

Web of Science – Workflow solution for the research community

Dr. Hassan Zargar 2015

Faridea Company



Agenda

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A brief history of Thomson Reuters' Citation Indexes

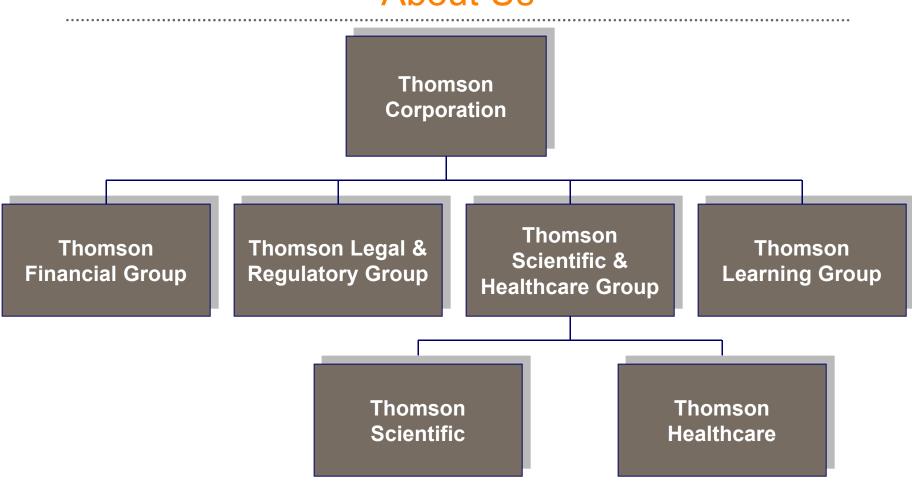
Overview of existing customers

The Web of Knowledge / Web of Science Philosophy

Web of Science – How does it work?

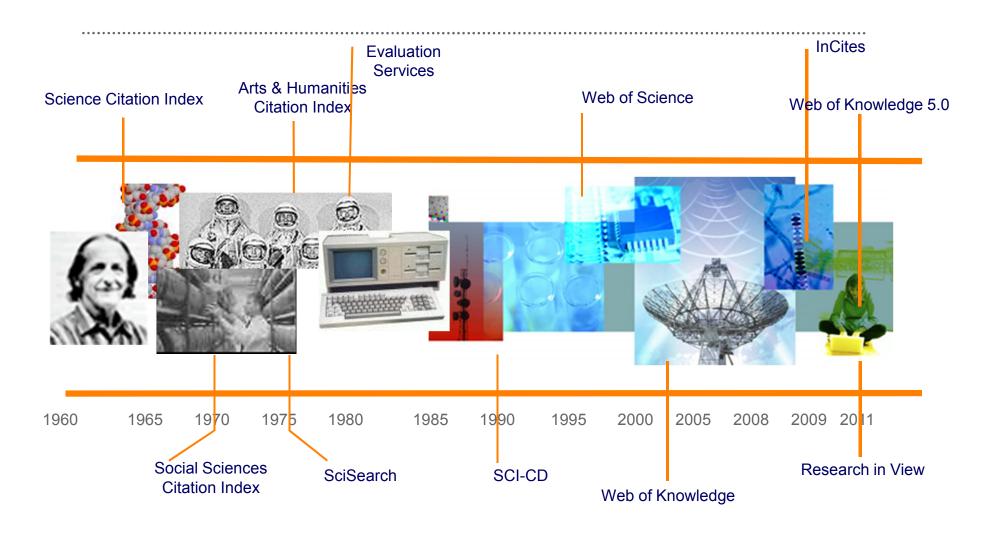


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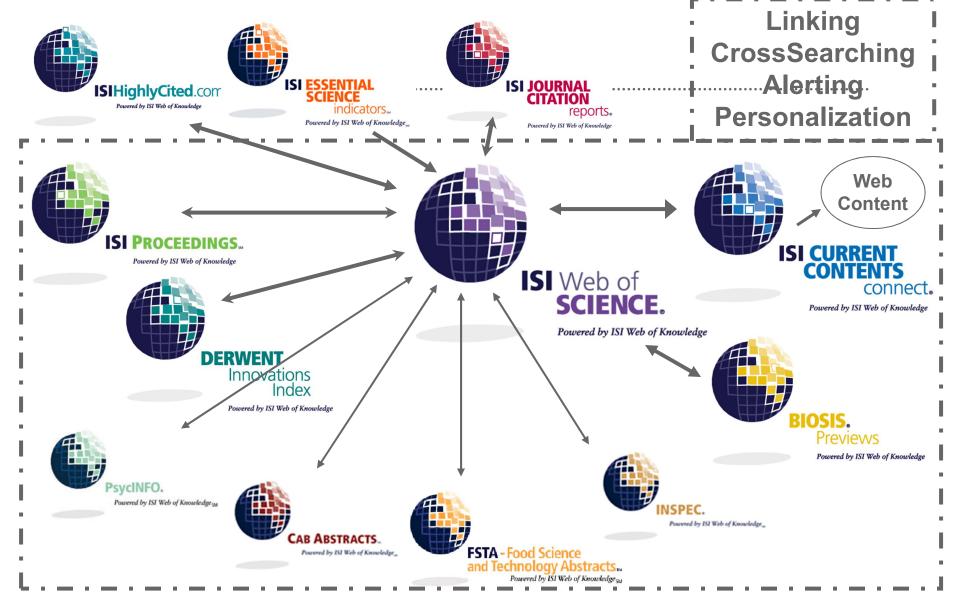


Thomson Reuters – A tradition of innovation



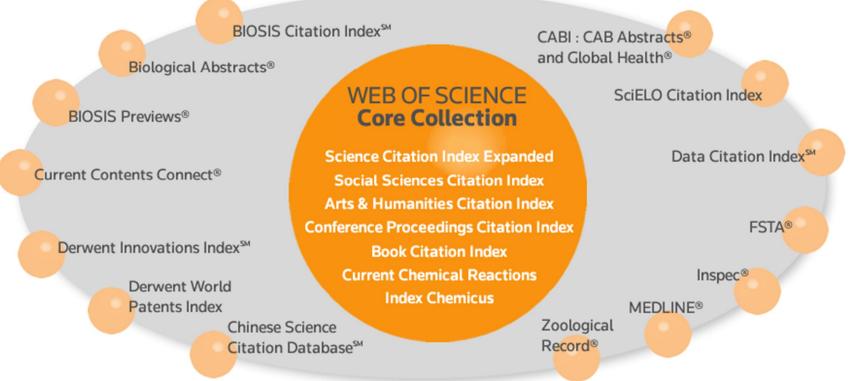


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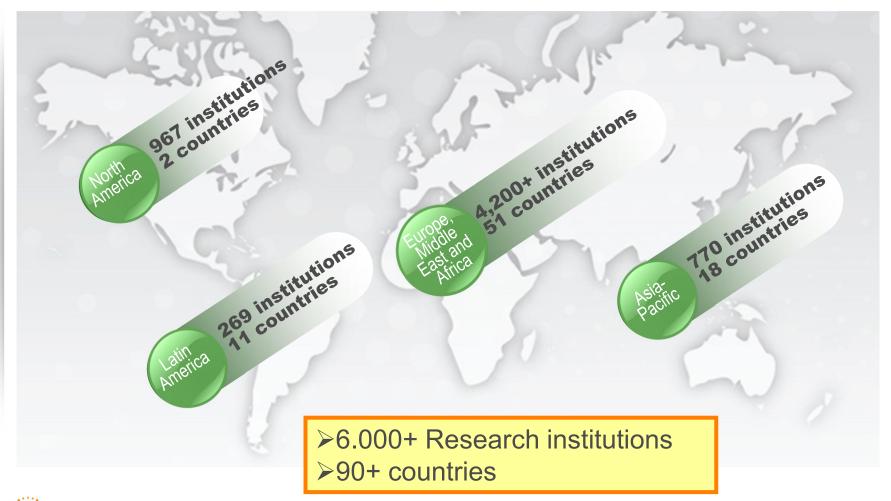








GLOBAL RESEARCH COMMUNITY USING WEB OF SCIENCE





Existing Web of Knowledge customers in Turkey, Middle East & Africa (2012)

- Saudi Arabian Consortium (30 sites Univ. 11 new in 2012)
- + KACST& KAUST
- UAE: AUS, UAE Univ, NRF, PI, Masdar Institute
- Kuwait: University of Kuwait
- Qatar: QNRF, University of Qatar
- Oman: SQU
- Egypt National Consortium (19 universities)
- Turkey National Consortium (over 170 institutions, 34 new in 2012)



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Web of Science: 1900 -

Journal Category

· Current Contents Connect. 1998

Discipline Name

• BIOSIS: 1926

Major Concept

Zoological Record: 1864

Descriptors / Systematics

CAB Abstracts: 1910

CABI Code

• Inspec: 1898

Classification Code

• MEDLINE: 1950

MeSH Heading, Major Topio, Qualifier

• FSTA: 1969

Section / Subsection

• Derwent Innovations Index: 1963

Derwent Class Code

• Chinese Science Citation Database: 1989

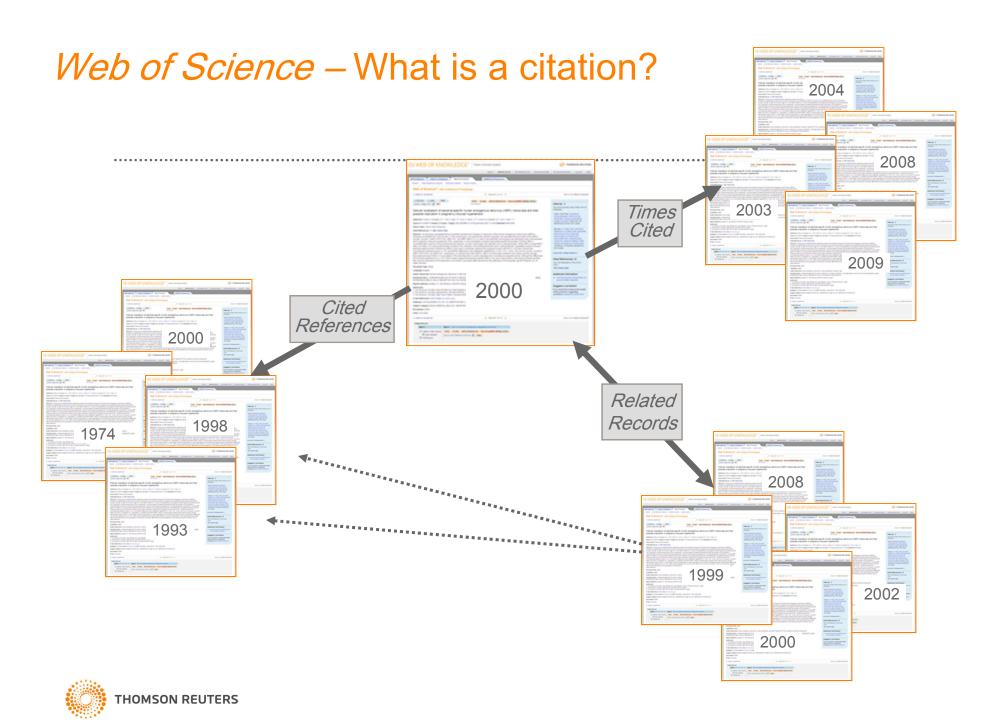
Chinese Library Classification Number

All Databases

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MSTRUMENTS & INSTRUMENTATION -15896
COMPUTER SCIENCE -13724
MARMACOLOGY & PHARMACY- 8591
MATHEMATICS- 8375
CHEMISTRY & MOLECULAR BIOLOGY- 7854
CHEMISTRY-7602

- One single index
- Unified subject classification
- Coverage from 1864
- Cited references from 1900
- 22,000 journals
- 85 million records

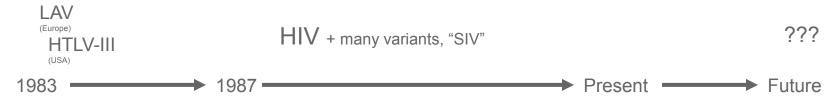




Citation Index - The Value Add

The language of research is constantly changing, as research progress concepts and terminology evolve.

- Text based searching may miss critical information
- Network linkages through citations facilitate the discovery of information across the boundaries of terminology



IMPORTANCE OF THE NEF GENE FOR MAINTENANCE OF HIGH VIRUS LOADS AND FOR DEVELOPMENT OF AIDS

Author(s): KESTLER HW, RINGLER DJ, MORI K, et al.

Source: CELL Volume: 65 Issue: 4 Pages: 651-662 Published: MAY 17 1991

Times Cited: 1,103 (from Web of Science)

Cited References: 49 Citation Map

Abstract: When rhesus monkeys were infected with a form of cloned SIVmac239 having a premature sto revertants with a coding codon at this position quickly and universally came to predominate in the infecte are strong selective forces for open functional forms of nef in vivo. Although deletion of nef sequences ha replication in cultured cells, deletion of nef sequences dramatically altered the properties of virus in infecting indicate that nef is required for maintaining high virus loads during the course of persistent infection in vironus, nef should become a target for antiviral drug development. Furthermore, the properties of virus with for making live-attenuated strains of virus for experimental vaccine testing.

Document Type: Article

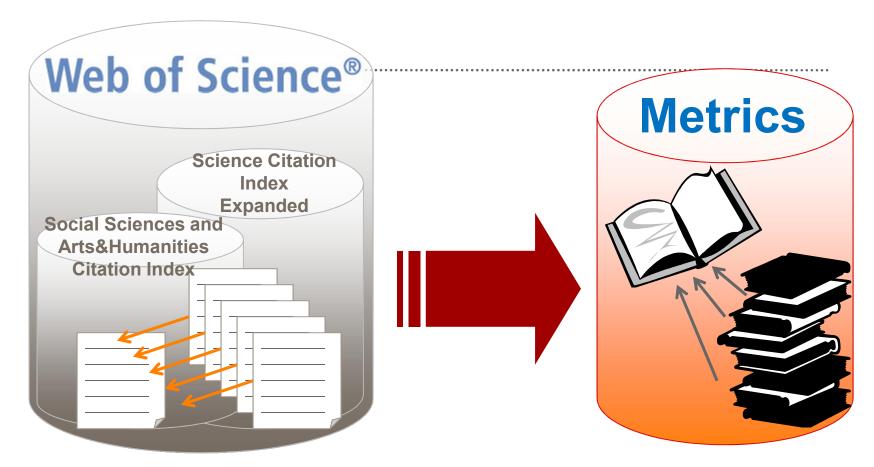
Language: English

KeyWords Plus: SIMIAN IMMUNODEFICIENCY VIRUS; OPEN READING FRAME; RHESUS-MONKEYS; P MUTATIONAL ANALYSIS; MACAQUE MONKEYS: HTLV-III SOR GENE; TYPE-1; PROTEIN

This particular article is highly cited and relevant, but does not contain the term "*HIV*"

Therefore, this record cannot be found by searching for the text "HIV" but is easily found by using citations



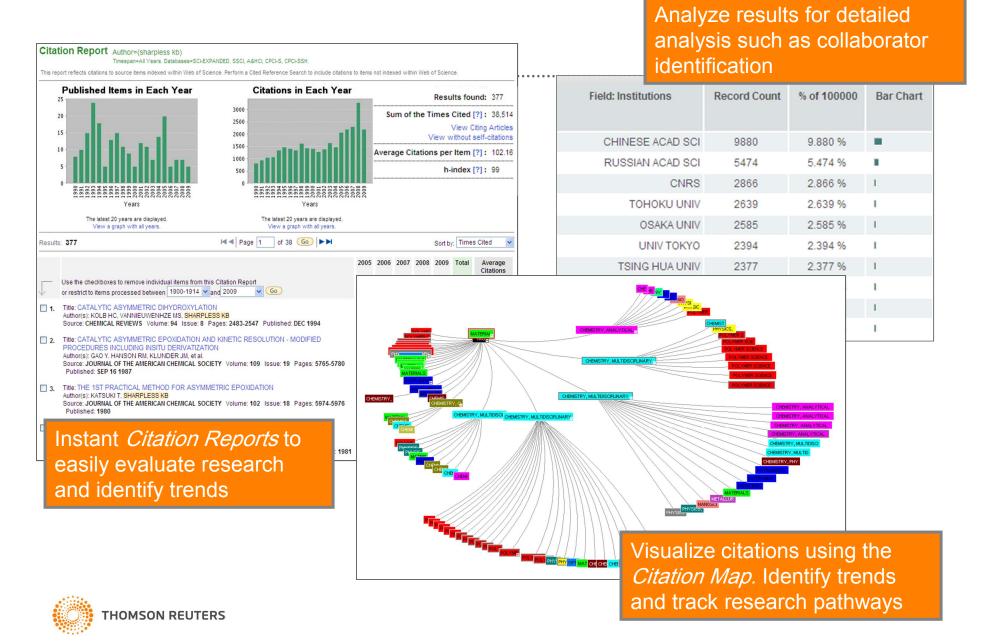


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Journal-level data
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Citation Index – The Value add



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AND 🔻 in Author	Note: Times Cited counts now include proceedings citations.
Example: O'Brian C* OR OBrian C*	More information.
AND v in Publication Name v	Discover
Example: Cancer* OR Journal of Cancer Research and Clinical Oncology	Web of Science
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Hide Refine	Refine Results Search within results for Search CHEMISTRY (101,078) MATERIALS SCIENCE (98,021) PHYSICS (87,098) CHEMISTRY MULTIDISCIPLINARY (84,193) MATERIALS SCIENCE MULTIDISCIPLINARY (82,399) more options / values Document Types ARTICLE (190,525) PROCEEDINGS PAPER (86,977) MEETING ABSTRACT (10,856) REVIEW (7,662) NEWS ITEM (3,263) more options / values Authors Group Authors Editors Source Titles Conference Titles Publication Years	Print E-mail Add to Marked List Save to EndNoTo Web Save to EndNoTo, RefMan, PmCite more options Times Creder - lowest to lidest newwest times Creder - lowest to lidest newwest times Creder - lowest to lidest newwest times Creder - lowest to lighest Relevance Author(s): Wang X. D., Michalowski A., Walter D., et al. Source: OPTICS AND LASER TECHNOLOGY Volume: 41 Issue: 2 Pages: 148-153 DOI: 10.1016/j.optlastec First Author - A to Z Source: OPTICS AND LASER TECHNOLOGY Volume: 41 Issue: 2 Pages: 209-212 DOI: 10.1016/j.optlastec First Author - A to Z Source: OPTICS AND LASER TECHNOLOGY Volume: 41 Issue: 2 Pages: 209-212 DOI: 10.1016/j.optlastec.2008.05.010 Published: MAR 2009 Times Cited: 0 (from Web of Science) Links Full Text [18] View abstract] Sort the results by "Times Cited: 0 (from Web of Science) Links Full Text [18] View abstract] Sort the results by "Times Cited: 0 (from Web of Science) Links Full Text [18] View abstract] Sort the results by "Times Cited: 0 (from Web of Science) Links Full Text [18] View abstract] Sort the results by "Times Cited: 0 (from Web of Science) Links Full Text [18] View abstract] Author(s): Serbiol M., Koeseoglu Y., Baykal A., et al. Source: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 321 Issue: 3 Pages: 157-162 DOI: 10.1016/j.jmmm.2008.08.083 Published: FEB 2009 Times Cited: 0 (from Web of Science) Links Full Text [18] View abstract] 5. Title: The biomimetic synthesis of zinc phosphate nanoparticles Author(s): Yan Shunpu, He Wen, Sun Caijun, et al. Source: DYES AND FIGHENTS (View abstract) Source: DYES AND FIGHENTS (View abstract) Source: DYES AND FIGHENTS (View abstract) Links Full Text [18] View abstract]
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	(264) SCIENCE & TECHNOLOGY - OTHER TOPICS (179)	proposed algorithms. We adapt the conditions for convergence several previous iterations presented in the literature for solving rational Riccati equations arising in stochastic control. (c) 2008 Elsevier Inc. All rights reserved.
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	► Authors	Author(s): Liu Z., Styers-Barnett D. J., Puretzky A. A., et al.
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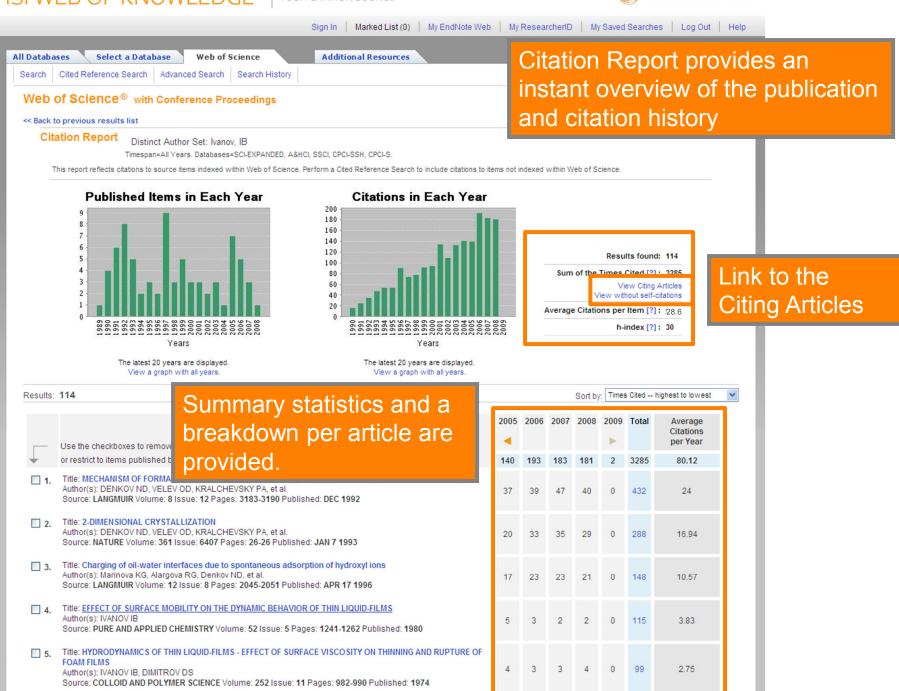
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PopZ, required to anchor the separated Caulobacter crescentus chromosome origins at the cell poles, a function that is essential for chromosome organization and normal cell division. PopZ interacts directly with the ParB protein bound to specific DNA sequences n replication origin. As the origin/ParB complex is being replicated and moved across the cell, PopZ accumulates at the cell pole and to in place upon arrival. The polar accumulation of PopZ occurs by a diffusion/capture mechanism that requires the MreB cytoskeleton. weight oligomers of PopZ assemble in vitro into a filamentous network with trimer junctions, suggesting that the PopZ network and F interact in an adhesive complex, fixing the chromosome origin at the cell pole.

Document Type: Article

Language: English

KeyWords Plus: BACILLUS-SUBTILIS: CAULOBACTER-CRESCENTUS: ACTIN HOMOLOG: SEGREGATION: CYCLE: MREB: MORPI LOCALIZATION: DIVISION: POLARITY

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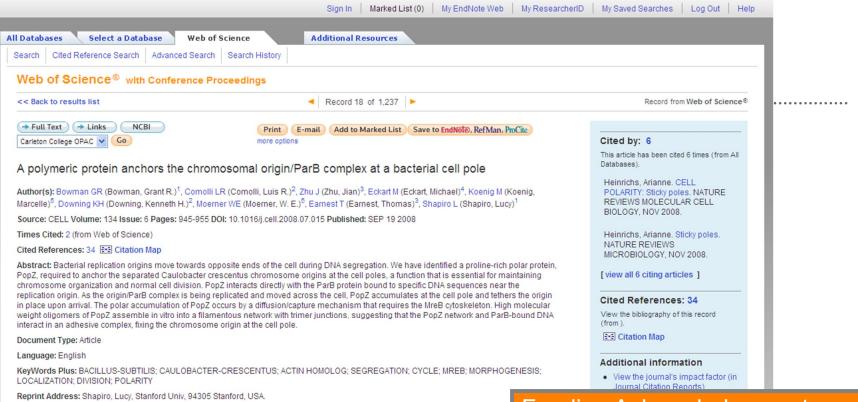
We are grateful to Balaji Srinivasan and Esteban Toro for developing bioinformatics tools. We thank Martin Thanbichler for purified ParB. Mike Fero designed software used for fluorescence microscopy, Bob Glaeser and Byong-Gyoon Han provided advice on EM sample preparation, Greg Hura assisted in SAXS analysis, and James Gober and Christine Jacobs-Wagner provided antibodies and strains. This work is supported by National Institutes of Health grants GM32506, GM051426, and 5R24GM73011-3 to L. S., F32GM080008 to G. B., and 5 P20 HG003638-02 to M. K. and W. E. M.; and Department of Energy grants DE-AC02-05CH11231 to L. R. C., J.X., and T. E., and DE-FG02-01ER63219 to L. S.

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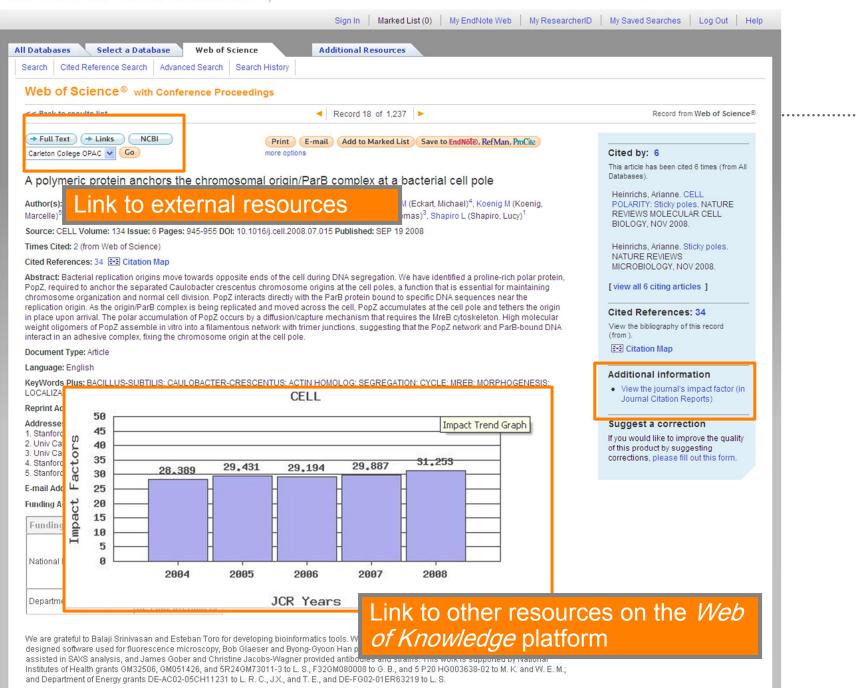
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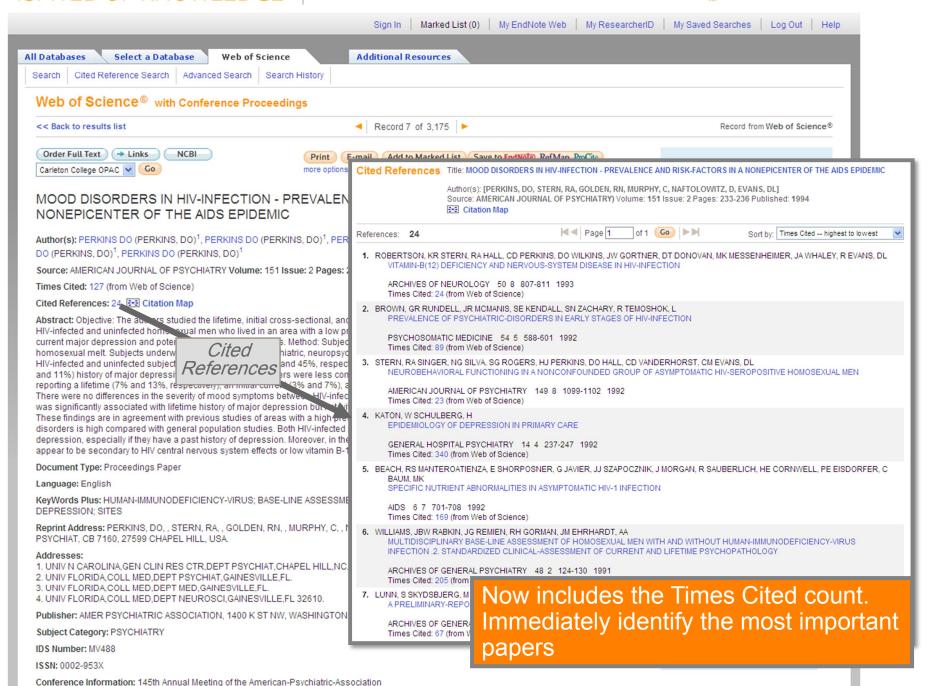
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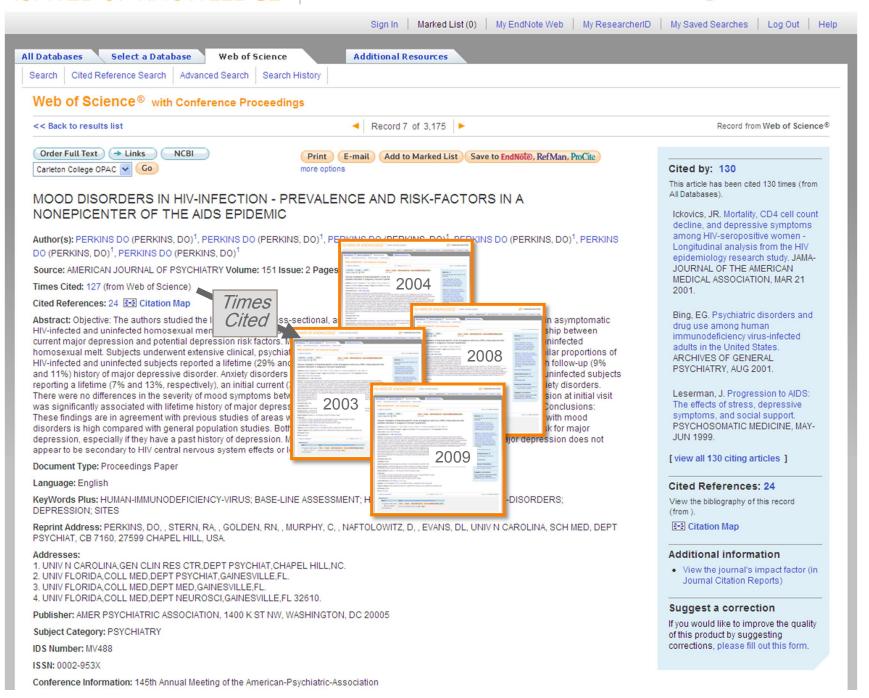








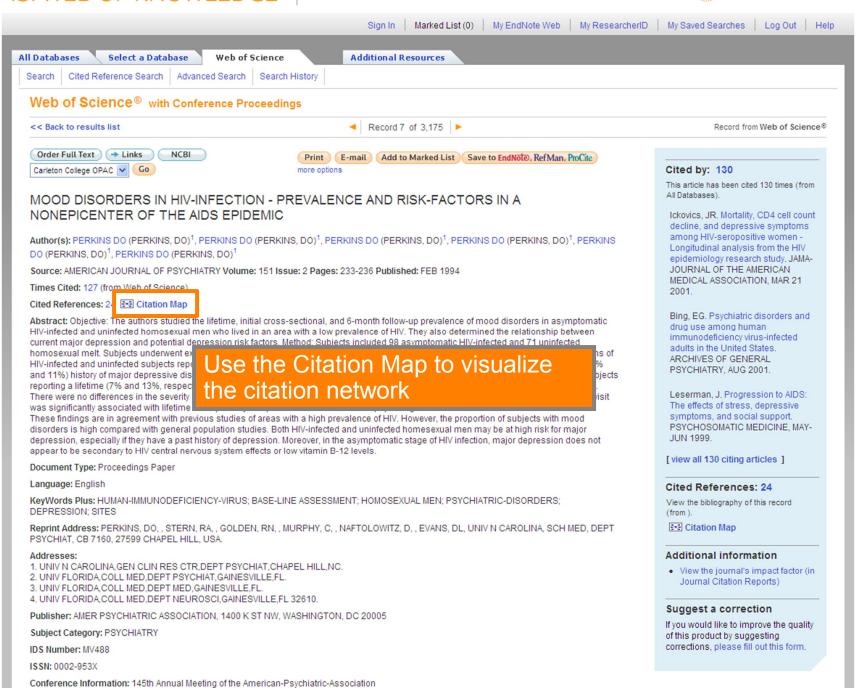




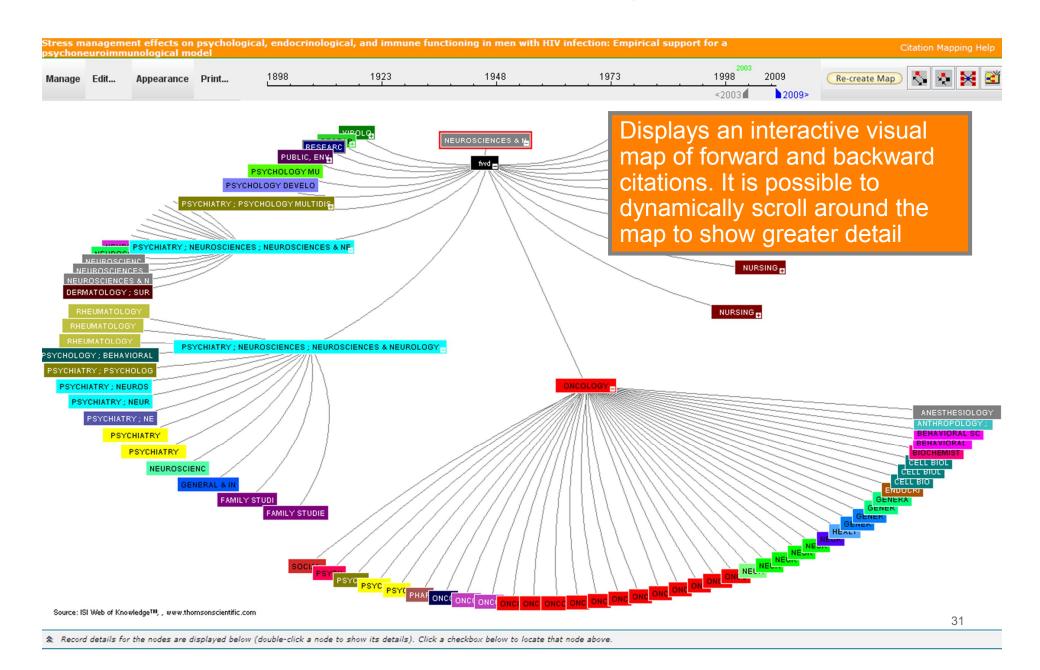




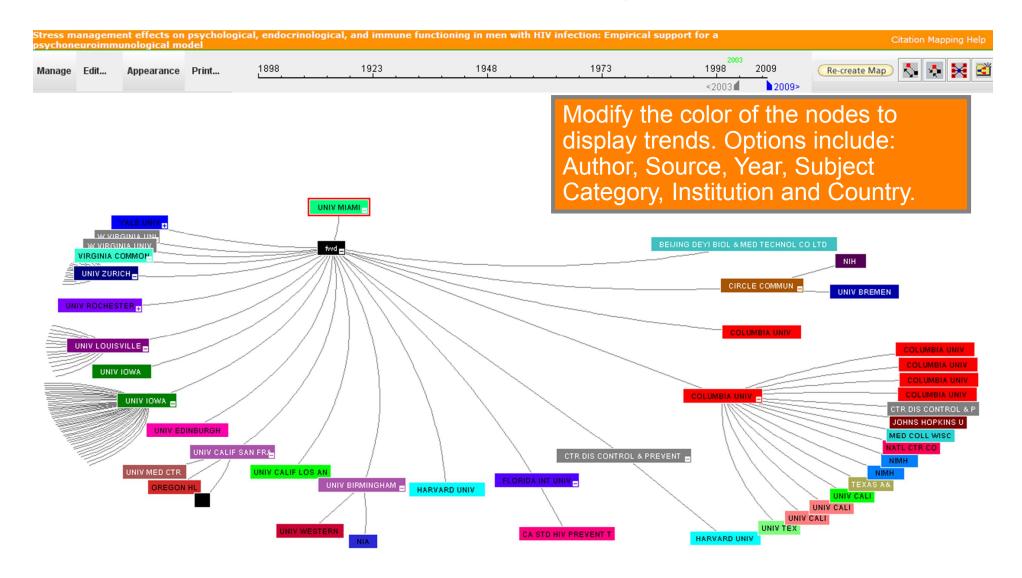




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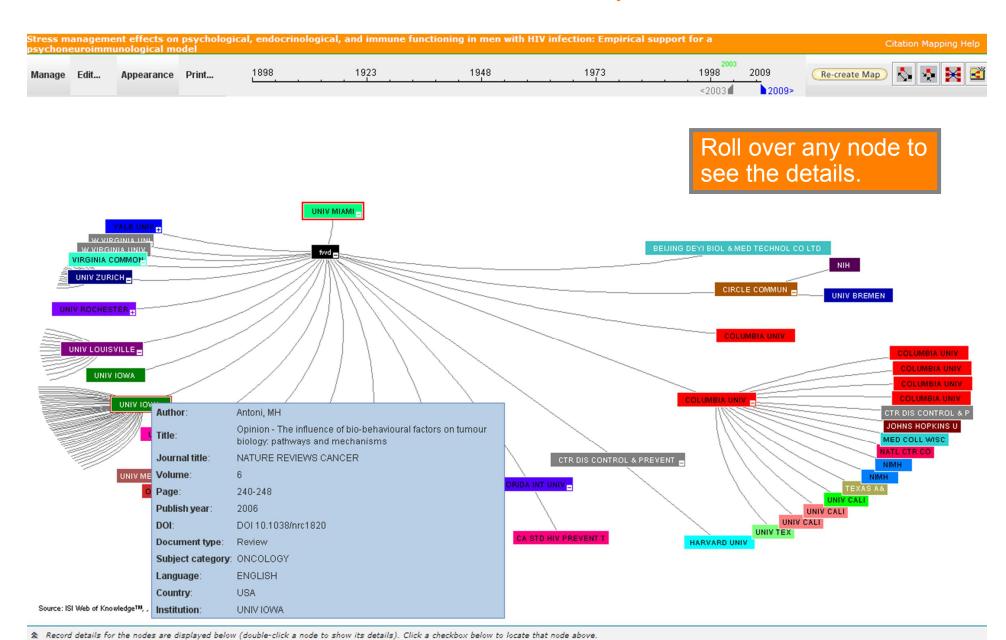


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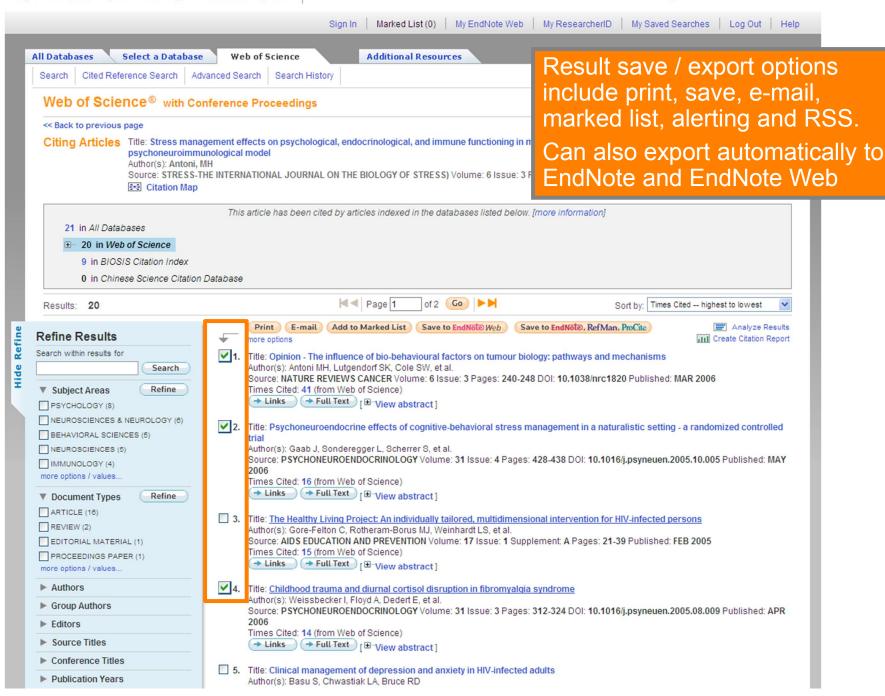


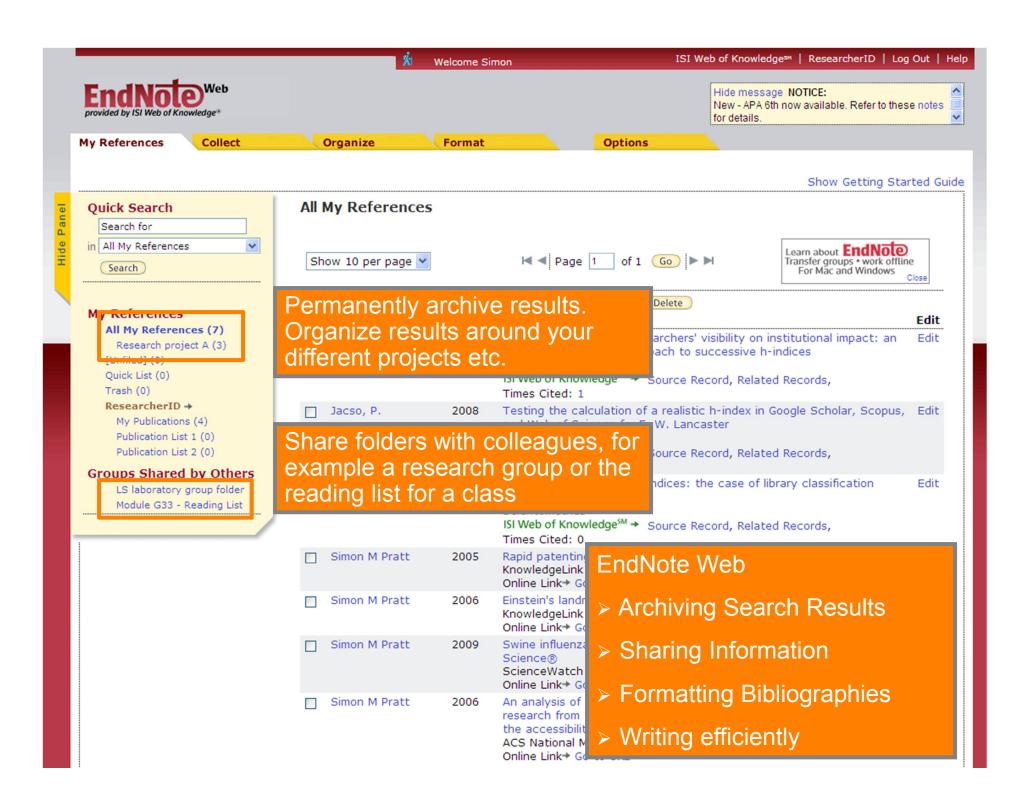
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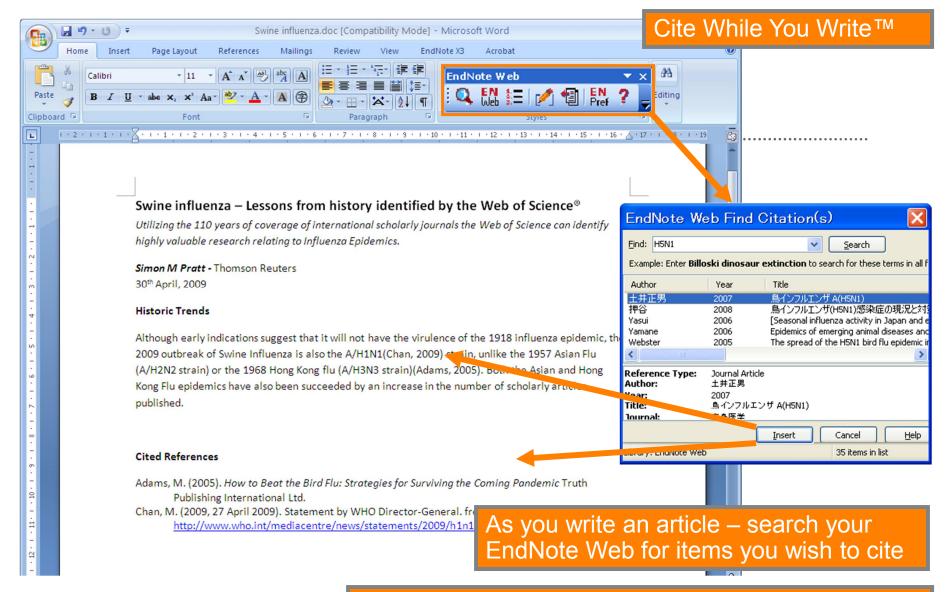
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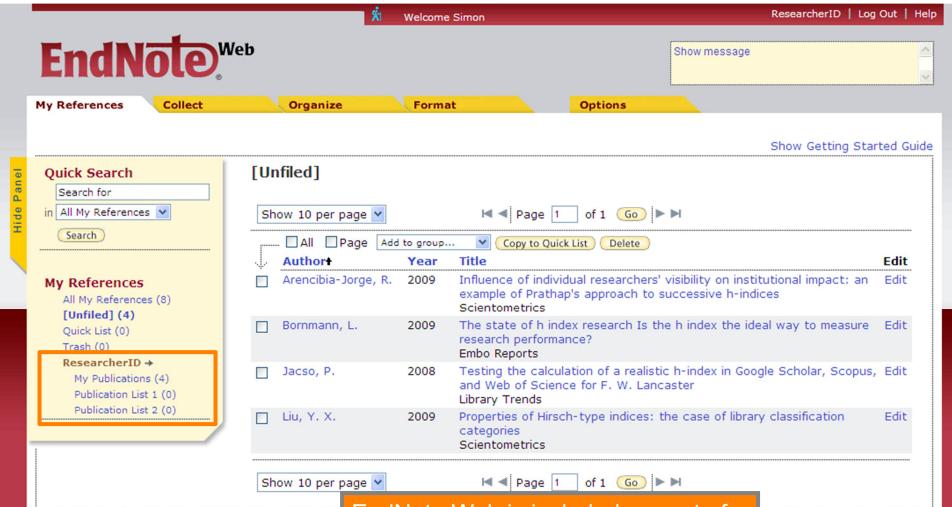








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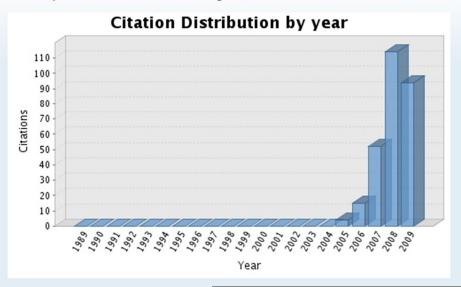
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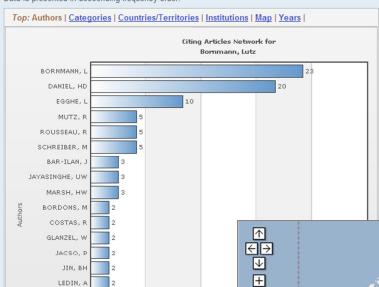
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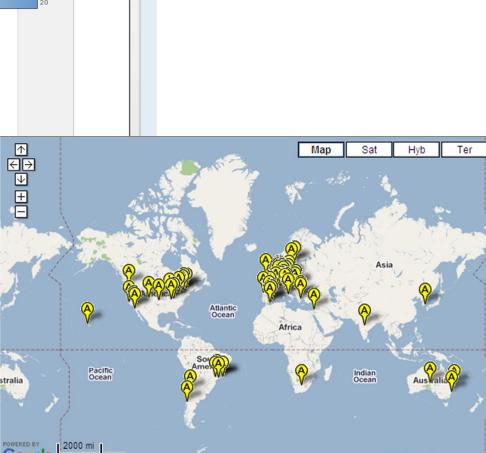
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