (listen and do something about it)
 - what do they work on (attend meetings, research days and open lectures)
 - new developments/courses

Contact with clients (contd)



- **E-mails**

- List serves of clients
- Create groups on e-mail
- New Book and Journal announcements
- Newsletters

Databases

Collection building



- Know applicable databases in field
- Evaluate them regularly
- New databases in field
- Compare with current ones

Database usage



- Proper searching skills
- Knowledge of applicable databases
- Tutorials and help screens
- Alerts, RSS feeds
- Usage statistics

Training



- Acquire training and presentation skills
- Connected to assignment
- Cooperate with lecturer – objectives
- Not too much at a time
- Make powerpoint available

Contents of training



HOW

- Analyse the topic
- Identification of keywords
- Use of Boolean operators

WHERE

- Catalogue (encyclopaedias, handbooks)
- Relevant databases
- Internet

Contents of training (contd.)



Report writing

- Copyright
- Plagiarism
- Referencing techniques

Where to publish

- Accredited journals (JCR, DOE list)
- Citations and H-index

Lifelong learning

Bibliometrics – Research evaluation



Journal evaluation

- ISI JCR (Journal Citation Reports)
- Scopus Journal analyzer

Uses

- Where to publish
- Collection building

ISI Journal Citation Report

Journal Summary List

[Journal Title Changes](#)

Journals from: subject categories **AGRICULTURAL ECONOMICS & POLICY; AGRICULTURAL ENGINEERING; AGRICULTURE, DAIRY & ANIMAL SCIENCE; AGRICULTURE, MULTIDISCIPLINARY** [VIEW CATEGORY SUMMARY LIST](#)

Sorted by: **Impact Factor** [SORT AGAIN](#)

Journals 1 - 20 (of 98)

« « [1 | 2 | 3 | 4 | 5] » » »

Page 1 of 5

[MARK ALL](#) [UPDATE MARKED LIST](#)

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data ⁱ						Eigenfactor™ Metrics ⁱ	
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor™ Score	Article Influence™ Score
<input type="checkbox"/>	1	BIORESOURCE TECHNOL	0960-8524	14702	4.453	4.815	0.586	1228	5.2	0.03327	0.960
<input type="checkbox"/>	2	AGR ECOSYST ENVIRON	0167-8809	6468	2.884	2.980	0.425	186	6.2	0.02259	1.000
<input type="checkbox"/>	3	J AGR FOOD CHEM	0021-8561	51062	2.562	3.165	0.341	1670	6.5	0.10790	0.690
<input type="checkbox"/>	4	BIOMASS BIOENERG	0961-9534	3885	2.540	3.588	0.370	146	6.0	0.01155	0.998
<input type="checkbox"/>	5	J DAIRY SCI	0022-0302	24039	2.486	2.978	0.362	517	9.5	0.03272	0.582
<input type="checkbox"/>	6	ANIM GENET	0268-9146	2456	2.459	2.602	0.274	117	7.0	0.00633	0.711
<input type="checkbox"/>	7	DOMEST ANIM ENDOCRIN	0739-7240	1733	2.165	2.231	0.674	86	6.5	0.00367	0.524
<input type="checkbox"/>	8	J ANIM SCI	0021-	84100	2.100	2.500	0.400	800	10.0	0.00000	0.500

Done

Local intranet

100%

Scopus Journal Analyzer

Quick Search

Go

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Library Catalogue

Journal Analyzer

E-mail

Print

Search Journals to add in Chart

hortscience

Journal Title

Limit by Subject Area

Search

Results: 1 Sources Found (double-click or drag to add)

Journal Title	ISSN
Hortscience: A Publication of the American Society	00185345

Total Citations

Articles Published

Trend Line

% Not Cited

80

60

40

20

0

Trend Line

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

2007

2008

2009

Zoom Year

Note: Scopus does not have complete citation information for articles published before 1996.

Calculations Last Updated: 29 May 2009

Trend Line = (Total citations received in the year) ÷ (Total papers published in the year)

Close

Journal of Experimental Botany

Show Info

X

Journal of Economic Entomology

Show Info

X

Phytopathology

Show Info

X

Acta Horticulturae

Show Info

X

Hortscience: A Publication of the American Society for Horticultural Sci...

Show Info

X

(5) Internet Explorer

100%

start

2 Novell...

Microsoft ...

5 Intern...

3 Micros...

04:31 PM

Bibliometrics (contd)

- Author Citations and H-index
 - ISI Web of Science
 - Scopus
- NRF
 - Funding
 - Rating researchers
- Other uses
 - Evaluation of staff
 - New Appointments



To determine the H-index, do an author search and organise the articles according to citation

	Document (sort by relevance)	Author(s)	Date	Source Title	↓ Cited By
1.	<input type="checkbox"/> Electrical characterization of 1.8 MeV proton-bombarded ZnO Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Goodman, S.A. , Hayes, M. , Legodi, M.J. , Van Laarhoven, H.A. , Look, D.C.	2001	<i>Applied Physics Letters</i> 79 (19), pp. 3074-3076	124
2.	<input type="checkbox"/> Electrical characterization of vapor-phase-grown single-crystal ZnO Abstract + Refs View at Publisher	Auret, F.D. , Goodman, S.A. , Legodi, M.J. , Meyer, W.E. , Look, D.C.	2002	<i>Applied Physics Letters</i> 80 (8), pp. 1340	68
3.	<input type="checkbox"/> Proton bombardment-induced electron traps in epitaxially grown n-GaN Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Goodman, S.A. , Koschnick, F.K. , Spaeth, J.-M. , Beaumont, B. , Gibart, P.	1999	<i>Applied Physics Letters</i> 74 (3), pp. 407-409	53
4.	<input type="checkbox"/> Electrical characterization of two deep electron traps introduced in epitaxially grown n-GaN during He-ion irradiation Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Goodman, S.A. , Koschnick, F.K. , Spaeth, J.-M. , Beaumont, B. , Gibart, P.	1998	<i>Applied Physics Letters</i> 73 (25), pp. 3745-3747	51
5.	<input type="checkbox"/> The influence of high energy proton bombardment on the electrical and defect properties of single-crystal ZnO Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Goodman, S.A. , Hayes, M. , Legodi, M.J. , Van Laarhoven, H.A. , Look, D.C.	2001	<i>Journal of Physics Condensed Matter</i> 13 (40), pp. 8989-8999	31
6.	<input type="checkbox"/> Sputter deposition-induced electron traps in epitaxially grown n-GaN Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Goodman, S.A. , Koschnick, F.K. , Spaeth, J.-M. , Beaumont, B. , Gibart, P.	1999	<i>Applied Physics Letters</i> 74 (15), pp. 2173-2175	31
7.	<input type="checkbox"/> Radiation induced defects in MOVPE grown n-GaN Abstract + Refs View at Publisher Show Abstract	Goodman, S.A. , Auret, F.D. , Koschnick, F.K. , Spaeth, J.-M. , Beaumont, B. , Gibart, P.	2000	<i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> 71, pp. 100-103	25
8.	<input type="checkbox"/> The effect of alpha-particle and proton irradiation on the electrical and defect properties of n-GaAs	Goodman, S.A. , Auret, F.D. , Meyer, W.E.	1994	<i>Nuclear Inst. and Methods in Physics</i>	25

The H-index is that amount of articles that have at least that amount of citations or more.

	Abstract + Refs View at Publisher Show Abstract	Wu, L. , Legodi, M.J. , Meyer, W.E. , Hayes, M.	<i>B: Chemical</i> 100 (1-2), pp. 270-276	
10. <input type="checkbox"/>	Electrical characterization of defects introduced in p-Si1-xGex during electron-beam deposition of Sc Schottky barrier diodes Abstract + Refs View at Publisher Show Abstract	Mamor, M. , Auret, F.D. , Goodman, S.A. , Myburg, G.	1998 <i>Applied Physics Letters</i> 72 (9), pp. 1069-1071	18
11. <input type="checkbox"/>	A deep level transient spectroscopy analysis of electron and hole traps in bulk-grown GaAs Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Leitch, A.W.R. , Vermaak, J.S.	1986 <i>Journal of Applied Physics</i> 59 (1), pp. 158-163	18
12. <input type="checkbox"/>	Thermal stability of rhenium Schottky contacts on n-type AlxGa1-xN Abstract + Refs View at Publisher	Zhou, L. , Khan, F.A. , Cueva, G. , Kumar, V. , Adesida, I. , Sardela Jr., M.R. , Auret, F.D.	2002 <i>Applied Physics Letters</i> 81 (9), pp. 1624	17
13. <input type="checkbox"/>	Electrical characterization of growth-induced defects in bulk-grown ZnO Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Nel, J.M. , Hayes, M. , Wu, L. , Wesch, W. , Wendler, E.	2006 <i>Superlattices and Microstructures</i> 39 (1-4), pp. 17-23	16
14. <input type="checkbox"/>	Summary of Schottky barrier height data on epitaxially grown n- and p-GaAs Abstract + Refs View at Publisher Show Abstract	Myburg, G. , Auret, F.D. , Meyer, W.E. , Louw, C.W. , Van Staden, M.J.	1998 <i>Thin Solid Films</i> 325 (1-2), pp. 181-186	16
15. <input type="checkbox"/>	Electronic and transformation properties of a metastable defect introduced in n-type GaAs by α-particle irradiation Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Erasmus, R.M. , Goodman, S.A. , Meyer, W.E.	1995 <i>Physical Review B</i> 51 (24), pp. 17521-17525	16
16. <input type="checkbox"/>	Defect introduction in epitaxially grown n-GaN during electron beam deposition of Ru Schottky contacts Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Goodman, S.A. , Myburg, G. , Koschnick, F.K. , Spaeth, J.-M. , Beaumont, B. , Gibart, P.	1999 <i>Physica B: Condensed Matter</i> 273-274, pp. 84-87	14
17. <input type="checkbox"/>	Electronic and annealing properties of a metastable He-ion implantation induced defect in GaAs Abstract + Refs View at Publisher Show Abstract	Auret, F.D. , Goodman, S.A. , Erasmus, R.M. , Meyer, W.E. , Myburg, G.	1995 <i>Nuclear Inst. and Methods in Physics Research, B</i> 106 (1-4), pp. 323-327	14



By doing all these, I find my job
An Amazing Race
and I love it!