Trends in Academic and Professional Online Information Services

Dr. Peter Jacso, Professor

Department of Information and Computer Sciences University of Hawaii, USA

May 22, 2007



25 years ago they reigned supreme























Then came the free Web-born search services from the mid-1990s





















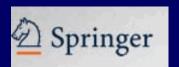






... and the government agencies, societies, publishers & their digital facilitators























IOP Institute of Physics









































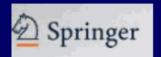
































IOP Institute of Physics

THE trend

- Bad trend: Worshipping Google, Google This, Google That – the digital personality cult era led by Nature magazine's naïve journalists, some naïve academics & some "blahging" groupie bloggers
- Best trend (and my hope): Scholarly & Pro services will not do what Google Scholar does, (Google is mostly fine)
- Diploma mill scholarship at best in Google Scholar & the mantra of "We don't need no education – we don't need no metadata, we don't need no Boolean mind control" – and the consequences

What is true



What is untrue

The Boolean
untruth of
Google
Scholar



And what is Google's truth - Use your common sense and not Google Scholar which shows only the first 1,000 "hits" if you doubt, the rest at best is in the domain of 1001 Arabian Nights



More than 3 times as many records for 2006-2007 than for 2005-2007? GS should take that first grade math class again, and stop bluffing its absurd hit counts and citedness counts. You will loose face dispensing such nonsense.

Google	Web Images	<u>Video News Maps</u>	more »
Scholar O BETA			2005 - 2007
Scholar All articles	Recent articles	Results 1 - 100 of al	oout 225,000 . (0.11 seconds)
<u> </u>			
Google	Web Images	<u>Video News Maps</u>	more »
Scholar O BETA			2006 - 2007
Scholar All articles	Recent articles	Results 1 - 100 of abo	ut 822,000 . (0.20 seconds)
	Web Images Recent articles	<u>Video</u> <u>News</u> <u>Maps</u> Results 1 - 100 of abo	2006 - 2007

Is this illiteracy and/or innumeracy? The search was done in October, 2005



semiconductors

2006

. 12006

_S6



Scholar

Results 1 - 2 of 2 for semiconductors.

Far-infrared time-domain spectroscopy with terahertz beams of dielectrics and

semiconductors

DiGrischkowsky, SiKeiding, Mivan Exter, Cl... - JOSA B., 2006 - josabdev.osa.org

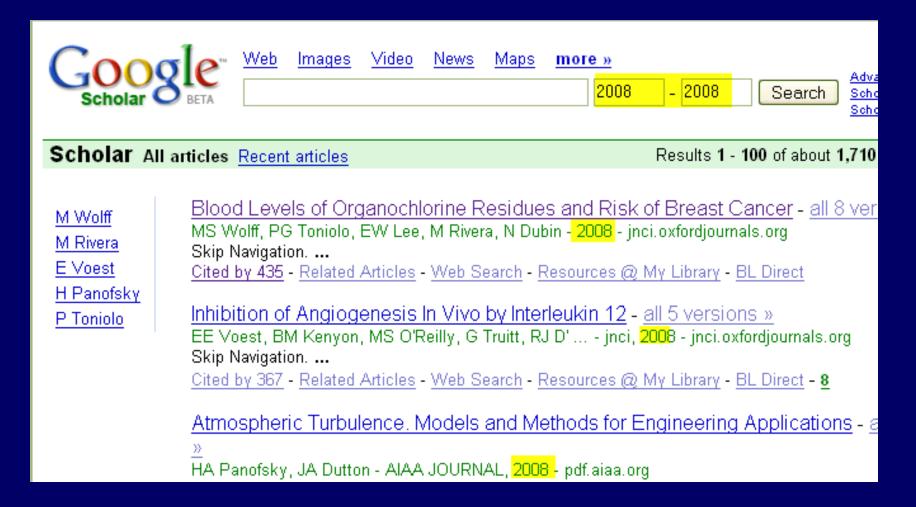
... Far-infrared time-domain spectroscopy with terahertz beams of dielectrics and semiconductors. D. Grischkowsky, Soren Keiding, Martin van Exter, Ch. Fattinger. ...

<u> Cited by 98 - Web Search - josab.osa.org - adsabs.harvard.edu</u>

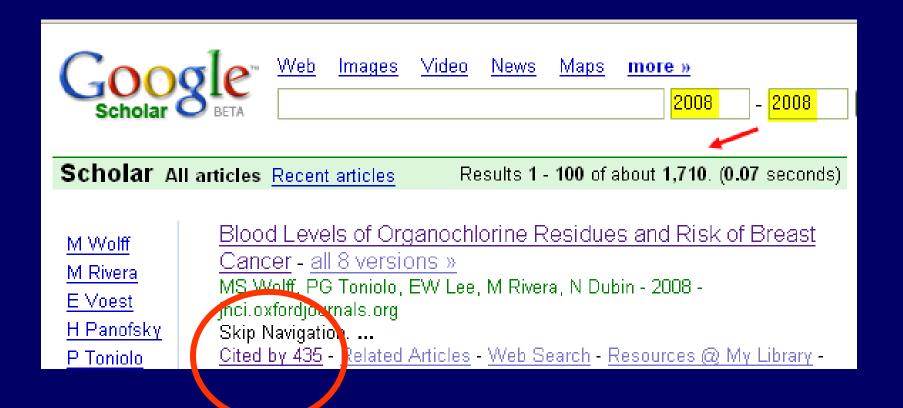
Google Scholar the mis-matchmaker



What will be published in 2008? Nobody can be so recent as Google Scholar



Omnipotent & omniscient Google Scholar has information about papers to be published in 2008. It claims that the top-listed item was already cited by 435 papers



...or maybe something is wrong with millions of items in Google Scholar's snake oil counts

JNC JOURNAL OF THE NATIONAL CANCER INSTITUTE

ABOUT THIS JOURNAL

CONTACT THIS JOURNAL

SUBSCRIPTIONS

CURRENT ISSUE

Oxford Journals > Medicine > Journal of the National Cancer Institute > Volume 85, Number 8 > Pp. 648-652

JNCI Journal of the National Cancer Institute 1993 85(8):648-652; doi:10.1093/jnci/85.8.648

© 1993 by Oxford University Press

Journal of the National Cancer Institute, Vol. 85, No. 8, 648-652, April 21<mark>, 1993</mark>

© 1993 Oxford University Press

Blood Levels of Organochlorine Residues and Risk of Breast Cancer

Mary S. Wolff, Paolo G. Toniolo, Eric W. Lee, Marilyn Rivera, Neil Dubin

This

- Full Text (PDF)
- Alert me when t
- Alert me if a cor

Se

- Email this article
- Similar articles i
- Similar articles i

The purported citing items were written a decade earlier



Scholar Results 1 - 100 of about 435 citing Wolff: Blood Levels of Organochlorine Residues and Risk of Breast Cancer.

All Results

M Wolff

C Sonnenschein

M Sovak

D Hunter

R Kaylock

Aberrant Nuclear Factor-kappa B/Rel Expression and the Pathogenesis of Breast

Cancer - Full-Text @ My Library - all 3 versions »

MA Sovak, RE Bellas, DW Kim, GJ Zanieski, AE ... - J. Clin. Invest, 1997 Am Soc Clin Investig

Expression of nuclear factor- B (NF- B)/Rel transcription factors has recently been found to promote cell survival, inhibiting the induction of apoptosis. In most cells other than B lymphocytes, NF- B/Rel is inactive, sequestered in ...

Cited by 332 - Related Articles - Web Search - BL Direct - 8

Research Needs for the Risk Assessment of Health and Environmental Effects of

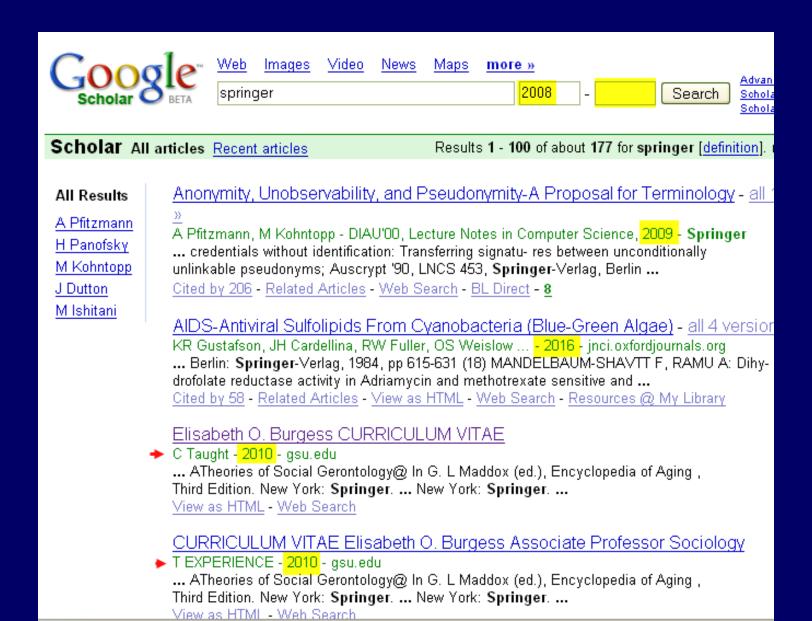
Endocrine Disruptors: ... - Full-Text @ My Library - all 9 versions »

RJ Kavlock, GP Daston, C DeRosa, P Fenner-Crisp, ... - Environmental Health Perspectives 1996 JSTOR

Research Needs for the Risk Assessment of Health and Environmental Effects of Endocrine Disruptors: A Report of the US EPA-Sponsored Workshop, Robert J. Kavlock, George P. Daston, Chris DeRosa, Penny Fenner-Crisp, L. Earl Gray, Steve Kaattari ...

Cited by 340 - Related Articles - Web Search - BL Direct - 8

Google Scholar can see the future far-far beyond today – a real guru ... or is it?



It considers course numbers, telephone numbers, street addresses as publication years as long as they are 4-digit strings

Fall 1997 Assistant Professor, Department of Sociology, Georgia State University. to 2004

Fall 1996 Instructor, Department of Sociology, Mt. St. Mary's College, "Research

Methods"

Courses Taught

Undergraduate

this is the author C

SOCI 3030: Sociological Theory SOCI 3101: Families and Society SOCI 3156: Sexuality and Society SOCI 4116: Aging and Society

WMST 2010: Introduction to Women's Studies

Graduate

SOCI 8101: Family Sociology

SOCI 8102: Life Course Sociology

this is the publication year

SOCI 8116: Sociology of Aging SOCI 8156: Sociology of Sexuality

SOCI 8900: Special Topics-Sociology of Sport

SOCI 8900: Special Topics - Sexual Identities

Who is cited & what is cited?

Who is R. Card?

<u>Pat</u> JP logic fractures associated with tumors and unique conditions of the musculoskeletal system.

/rmans, JM Flynn - Rockwood and

/1. 6 PATHOLOGIC FRACTURF Pat

MUSCULOSKELETAL SYSTEM 👡

🛮 by 4 - View as HTML - Web Search

STD article in Circulation

VE CONDITIONS OF

↓ww.com

Sekually Transmitted Diseases

R Card - Circulation, 2000 - Iww.com

Page 1. Classified Advertising Rate Card Please visit our site at: http://www. stdjournal.com F OR I NFORMATION AND A D P LACEMENT C ONTACT

Cited by 4- View as HTML-Web Search-lww.com

Cited only 4 times in 7.5 years?

Oh, this is advertising circulation data

Sexually Transmitted Diseases

CLASSIFIED Advertising

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Official Journal of the American Sexua / Transmitted Diseas

BONUS DISTRIBUTION:

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Please visit our site at: http://www.stdjournal.com

FOR INFORMATION AND AD PLACEMENT CONTACT:

MELISSA MOODY SEXUALLY TRANSMITTED DISEASES LIPPINCOTT WILLIAMS & WILKINS 351 W. CAMDEN STREET

CIRCULATION

1,402 Physicians and others int clinical aspects of sexual diseases including special health, dermatology and infection

ISSUANCE AND DEADLINES Frequency: Monthly

January
February
March1/20
April
May3/22
June4/20
July
August
September
October
November
December

LINE RATES

And this is the journal name

4ssociation

and prominent in the areas of infections with viruses, mycoplasma, and chlamydia, as well as N. gonorrhea and the treponemes and experts in immunology and epidemiology.

MECHANICAL REQUIREMENTS

	WIDTH	HEIGHT
1 Page	7"	10"
1/2 Page (H)	7"	4 7/8"
1/2 Page (V)	3 3/8"	10"
1/4 Page	3 3/8"	4 7/8"

Journal Trim Size: 8 1/4" x 11"

Typesetting

Well published, well cited authors - members of the Introduction family

introduction

I Introduction

A Introduction

A SIDERIS

U INTRODUCTION

T Introduction

Recommendations for Evaluation of the Severity of Native Valvular

Regurgitation with Two-dimensional ... - Full-Text @ My Library - all 5

versions »

A INTRODUCTION - J Am Soc Echocardiogr, 2003 - asecho.org
Valvular regurgitation has long been recognized as an important cause of
morbidity and mortality. Although the physical examination can alert the
clinician to the presence of significant regurgitation, diagnostic methods ...

Cited by 124 - Related Articles - View as HTML - Web Search - BL Direct - 8

Reactions of Transition Metal Complexes with Fullerenes (C 60, C 70, etc.) and Related Materials - Full-Text @ My Library - all 5 versions »

| Introduction - Chem. Rev, 1998 - dns.ntu-ccms.ntu.edu.tw

Page 1. Reactions of Transition Metal Complexes with Fullerenes (C 60 , C 70 , etc.) and Related Materials Alan L. Balch* and Marilyn M. Olmstead The Department of Chemistry, University of California, Davis, California 95616 ...

Cited by 79 - Related Articles - View as HTML - Web Search - BL Direct - 8

SHOTGUN LIPIDOMICS: ELECTROSPRAY IONIZATION MASS SPECTROMETRIC ANALYSIS AND QUANTITATION OF CELLULAR

... - Full-Text @ My Library - all 3 versions »

I INTRODUCTION - Mass Spectrometry Reviews, 2005 - doi.wiley.com
Lipidomics, after genomics and proteomics, is a newly and rapidly expanding
research field that studies cellular lipidomes andtheorganizationalhierarchyof
lipidandproteinconstituents mediating life processes. Lipidomics is greatly ...

Cited by 47 - Related Articles - Web Search - 8

...and of the Preface family with not so sophisticated clustering

Scholar All articles Recent articles Results 1 - 100 of about 606 for author:preface. (0.17)

preface

G GEIS

D Preface

l Preface

P Preface

K Gould

White-Collar Crime - all 3 versions »

G GEIS, P<mark>J **Preface**, JT</mark>W Accountancy - The ANNALS of the American Acade Political and Social ..., 1993 - ann.sagepub.com

To see an article, click its [PDF] link. To review many abstracts, check the boxes to the left of the titles you want, and click the 'Get All Checked Abstract(s)' button. To see one abstract at a time, click its [Abstract] link.

Cited by 30 - Related Articles - Web Search - Resources @ My Library - Library

- <u>8</u>

Managing skin and soft tissue infections: expert panel recommends on key decision points - all 5 versions »

K Gould, DR **Preface** - J. Antimicrob. Chemother, 2003 - jac.oupjournals.org Disclaimer: Every effort has been made to faithfully reproduce the abstracts as submitted. However, no responsibility is assumed by the organizers for any injury and/or damage to persons or property as a matter of product ...

Cited by 24 - Related Articles - Web Search - Library Search - BL Direct - 8



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Péter's Digital Reference Shelf

March 2007



Title: Science.gov

Publisher: Deep Web Technologies

URL: http://www.science.gov

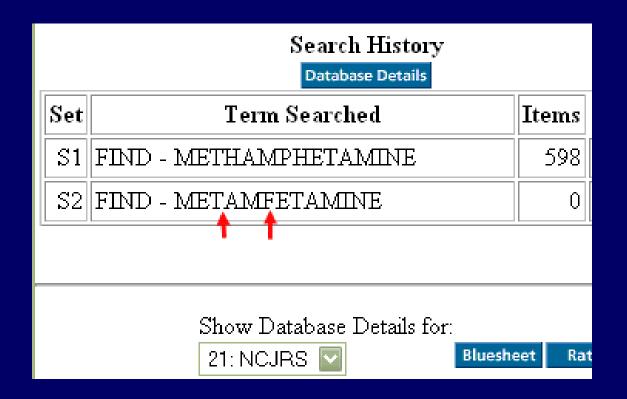
Cost: free

Major trends (and action verbs) Innovate, Illuminate, Illustrate, Integrate data content

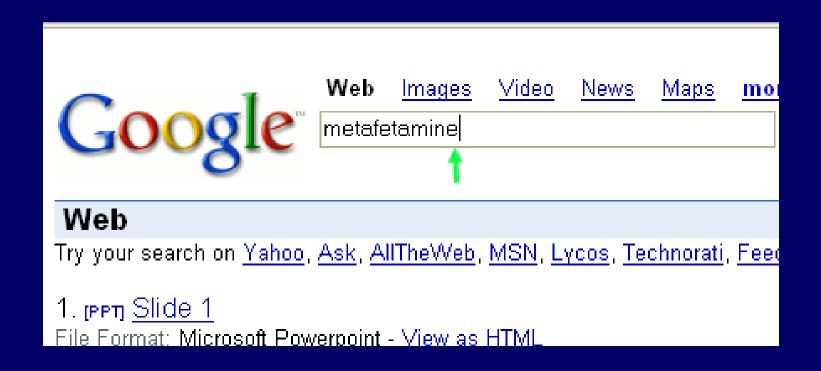
Understanding & disambiguating user terms, "did-you-mean"-ing well Showing score board of potentially relevant databases through metasearching

- Showing 360° context & cluster groups Vivisimo & beyond
- Offering cited and citing reference routes to related items
- Mashing Enhancing primary data from source databases with facts, info-bits and info-bytes, offering clues and hints for cherry picking
- Embracing & legitimately integrating open access & toll access sources

Trouble for misspellings and no "did you mean?"-ing



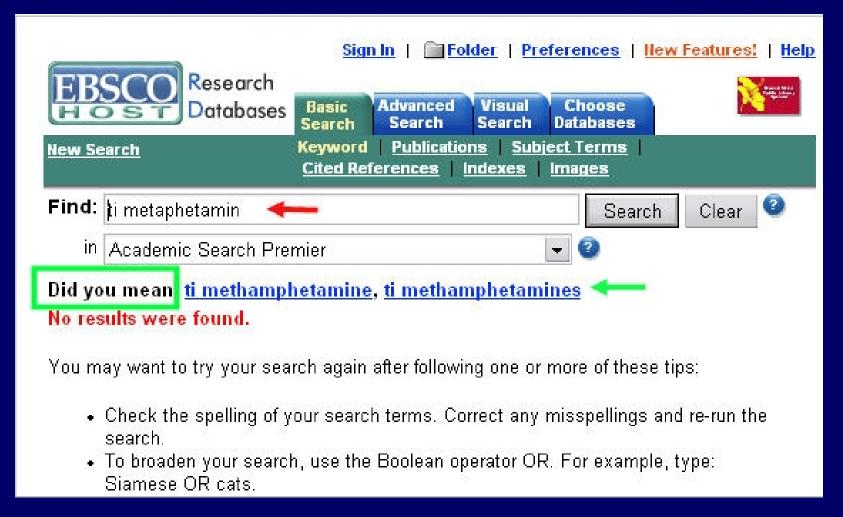
... some of the time but no suggestion for metafetamine



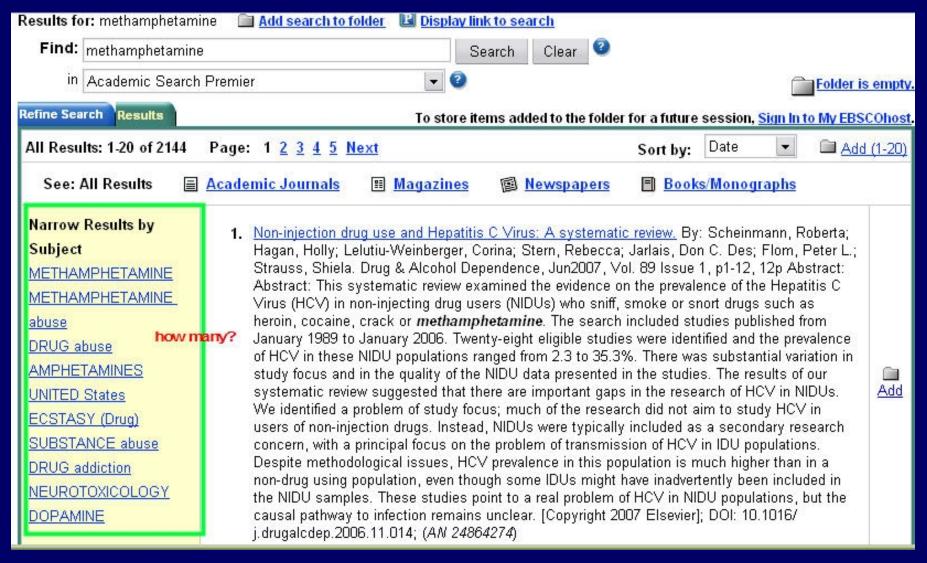
Ebsco tries hard but can't help here ...



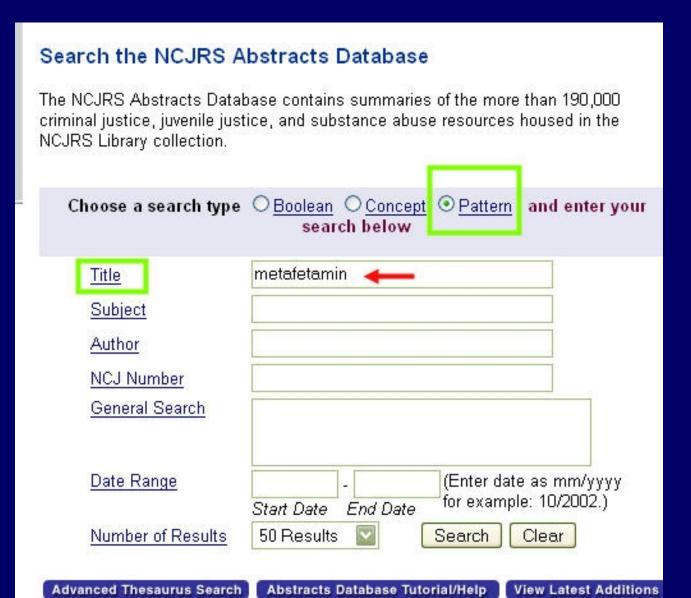
... but can help with this and many other misspellings and alternate spellings



... and provides topic cluster, but does not tell how many hits in each



But no one beats the native software of the free NCJRS site



Which finds for the brutally misspelled term in the title alone 178 hits



Perfect with the precious bonus of FT documents

4. Methamphetamine Use NCJ Number: 217168 Publication Date: January 2007 Abstract PDF 5. Methamphetamine Information Program NCJ Number: 217115 Author: Rico Warmenhove Journal: Journal of Forensic Identification Volume:57 Issue:1 Dated:January/February 20 Publication Date: January 2007 Abstract 6. Pushing Back Against Meth: A Progress Report on the Fight Against Methamphetam NCJ Number: 216528 Publication Date: November 30, 2006 Abstract | PDF | GORDER PHOTOCOPY 7. Long-Term Effects of Universal Preventive Interventions on Methamphetamine Use . NCJ Number: 215738 Author: Richard L. Spoth Ph.D.; Scott Clair Ph.D.; Chungyeol Shin Ph.D.; Cleve Redmo Journal: Archives of Pediatrics & Adolescent Medicine Volume:160 Issue:9 Dated:Septe Publication Date: September 2006 Abstract PDF

Low-IQ clustering of 5 authors already there in your face in the first two records



Web Images Video News Maps more »

2007

_ 2007

Scholar All articles Recent articles

Results 1 - 100 of about 139,000.

J Zar

R Cook

D Malkus

M Plesha

R Witt

why bother with clustering? [воок] Biostatistical Analysis

JH Zar - 2007 - Prentice-Hall, Inc. Upper Saddle River, NJ, USA Cited by 21033 - Related Articles - Web Search - Library Search

[воок] Concepts and Applications of Finite Element Analysis - group of 2 » RD Cook, DS Malkus, ME Plesha, RJ Witt - 2007 - John Wiley & Sons Google, Inc. Subscribe (Full Service), Register (Limited Service, Free), Login. Search: The ACM Digital Library The Guide. ...

Cited by 1308 - Related Articles - Web Search - Library Search

[воок] Mathematical statistics and data analysis

JA Rice - 2007 - Thomson/Brooks/Cole

Cited by 861 - Related Articles - Web Search - Library Search

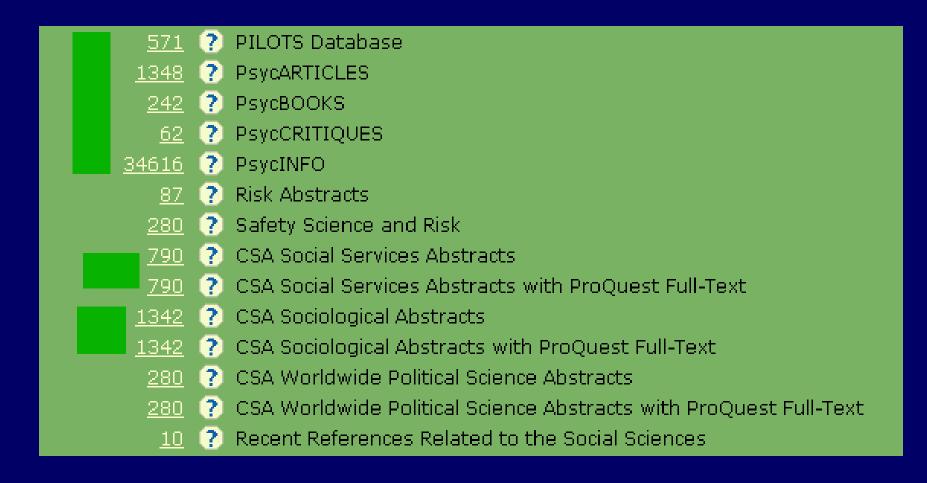
MetaSearching for Database Selection with a 360° perspective

- Current practice: choose a database then enter your search terms
- The trend: type your search term we show you a score board of databases with the most hits with your words in the title
- Broadcasting query to groups of databases on the subject of search, going beyond one host – 360°
 Search

Sweep through search across all the databases – with alpha listing

		_				
0.1	6	Criminal Justice Abstracts		<u>412</u>		MLA International Bibliography
<u>81</u>	8		-	<u>178</u>	?	
<u> 829</u>	•	CSA Technology Research Data		<u>235</u>	3	
<u>4</u>	8	DAAI: Design and Applied Arts		<u>98</u>	8	
0	2	Design ProFILES		<u>127</u>	8	PAIS International
847	2	EconLit		<u>28</u>	8	
	ж			<u>27</u>	8	
0	8	Environmental Impact Stateme		<u>243</u>	?	
<u>985</u>	8	Environmental Sciences and Pc	\rightarrow	<u>571</u>	8	PILOTS Database
1412	2	ERIC		224	?	Plant Science
443	2	FRANCIS		<u>105</u>	?	
				<u>1348</u>	?	
<u>→ 6131</u>	8	GeoRef		<u>242</u>	?	
<u>140</u>	8	GeoRef In Process	\rightarrow	<u>62</u>	?	
<u>1567</u>	8	IBSS: International Bibliograph	<u>> 3</u>	<u>4616</u>	8	
9	2	IMID: Institute of Management		<u>84</u>	8	RILM Abstracts of Music Literature
<u>-</u> <u>49</u>	ě	Index Islamicus		<u>280</u>	8	
				<u>5</u>	8	Science and Technology Digest
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<u>170</u>	2	Meteorological & Geoastrophys	-	1285	8	Zoological Record Plus (1864-Current)

CSA Social Science Database Group score board



Groups could be set up for FT- only databases within broader or narrower domain(s)

```
MLA International Bibliography
       National Criminal Justice Reference Service Abstracts
         NTIS
  235
       Oceanic Abstracts
      PAIS International
      ? Paperbase/Pira Collection
      Philosopher`s Index
  243
      Physical Education Index
       PILOTS Database
  571
      Plant Science
  224
      Polymer Library (formerly Rapra Abstracts).
 1348
      PsycARTICLES
      ? PsycBOOKS
  242
      PSYCCRITIQUES
      PsycINFO
34616
      RILM Abstracts of Music Literature
      Safety Science and Risk
      Science and Technology Digest
      CSA Social Services Abstracts
  790
      CSA Social Services Abstracts with ProQuest Full-Text
  790
       CSA Sociological Abstracts
 1342
 1342
       CSA Sociological Abstracts with ProQuest Full-Text
       TOXLINE
 2024
       WasteInfo
       CSA Worldwide Political Science Abstracts with ProQuest Full-Text
      Zoological Record Plus (1864-Current)
 1285
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▽ before 9am	\$3241	\$2171	Aeroflot (flight details)
▽ 9am - 3pm	<u>\$2171</u>	per person	Sunday : 12:40 pm - 12:10 pm* 1-stop BKK-AMS
✓ 3pm - 9pm	\$2823		Saturday : 1:10 pm - 10:10 am* 1-stop AMS-BKK orbitz.com - Book Now Email this Itinerary IM this Itinerary
Airlines	from		Orbit2.com - Book Now Email tris itilierary IWI tris itilierary
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▼ Turkish Airlines	\$2823		Saturday : 5:30 pm - 12:40 pm* 1-stop AMS-BKK
Multiple Carriers	<u>\$2944</u>	2	onetravel.com - Book Now Email this Itinerary IM this Itinerary
🗸 Austrian Air	<u>\$3177</u>		
Gulf Air	<u>\$3301</u>	\$2823	Turkish Airlines (flight details)
✓ Swiss	<u>\$3382</u>	per person	Sunday : 10:45 pm - 10:35 am* 1-stop BKK-AMS
✓ Air France	<u>\$3450</u>	(D)	Saturday : 5:30 pm - 12:40 pm 1-stop AMS-BKK
China Airlines	<u>\$4277</u>		onetravel.com - Book Now Email this Itinerary IM this Itinerary
✓ Singapore Airline	s <u>\$4309</u>	#2025	Turkich Airlines
✓ Cathay Pacific	<u>\$4318</u>	\$2825 per person	Turkish Airlines (flight details) Sunday : 10:45 pm - 4:30 pm* 1-stop BKK-AMS
✓ Lufthansa	<u>\$4344</u>	per person	Saturday : 11:35 am - 12:40 pm* 1-stop AMS-BKK
✓ SAS	<u>\$4437</u>	2	orbitz.com - Book Now Email this Itinerary IM this Itinerary
✓ Japan Airlines	<u>\$5190</u>		
▼ Thai Airways	<u>\$5404</u>	\$2825	Turkish Airlines (flight details)
☑ British Airways	<u>\$5485</u>	per person	Sunday : 10:45 pm - 10:35 am* 1-stop BKK-AMS
✓ Qantas Airways	<u>\$5543</u>	(D)	Daturday . 11:55 am - 12:40 pm 1-stop AMS-DKK
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✓ Non-stop	\$4277	\$2944 per person	Multiple Carriers (flight details) Sunday : 12:40 pm - 12:10 pm* 1-stop BKK-AMS
□ 1-stop	\$2171	per person	Saturday : 10:35 am - 2:30 pm* 1-stop BKK-AMS Saturday : 10:35 am - 2:30 pm* 1-stop AMS-BKK



Shoes

Handbags

Brands

Search

Women's

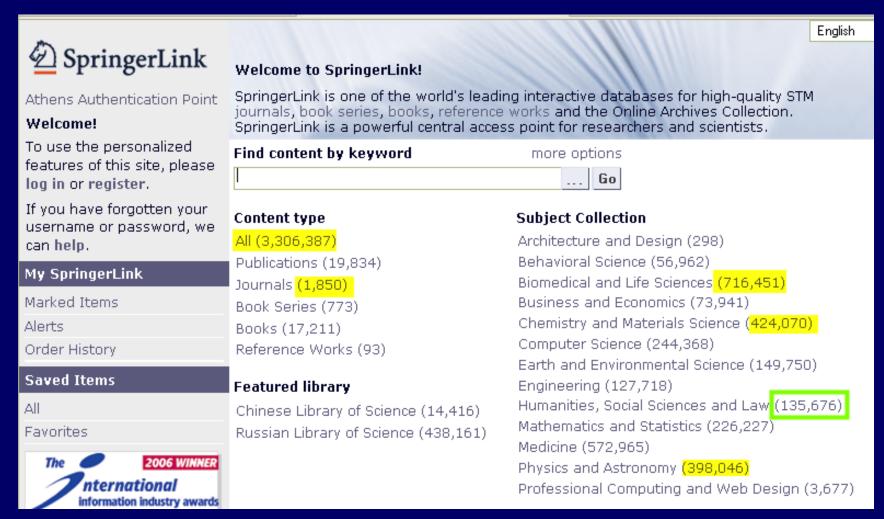
Men's

Kids'

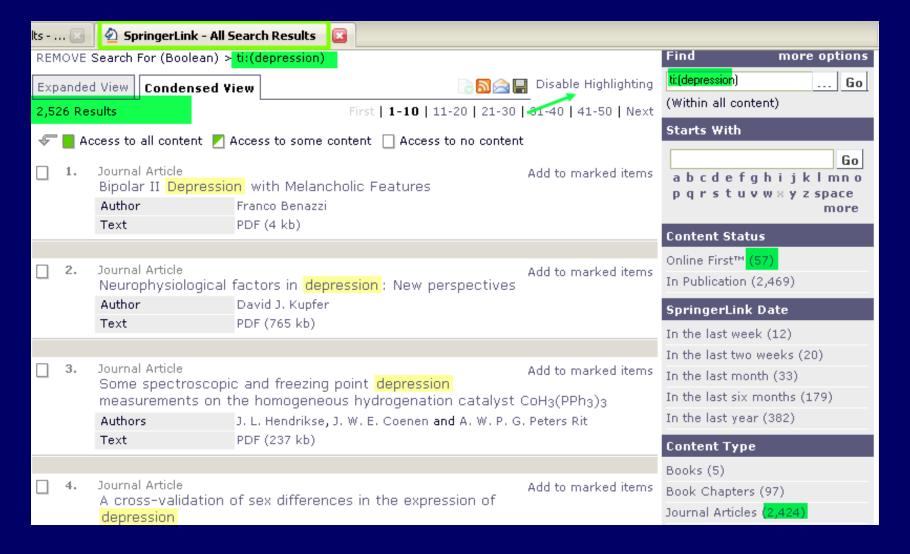
Gift Ideas



The clustered profile of the entire Springer archive



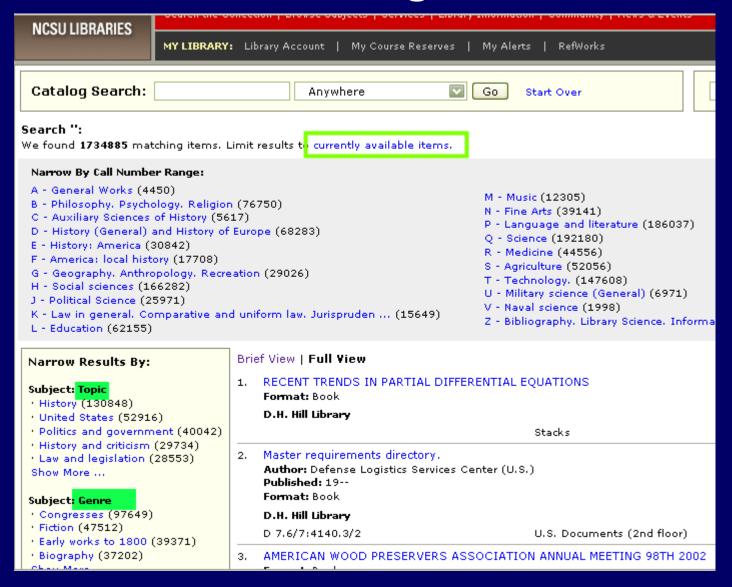
The clustered profile of a result subset from Springer



Profiling the NCSU Library Collection



Profiling the entire NCSU Library Catalog



Clustered profile of the entire NCSU Library

Catalog

Format Book (1406308) Microform (222405) Online (182790) Journal, Magazine, or Serial (53225) NCSU Thesis/Dissertation (24856)Show More ... Library Online Resources (192354) D.H. Hill (1091374). Design (31114) Natural Resources (21599). Textiles (19100) Veterinary Medicine (21766) Satellite Shelving (420236). Special Collections (35975). CED Media Center (15170). AACCRR (5755) Mathematics Work, Coll. (5977) Off-site Shelving (2566) Subject: Region United States (325049) Great Britain (41273). England (20922). North Carolina (17210) India (13624) Show More Subject: Era 20th century (39322) 19th century (15380) 17th century (11013) · 1945- (6812) 18th century (5443)

Show More

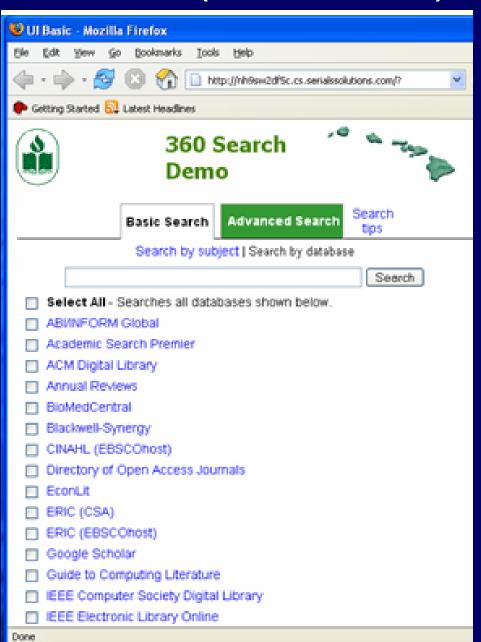
v.III. IIIII uviai y PROCEEDINGS (AUSTRALIAN VETERINARY A Author: AUSTRALIAN VETERINARY ASSOCIATION Format: Serial D.H. Hill Library INDUSTRY AND EDUCATION COLLABORATIO Format: Book D.H. Hill Library On Order - AMERICAN WOOD PRESERVERS ASSOCIATION Format: Book D.H. Hill Library On Order Boat crew training manual Author: United States. Coast Guard. Published: [1986?]-Format: Book D.H. Hill Library TD 5.8:B 63/2/986 AMERICAN SOCIETY OF CLINICAL ONCOLOG Format: Book D.H. Hill Library On Order SEMICON WEST 1999WAFER FAB DESIGN: C Format: Book D.H. Hill Library On Order INVERSE PROBLEMS, MULTI-SCALE ANALYSIS

Format: Book

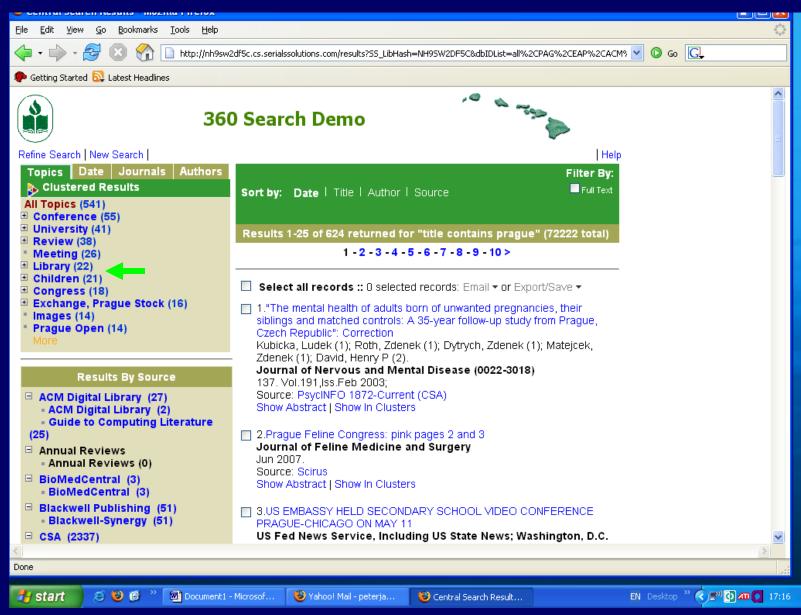
Clustered profile of a topical subset in the NCSU Library Catalog



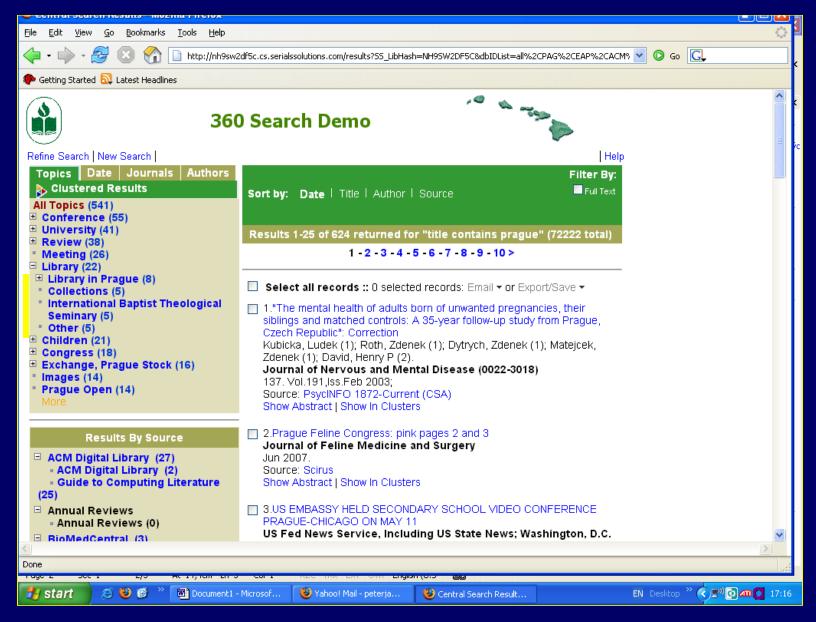
360 Search (Central Search)



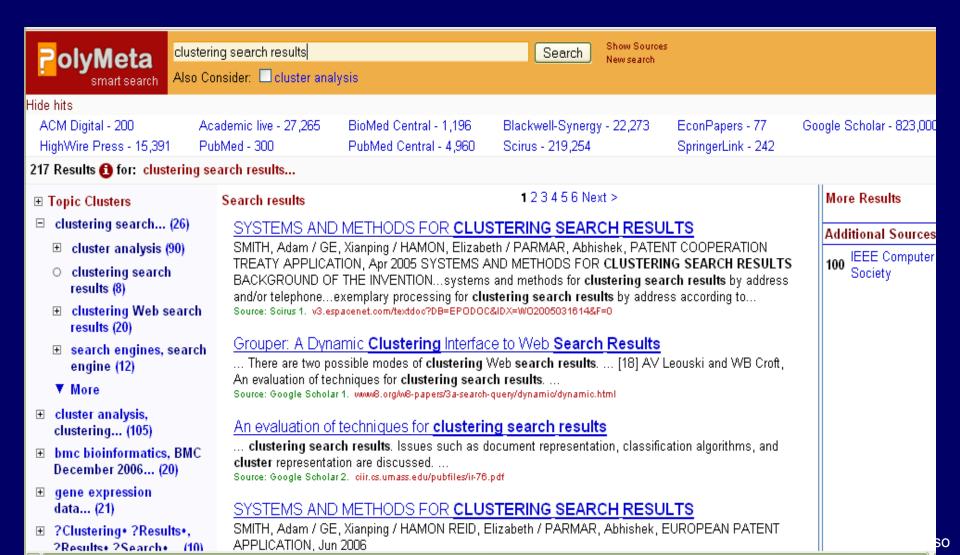
360 Search (Central Search)



360 Search (Central Search)



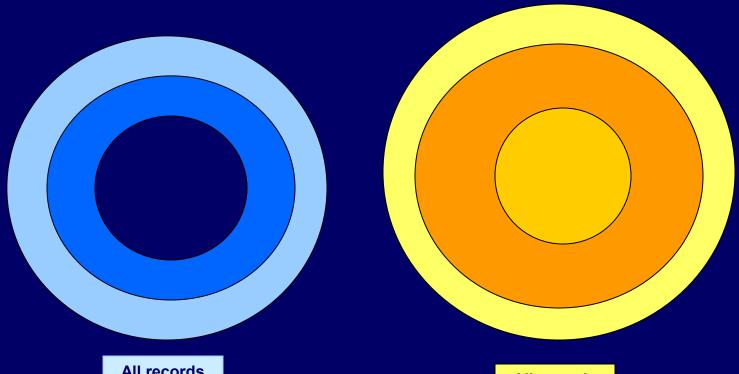
My customized version of PolyMeta metasearch & clustering engine (yes, it is a Hungarian product, but I would like it too if it were Albanian)



The Cited Reference Enhancement Trend

- Eugene Garfield's idea of 1955 realized on a large scale 50 years later
- Web of Science & Scopus rule the waves
- Ebsco, CSA, APA hopped on the bandwagon
- Best digital facilitators do it very well (HighWire Press Atypon, and MetaPress)
- Some publishers do it well

Scopus vs. WoS (Dialog/ISI subset – cca 80% of whole WoS) as of May, 2007



All records 30,126,271

with abstracts 21,421,474

with refs 11,207,855 All records 33,306,756

with abstracts 10,675,905

with refs 26,004,754

Total number of cited references

Scopus

cca. 230 - 240 million references

WoS (Dialog/ISI subset)

520 - 530 million references

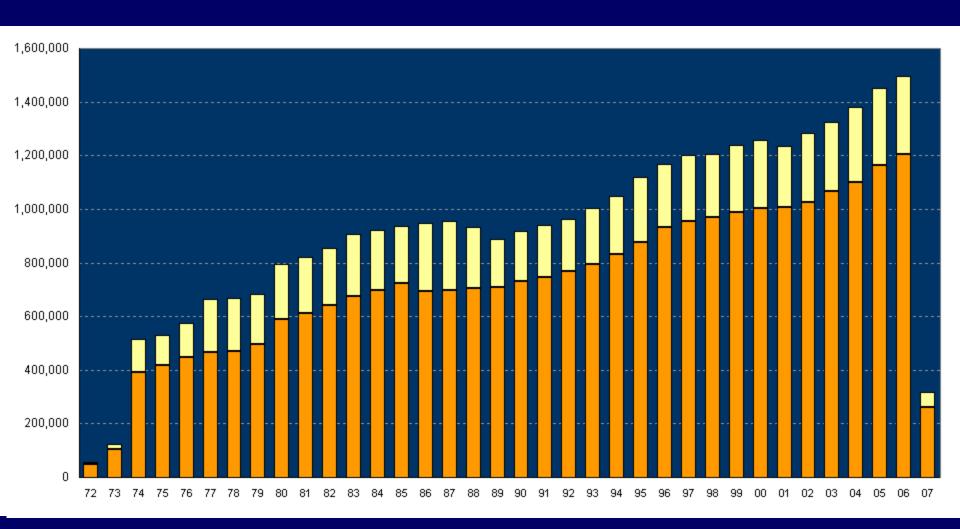
WoS entire database

cca. 650 - 670 million references

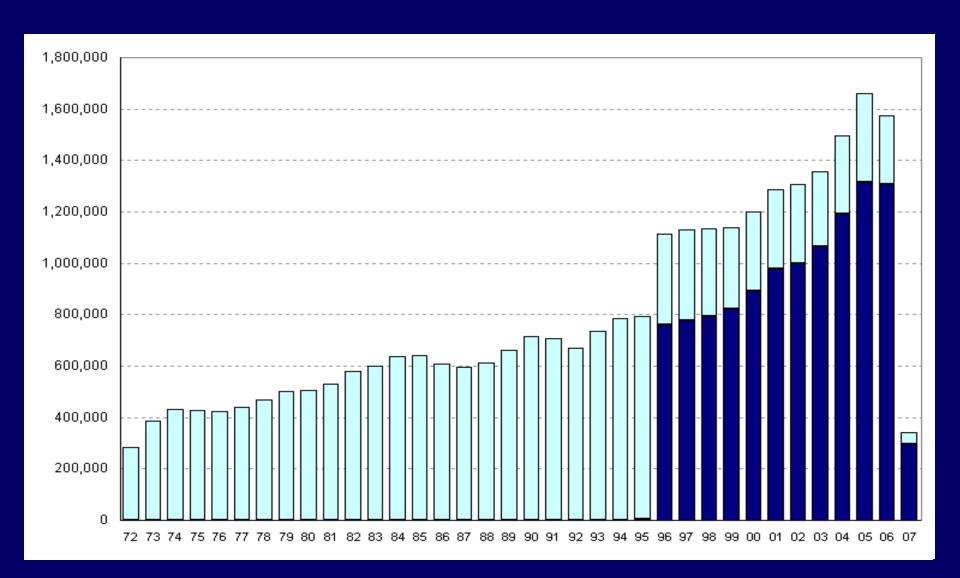
PsycINFO

23-24 million references

WoS with refs 1972 – **May**, 2007



Scopus with refs 1972 – May, 2007



Result list enhanced with Cited by info in CSA

1. Personality: Structure and assessment

Wiggins, Jerry S1, Pincus, Aaron L

Annual Review of Psychology. Vol 43, 1992, pp. 473-504
Reviews work that suggests a reemergence of trait psychology in the analysis and assessment of personality as applied to the study of lives. Research has suggested the comprehensiveness of the 5-factor model of personality structure as determined ...
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Database:

PsycINFO **Descriptors:**

*Literature Review |

*Personality Measures I

*Personality Theory

*Personality | Personality

<u>Traits</u>

2. Personality structure: Emergence of the five-factor model

Digman, John M¹

Annual Review of Psychology. Vol 41, 1990, pp. 417-440
Reviews research on the 5-factor model (FFM) of personality, which has provided a useful set of broad dimensions that characterize individual differences. These dimensions can be measured with high reliability and validity and provide a good answer ...

Natahacai

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Descriptors:

*Literature Review | *Models

| *Personality Traits | *Taxonomies

3. Personality structure and assessment

View Record | Cited by 802

Rorer, Leonard G1; Widiger, Thomas A

Annual Review of Psychology. Vol 34, 1983, pp. 431-463
Presents new ideas on personality structure, challenges
traditional formulation and methods that are deemed
inadequate, and suggests that the experimental method does
not warrant the position it has been given. Philosophical issues
are approached ...

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Descriptors:

*Literature Review

*Methodology | *Personality |

*Philosophies

Additional hints for cherry picking – watch for the content of the References in CSA

4. Five Types of Personality Continuity in Childhood and Adolescence

De Fruyt, Filip¹: Bartels, Meike²: Van Leeuwen, Karla G¹: De Clercq, Barbara¹: Decuyper, Mieke¹ Mervielde, Ivan¹

Journal of Personality and Social Psychology. Vol 91(3), Sep 2006, pp. 538-552

This study examines 5 types of personality continuity--structural, mean-level, individual-level, differential, and ipsative--in a representative population (N=498) and a twin and sibling sample (N=548) of children and adolescents. Parents described ...

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- *Childhood Development
- <u>*Personality Change</u> | <u>*Personality</u> Development | *Personality |
- Environmental Effects | More...

Citedness scores of the cited refs - CSA



References 1. Biesanz, J. C., West, S. G. & Kwok, O.-M. (2003). Personality over time: Methodological approaches to the study of short-term and long-term development and change. Journal of Personality, 71, 905-941.

Abstract | Cited by 10

2. Block, J. (1971). Lives through time. Berkeley, CA: Bancroft. Cited by 374

3. Buss, A. H., & Plomin, R. (1984). Temperament: Early developing personality traits, Hillsdale, NJ; Erlbaum,

Cited by 517

4. Caspi, A. (1998). Personality development across the life-course. In W. Damon & N. Eisenberg (Eds.), Handbook of child psychology: Social, emotional, and personality development (pp. 311-388), Wiley: New York. Cited by 91

5. Caspi, A., Roberts, B. W. & Shiner, R. L. (2005). Personality development: Stability and change. Annual Review of Psychology, 56, 453-484.

Abstract | Cited by 44

6. Christensen, L. & Mendoza, J. L. (1986). A method assessing change in a single subject: An alteration of the RC index. Behaviour Therapy, 17, 305-308. Cited by 2

7. Cloninger, C. R., Svrakic, D. M. & Przybeck, T. R. (1993). A psychobiological model of temperament and character. Archives of General Psychiatry, 50, 975-990. Abstract Cited by 741

8. Costa, P. T. Jr. & McCrae, R. R. (1988). Personality in adulthood: A six-year longitudinal study of self-reports and spouse ratings on the NEO Personality Inventory, Journal of Personality and Social Psychology, 54, 853-863. Abstract | Cited by 315

9. Costa, F. T., Jr., & McCrae, R. R. (1992). Revised NEO Personality Inventory and Five-Factor Inventory Professional Manual, Odessa, FL: Psychological Assessment Resources.

Cited by 1758

Citedness scores of the cited refs - EBSCO

- 1. Personality: Structure and assessment. Wiggins, Jerry S.; Pincus, Aaron L.; Annual Review of Psychology, Vol 43, 1992. pp. 473-504.

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- 2. Personality structure: Emergence of the five-factor model. Digman, John M.; Annual Review of Psychology, Vol 41, 1990. pp. 417-440.

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- 3. Personality structure and assessment. Rorer, Leonard G.; Widiger, Thomas A.; Annual Review of Psychology, Vol 34, 1983. pp. 431-463.

 Times Cited in this Database (14)

 PDF Full Text
- 4. Personality structure and assessment. Jackson, Douglas N.; Paunonen, Sampo V.; Annual Review of Psychology, Vol 31, 1980. pp. 503-582.

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No citedness scores of the pre-1995 cited refs

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Biesanz, J. C., West, S. G., & Kwok, O.-M. (2003). Personality over time: Methodological approaches to the study of short-term and long-term development and change. *Journal of Personality*, 71, 905–941.

Block, J. (1971). Lives through time. Berkeley, CA: Bancroft.

Buss, A. H., & Plomin, R. (1984). Temperament: Early developing personality traits. Hillsdale, NJ: Erlbaum.

Caspi, A. (1998). Personality development across the life-course. In W.Damon & N.Eisenberg (Eds.), Handbook of child psychology: Social, emotional, and personality development (pp. 311–388). Wiley: New York.

Caspi, A., Roberts, B. W., & Shiner, R. L. (2005). Personality development: Stability and change. *Annual Review of Psychology*, 56, 453–484.

Christensen, L., & Mendoza, J. L. (1986). A method assessing change in a single subject: An alteration of the RC index. *Behaviour Therapy*, 17, 305–308.

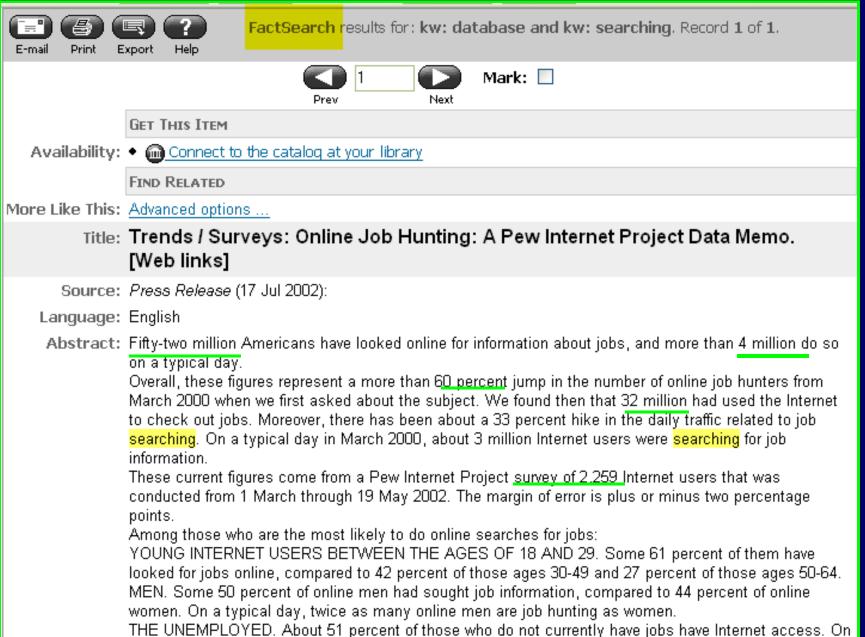
Cloninger, C. R., Svrakic, D. M., & Przybeck, T. R. (1993). A psychobiological model of temperament and character. *Archives of General Psychiatry*, 50, 975–990.

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Costa, P. T., Jr., & McCrae, R. R. (1992). Revised NEO Personality Inventory and Five-Factor Inventory Professional Manual. Odessa, FL: Psychological Assessment Resources.

Costa, P. T., Jr., & McCrae, R. R. (1994). Set like plaster? Evidence for the stability of adult personality. In T. F.Heatherton & J. L.Weinberger (Eds.), Can personality change? (pp. 21–40). Washington, DC: American Psychological Association.

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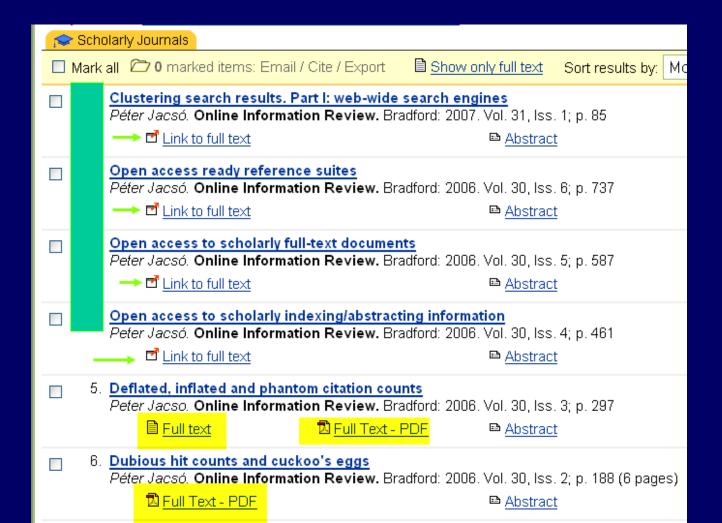
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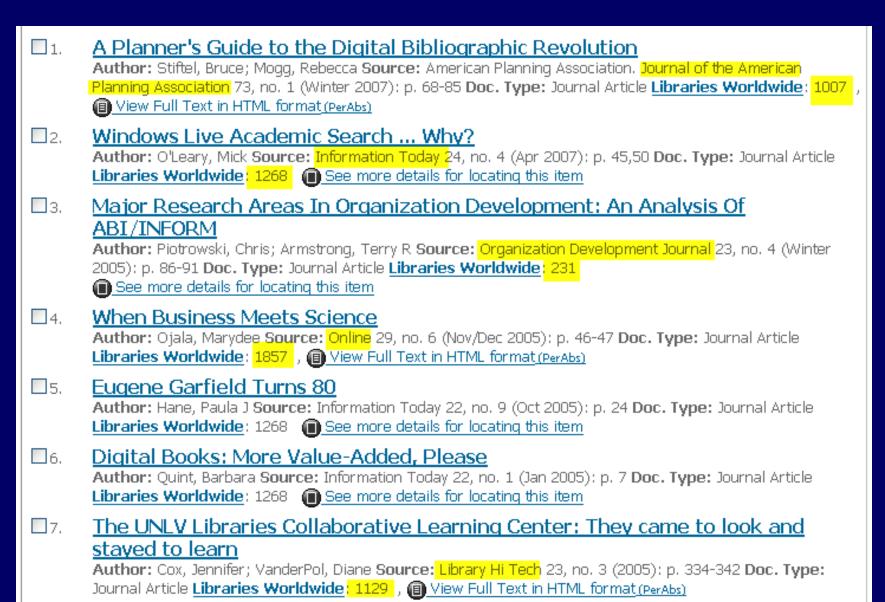
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Occupational Medicine 1999;49:556-558
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research-article

Health surveys in the workplace: comparison of postal, email and World Wide Web methods

R. Jones and N. Pitt

Department of Public Health, University of Glasgow UK

Health surveys in the workplace are an important part of epidemiology, needs assessment and health promotion. Since the workplace is changing rapidly with the use of computer networks, we examined the feasibility, validity and cost of health surveys using email and the World Wide Web (WWW). Five hundred systematically sampled university staff in a convenience sample of 10 English universities were surveyed using either email alone, email plus a WWW form or

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Annual Review of Psychology

Vol. 47: 593-620 (Volume publication date February 1996) (doi:10.1146/annurev.psych.47.1.593)

THE MOTIVATIONAL IMPACT OF TEMPORAL FOCUS: Thinking About the Future and the Past

Rachel Karniol

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Michael Ross

Department of Psychology, University of Waterloo, Waterloo, Ontario, N2L 3G1 Canada

In this chapter, we consider the degree to which individuals are pulled to behave by their conceptions of the **future**, pushed to act by their recollections of the past, or primarily driven by current exigencies. In examining conceptions of the **future**, we discuss how individuals bridge the present and the **future**, the origin of goals, their impact on behavior and cognition, and the

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